


# 2026-2027

## Academic Catalog

11400 Concordia University Drive
Austin, Texas 78726

***Students: Remember to note the Catalog year of your degree plan.***

Catalogs specify degree requirements, policies, and procedures that govern a student's graduation. It is important that students discuss their degree requirements with their advisor, and that their advisor knows the student's catalog year and communicates this to them. Failure to comply with the rules of a student's catalog can result in taking classes that will not count toward their degree. The university will make every reasonable effort to honor the curriculum requirements appropriate to a student's catalog year. However, courses and programs will sometimes be discontinued, and requirements may change as a result of curricular review or actions by accrediting associations and other agencies. The university reserves the right to modify the curriculum in the Academic Catalog for the current academic year and to cancel courses in which the minimum enrollment is not obtained.

Please note that changing curriculum—with the exception of removing a second/additional major, removing a minor, and/or removing an optional/additional concentration not required by the student's program—will require the student to join the current Academic Catalog in effect at the time of the change, if different from their existing catalog year. This may also change other degree and/or program requirements in order to be eligible to graduate. A new degree, major, minor, concentration, or program may not be added during the student's final semester of their existing degree program; likewise, it is strongly recommended that students avoid changing their curriculum after their junior year to avoid delays to graduation.

The following types of curriculum changes will require a student to join the current Academic Catalog in effect at the time of the change, if different from their existing catalog year:

- Changing degrees
- Adding an additional degree
- Changing majors (including changing from Undeclared to an official major)
- Adding an additional major
- Declaring a minor
- Adding an additional minor
- Changing a minor
- Declaring a concentration
- Changing a concentration
- Adding an additional concentration

  ***NOTE:*** Unless explicitly prohibited, in programs which require a student to declare a concentration, students may select more than one of that program's concentration options.

Students have seven (7) years from the time of matriculation to complete their degree before the degree plan expires. In general, catalog eligibility is based on a student's first semester enrolled at Concordia University Texas or the year in which they petition to change catalog years.

Concordia University Texas is accredited by The Commission on Colleges and Universities (SACSCOC) to award associate, bachelor, and master degrees, along with the Doctorate in Education (Ed.D). Concordia University Texas also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Concordia University Texas may be directed in writing to The Commission on Colleges and Universities (SACSCOC) at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404-679-4500, or by using information available on The Commission's website (www.sacscoc.org).

This catalog is effective on the first day of the Fall 2026 semester (August 24, 2026); changes may be made to this document at any time without prior notice. All academic regulations and policies outlined in the most recent Academic Catalog, regardless of when a student first enrolls at the university, will apply to all students unless otherwise noted.

**A Letter from the President**

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  - BA - English
  - BA - History
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  - BA - Multidisciplinary Studies
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  - Criminal Justice and Criminology Minor

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- Ministry Minor
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School of Natural and Applied Sciences

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- BS - Chemistry
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- BA - Environmental Studies
- BS - Environmental Science
- BA - Mathematics
- BS - Mathematics
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BA - Communication
BA - Digital Marketing & Influence
BBA - Business Administration
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Human Resources and Management Minor
Leadership Studies Minor
Marketing Minor
Sports Administration Minor
Interpersonal Communication Minor
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Computer Science
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Curriculum & Instruction
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Economics
Education
Educational Administration
Educational Leadership
Educational Technology
English

Environmental Science

Fine Arts

French

Geography

German

Geology

Greek

Hebrew

History

Instructional Leadership

Kinesiology

Latin

Leadership

Master of Business Administration

Master of Education

Mathematics

Ministry

Music

Nursing

Philosophy

Physics

Political Science

Psychology

Reading

Religion

Science

Sociology

Spanish

Sports Administration

# A Letter from the President

Greetings!

Welcome to Concordia University Texas, where teaching and learning hold center court – and student success is the goal of what we do. There are many places for students to learn and receive degrees and diplomas. What makes Concordia different is that we have a purpose for that learning, a purpose which serves the neighbor and gives glory to God. As an institution of Lutheran higher education, we believe that everyone has a vocation and calling. How that vocation is lived out makes a difference in people's lives. Students at Concordia are challenged to think deeply; to engage fully; to dialogue thoughtfully; and to bring their whole selves to the learning process…and that can make all the difference in the world.

This catalog is one of the tools you need to successfully navigate the learning process at Concordia. It is the official document of the university which puts forth the requirements needed for graduation and provides the policies and guidelines in which we ensure quality and remain compliant with our regulatory bodies. If you have questions, please be sure to consult your advisors and others who can answer them and help you in your journey toward the completion of your degree.

One of the unique aspects of our University is that we work hard to know our students as individuals; you will find this to be true in our classrooms, in co-curricular activities, and even among our alumni. I hope that you will find this to be a place of care and concern and a place that helps you take your gifts and talents to the next level. May God bless your journey in this place, Concordia University Texas.

Christ's Peace,

*Dr. Kristi Kirk*
President & CEO
Concordia University Texas

# Academic Degree Requirements

*Degree*

A degree is an award signifying successful completion of a full course of study and associated criteria as licensed by the Texas Higher Education Coordinating Board (THECB) and accredited by The Commission on Colleges and Universities (SACSCOC). A CTX degree is identified on the official transcript record and diploma of a student.

*Major*

A major is a course of study generally developed at the advanced course levels for a particular degree that develops both depth and breadth within an identified discipline, or a recognized field that meets established criteria associated with the selected degree. A CTX major is identified on the official transcript record and diploma of a student.

*Concentration*

A concentration is a focused sequence of courses developing depth in a particular discipline or field. No separate award is given by CTX for a concentration, and it may or may not be required as part of a program of study. A CTX concentration is identified on the official transcript record of a student; for graduate and doctoral students, a concentration is also identified on the diploma, if applicable.

*Minor*

A minor is a subset of programs developed for a baccalaureate degree which provides breadth within an identified discipline or field, without the depth of a major. The length of the course of study for a minor is generally significantly smaller than that of a major in the same discipline or field. A CTX minor is identified on the official transcript record of a student.

## Abridged Bachelor's Degrees

The purpose of the abridged baccalaureate degree, also known as the Abridged Bachelor's Degree, as defined and implemented by CTX, is to provide an explicit focus on workforce preparation and career readiness, while including the curriculum breadth offered by traditional baccalaureate degrees.

### General Abridged Bachelor Degree Requirements

Each student seeking an Abridged Bachelor's Degree from CTX must:

- Earn a minimum of 90 credit hours
- Complete the general education requirements for the program
    - Specific to the Abridged Bachelor's degrees only, specially designated courses may simultaneously fulfill general education requirements in two disciplines if course objectives and outcomes for both disciplines are satisfied. Course which this rule applies will be specifically designated in the degree plan and catalog.
- Complete a major or program that provides an appropriate abridged baccalaureate emphasis
- At least 20% of the credit hours in the abridged degree must be upper-level coursework. At least 15 of the upper-level credit hours must be within the major or program.
- At least 25% of the credit hours in the abridged degree must be completed in-residence at CTX. At least 15 of the resident credit hours must be within the major or program, and 12 of those must be upper-level.
- A minimum cumulative GPA of 2.00, with a minimum 2.25 GPA required for all courses within the identified major or program
- Complete an advising session with a faculty member in the intended major/program before matriculation.

**NOTE:** Abridged Bachelor's degrees do not include minor designation.

# Bachelor's Degrees

The purpose of the baccalaureate degree, also known as the Bachelor's Degree, as defined and implemented by CTX, is to prepare graduates for their future career and vocation in keeping with our mission statement.

- The BA degree requires a minimum of 120 credit hours, including at least 3 credit hours of approved Global/Cultural coursework (defined below) and at least 6 credit hours—comprised of two consecutive courses—of one modern or classical language other than English.
- The BAAS, BBA, and BSN degrees require a minimum of 120 credit hours.
- The BS degree requires a minimum of 120 credit hours and instruction in mathematics at the calculus level.

## General Bachelor Degree Requirements

Each student seeking a Bachelor's Degree from CTX must:

- Earn a minimum of 120 credit hours,
- Complete the Concordia Common Experience Curriculum,
- Complete a major or program that provides an appropriate baccalaureate emphasis,
- Complete 20% of total degree-required credit hours with upper-level coursework, which includes the minimum requirements within their chosen major or program,
- Meet the following residency requirements through coursework offered by and registered through CTX:
    - At least 25% of all degree-required credit hours must be completed in residence at CTX,
        - with at least 18 credit hours earned in residence at CTX counting toward the major (or program for degrees with no separate major), and,
        - if a minor is designated, at least 9 of those required credit hours completed in residence at CTX,
    - The student must be in residence, meaning formally registered (no minimum credit hour load), in the semester in which any degree award is conferred
- Attain a minimum 2.00 overall cumulative GPA and a minimum 2.25 GPA in all courses in the specified major or program,
    - except students in the College of Education, who must earn a 2.75 cumulative GPA if in a teacher certification preparation program, calculated based on all college coursework used to complete the degree requirements, including transferred coursework.

## Global/Cultural Coursework Requirements (BA Majors)

CTX believes that exposure to and study of the way cultures affect societies is a valuable component of liberal arts education. To that end, each Bachelor of Arts program requires at least 9 credit hours of *Global/Cultural Coursework*, defined as 3 credit hours in a designated global/cultural course, and at least 6 credit hours—comprised of two consecutive courses—of one modern or classical language other than English.

Global/cultural courses are those with a specific global focus on how culture affects ideas, beliefs, and systems of thinking. The focus of these courses, grounded in the humanities and social sciences, is a deep exploration of how culture affects societies. Examples of courses that have been approved to satisfy the global/cultural requirement include:

- BADM 2310 Global Business and Communication
- ENG 2301 Survey of Classicism
- HIS 1312 Human Geography
- HIS/SOC 2306 Race and Ethnic Relations
- HIS 2311 World History to 1500
- HIS 2312 World History from 1500
- HIS/SOC 3306 History and Culture of the Mexican American
- HIS 3308 Asian History and Culture

- HIS 3301 History of Mexico
- HIS 3314 Traditions and Values of Classical Civilizations
- PHL 3301 Survey of Western Philosophy

Each Program Coordinator is responsible for determining which course satisfies the global/cultural requirement for their major and is notated in the respective section of the catalog. A course designated by the Program Coordinator to count toward the Global/Cultural Coursework requirement that is already required within the program's major will be denoted by (†) superscript.

## Special Notes

### *Double Major*

When a student decides to pursue a second major, the two disciplines or fields must be distinct or substantially different; however, there is no limit to how many hours can be shared between majors.

Due to the significant amount of overlap in course content between Behavioral Sciences major, and the Psychology and Sociology majors, students may not:

- Complete majors in both Behavioral Sciences and Psychology
- Complete a major in Behavioral Sciences and a minor in Psychology
- Complete a major in Psychology and a minor in Behavioral Sciences

***or***

- Complete majors in both Behavioral Sciences and Sociology
- Complete a major in Behavioral Sciences and a minor in Sociology
- Complete a major in Sociology and a minor in Behavioral Sciences

### *Second/Additional Bachelor Degree*

Students may earn multiple Bachelor degrees, distinct from multiple majors within a single degree, if the following criteria are satisfied for the awarding of a second Bachelor degree:

- All requirements for each degree and the selected majors/programs must be fulfilled, including the residence requirement, applied separately to each degree plan of study; and
- The major or program for each degree must be distinct and separate, allowing for an overlap of only 12 credit hours of coursework (i.e. a B.A. and B.S. can't be earned in the same discipline unless the curriculum plan is distinctly different). In the event two majors or programs require overlapping course elements beyond this the Sr. Director of Student Support Services (or their representative) will work with the Program Chairs of each program to specify replacement courses to fulfill the requirements and maintain this distinctiveness; and
- A minimum of 32 credit hours must be completed beyond the higher of the minimum credit hour requirements for the degrees sought.

If a student elects to complete a new major or program of the same degree type as one already earned at CTX, a new degree will not be awarded, but the new major/program will be added to the transcript.

For students pursuing multiple degrees, majors, and minors, once the requirements are fully met for one degree, that degree must be conferred. If both programs are not completed during the same term, the student will have only one more semester to finish the remaining program.

A new degree, major, minor, concentration, or program may not be added during the student's final semester of their existing degree program. Unless explicitly prohibited, in programs which require a student to declare a concentration, students may select more than one of that program's concentration options.

# Concordia Common Experience Requirements (General Education Curriculum)

## Overview

All undergraduate baccalaureate degrees require the completion of the following general education curriculum, known as the Concordia Common Experience Curriculum. The Concordia Common Experience Curriculum complies with both regional and state accreditation standards for general education and is required of all Concordia University Texas (CTX) baccalaureate degrees regardless of program delivery (i.e., traditional, hybrid, and online).

The Concordia Common Experience Curriculum has four primary goals:

- Exposure to a range of academic disciplines central to a liberal arts education;
- Development of foundational academic skills;
- Exploration and formation of personal identity; and
- Learning through application and experience.

Students are required to complete 44-52 credit hours in courses certified to meet the Concordia Common Experience Curriculum goals, including:

- 10-13 credit hours in the Concordia Distinctive
- 13-17 credit hours of Foundational coursework
- 18-19 credit hours across six Liberal Arts disciplines

## Concordia Distinctive Courses

The Concordia Common Experience Curriculum Distinctive Courses are comprised of the three Leadership Series courses (LDR 1300 or LDR 1100T, LDR 2201 or LDR 3301, and LDR 4101C/G/E), as well as a minimum of six (6) hours of in-residence Religion coursework (typically satisfied by REL 1301 and REL 1311). The following are required of all CTX undergraduate students.

| | | | 10-13 hrs |
|---|---|---|---|
| *Complete one course from the following:* | | | |
| LDR | 1300 | Life & Leadership-Freshmen* | 3 hrs |
| LDR | 1100T | Life & Leadership-Transfer* | 1 hr |
| *Complete one course from the following:* | | | |
| LDR | 2201 | Leadership Theory* | 2 hrs |
| LDR | 3301 | Peer Leaders* (by permission only) | 3 hrs |
| *Complete the following:* | | | |
| LDR | 4101C/E | Leadership Career & Capstone* | 1 hr |
| REL courses in-residence at CTX | - | Usually satisfied by REL 1301 and 1311* | 6 hrs |

* ***NOTE***: Students cannot transfer credit for courses in the Leadership Series (LDR 1100, LDR 2201, LDR 3301, LDR 4101). Leadership courses are distinctive to CTX and must be taken in-residence. Similarly, students cannot transfer credit for REL 1311 and/or REL 1301 without still satisfying the minimum 6-hours of in-residence Religion (REL) courses at CTX. Students who have credit for similar/equivalent courses from another accredited institution may transfer in credit but will still be required to take six hours of Religion (REL) courses in-residence at Concordia University Texas.

Students who by previous study have acquired a comprehensive knowledge of the Christian understanding of the Old Testament and/or the New Testament may take an exemption examination (one for each testament). A successful score on the examination will allow the student to skip that particular course and advance to another REL course to satisfy the Concordia Distinctive requirement. Successful scores on these tests do *not* grant college credit; they merely allow the student to advance to a higher-level course. A student who desires to attempt this exemption should contact the School of Ministry to administer these examinations.

## Foundational Competencies

The Concordia Common Experience Curriculum Foundational Competencies require a minimum of 13 credit hours of designated courses which develop foundational academic skills. The following are required of all CTX undergraduate students.

| | | 13-17 hrs |
|---|---|---|
| Written Communication | ENG 1316 | 3 hrs |
| Verbal Communication | COM 1300 | 3 hrs |
| Quantitative Reasoning | Any college-level MTH course or higher | 3-4 hrs |
| Wellness | KIN 1301, NUR 3435, KIN 3333/EDU 3331, or any KIN activity (including collegiate sports) | 3 hrs |
| Nature & Environment Distinctive | BIO 1101:1106, 1401, 3302, 3303, 3370, 3403; CHE 3402; ESC 1201, 1202, 1302, 1102L/H, 1402, 3306, 3340, 4361; HIS 3344; KIN 1200, KIN 2301; POLS 3301; REL 3346; MIN 3232; SCI 3303, 3304, 3307; NUR 4160, 4360 | 1 hr. minimum |

## Liberal Arts

The Concordia Common Experience Curriculum Liberal Arts require a minimum of 18 credit hours of designated courses, introducing students to a variety of disciplines offering diverse perspectives on the world around us. The following are required of all CTX undergraduate students.

| | | 18-19 hrs |
|---|---|---|
| Behavioral Sciences | Any ANT, PSY, or SOC course | 3 hrs |
| Political Science | POLS 1303 | 3 hrs |
| English Literature | Any Literature course | 3 hrs |
| Fine Arts | Any MUS, ART, or THEA course; FA 2301H or 2310 | 3 hrs |
| History | Any HIS course | 3 hrs |
| Natural Science with Lab | Any applicable BIO, CHE, ESC, PHY, or SCI course with associated lab | 3-4 hrs |

## Experiential Learning Graduation Component

The experiential learning component is designed to support students' personal and academic growth by direct engagement with the community. Each CTX undergraduate student must complete one or more of the following options totaling three credit hours or more:

- Internship course (30+ hours), must be taken in residence
- Practicum course (30+ hours), must be taken in residence
- Travel course (4+ days), must be taken in residence
- Semester abroad* (10+ weeks)
- Approved experience-based course which must be taken in residence:
    - EDU 2310, 3333, 4300, 4305, 4307, 4312, 4601, 41200
    - RDG 3326, 3342, 4327
    - COM 3398, MIN 3198, REDU 3198
    - LDR 2116S, LDR 2116T
    - ENG 3307
    - SOC 1301
    - BIO 1101-1106, BIO 3302, BIO 3370, BIO 4410
    - SCI 3303, SCI 3304
- SVL x1xx: Service-learning field Experience course attached to course of student's choice (coordinated through student advisor and course instructor), must be taken in residence

* For the purpose of Experiential Learning credit, "abroad" is defined as anywhere outside the continental United States including Hawaii, Alaska, and all United States' territories. Programs shorter than 10 weeks could satisfy the requirement with approval from the General Education Committee.

**Concordia Common Experience (General Education Curriculum) Outcomes**

- Students will be able to demonstrate critical and creative thinking skills, recognizing and breaking down the parts of an idea/concept, process, or phenomena in order to understand the interrelationship of those parts as they contribute to the whole.
- Students will be able to communicate effectively, imparting or interchanging thoughts, opinions, or information by speech, writing, or signs.
- Students will be able to demonstrate competence in quantitative reasoning, applying mathematical concepts and skills to explore and solve real-world problems.

- Students will be able to express the understanding that their undergraduate experience and time at Concordia have helped shape their identities by giving them a clearer understanding of themselves and their relationships with others, as well as an awareness, recognition, and tolerance of cultural differences between groups or populations, especially those whose cultural, ethnic, social, and spiritual backgrounds are different from their own.
- Students will learn and practice healthy habits of mind, body, spirit, and emotions.
- Students will be able to express an understanding that their leadership skills have improved.
- Students will be able to express the importance of nature and environmental quality to their physical, mental, and spiritual health, and will be able to participate meaningfully in solutions to environmental problems.
- Students will be able to express an understanding of Christian identity and develop a foundation for formation in faith and vocation. Additionally, students will be able to reflect on what it means to encounter Christ through the Word of God, study the core teachings of Christian theology, and apply those teachings to their specific academic and vocational pursuits.

## Graduate & Doctorate Degrees

CTX offers advanced coursework at the masters and doctoral level designed to develop mastery in a specific discipline, field, or area of professional practice. Completion of a designed curriculum and demonstration of the required mastery results in the awarding of a master degree. Mastery in the broad sense can be construed as demonstrated working advanced knowledge of the designated specialized discipline or field, be it as theoretical, experimental and/or applied; high order cognitive skills, such as in analysis, critical evaluation and/or professional applications; and the ability to solve complex problems and think rigorously and independently within the selected discipline or field or at its interface to other areas. As such, acceptable program outcomes may be those generally acceptable for the first graduate degree or for a first professional degree to be designated as a master degree at CTX. Each program has unique characteristics and offers opportunities for advanced study, personal growth, and career enhancement.

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# Academic Degrees, Majors, and Special Programs

## Modalities

Concordia University Texas is proud to offer degrees and programs in three main delivery methods for our students: traditional, online, and hybrid. Traditional programs are offered during the day, face-to-face, synchronous, and usually in a 16-week session. Fully online programs have no face-to-face requirements and are completely asynchronous; most online classes are delivered in 8-week sessions. Hybrid programs are generally offered in the evenings face-to-face, synchronous, and have an online asynchronous component, meeting in eight-week or 16-week sessions. Hybrid programs may also be predominantly online with some intense, face-to-face residency requirements. Modality options are included in major requirement sections.

## Abridged Bachelor's Degree Programs

### Fitness and Technology

*Degree: ABS*
*Modalities: Traditional and online.*
*CIP: 31.0505*

The Abridged Bachelor of Science in Fitness and Technology is a reduced-credit, three-year undergraduate degree program which serves working adults, career-changers, and fitness professionals who seek an accelerated, applied pathway into the kinesiology workforce. The program is designed to function both as a complete, standalone credential and as an on-ramp to further degree opportunities at CTX.

# Bachelor's Degree Programs

## Applied Business

*Degree: BAAS*
*Modalities: Traditional and online.*
*CIP: 52.0101*

The Applied Business BAAS degree provides the necessary skills to advance into supervisory and entry-level management positions, as supported by the AAS training already achieved. The BAAS business program provides a selection of business courses in which students learn how to apply core business skills within their own career field or business environment (BAAS degree only).

## Behavioral Sciences

*Degree: BA*
*Modalities: Traditional.*
*CIP: 45.0101*

The Behavioral Sciences major provides students with the exciting study of the "person in environment." Through scientific education in Psychology and Sociology, students will be equipped to think critically and holistically about human behavior in different social contexts, enabling them to help individuals grow in psychological health, use research to solve problems, and work for justice for all people. Graduates will be well-prepared to enter a broad range of careers in social work, government, non-profit organizations, businesses, and ministry settings as well as a variety of competitive graduate or professional school programs. The major offers both a General track and a Child Life Professional track.

## Biology

*Degrees: BA; BS*
*Modalities: Traditional.*
*CIP: 26.0101*

The mission of the Biology (BA) major is to cultivate in students those capabilities necessary for them to promote stewardship of the biotic environment and provide Christian leadership in careers related to biology.

The Biology (BS) major is designed to give students a strong foundational understanding of the subject matter encompassed by the biological and associated physical sciences. This degree is ideal for students wishing to have professional careers in the sciences or pursue graduate degrees in medical or biological fields. Through critical thinking, hands-on experience, research, and investigation, students will develop an understanding of the field of Biology and gain a strong foundation for entry into a broad spectrum of graduate programs and careers in the biological sciences.

## Business Administration

*Degree: BBA*

*Modalities: Traditional and online.*
*CIP: 52.0201*

The Bachelor of Business Administration (BBA) focuses on a broad understanding of business with a specialized focus of study. Students graduating with a BBA degree from the traditional program will choose from five concentration areas: Accounting & Financial Management, Human Resources & Management, Marketing, Digital Influence & Brand Marketing, or Sports Administration. There are four micro concentrations that can be added to the four concentrations listed above: Communication, Entrepreneurship, Finance, and International Business. The four optional micro concentrations students may add to their degree plan cannot take the place of a full concentration.

## Chemistry

*Degree: BS*
*Modalities: Traditional.*
*CIP: 40.0501*

The Chemistry major promotes student's ability to develop analytical reasoning through an integrated curriculum of classes and labs that use modern techniques, and undergraduate research. Chemistry is a problem-solving discipline central to other sciences, and a degree in Chemistry prepares students for a career in industry or entry to graduate school or medical/pharmacy school. Concordia also offers a dual-degree partnership with the University of North Dakota, allowing students to earn a Bachelor of Science in Chemistry from Concordia, and either a Bachelor of Science in Biomedical Engineering or Chemical Engineering from the University of North Dakota. More information regarding the dual-degree program and its requirements may be found on the Concordia website.

## Communication

*Degree: BA*
*Modalities: Traditional and online.*
*CIP: 09.0101*

The Communication major provides three concentrations: Interpersonal Communication, Visual Communication, and Public Relations and Advertising. The mission of the Communication Major at Concordia University is to develop effective public speakers, versatile writers, digital creatives, and healthy relationship partners.

## Computer Science

*Degrees: BA; BS*
*Modalities: BA – Traditional and online; BS – Traditional only.*
*CIP: 11.0701*

The Computer Science major (BA) allows the flexibility to develop fundamental knowledge and marketable programming skills while giving students the valuable breadth of education typical of a BA degree. With an interdisciplinary approach, the program integrates a foundation in Computer Science with an intentional emphasis on the development of a student's communications and presentation skills.

The Computer Science major (BS) is modeled after the Association for Computing Machinery (ACM) recommendations. With an interdisciplinary approach, the program integrates a foundation in both Computer Science and Mathematics with an intentional emphasis on the development of a student's communications and presentation skills. Students develop skills to design computer systems, write software, perform mathematical analysis of algorithms and performance studies; and to think analytically, and solve problems. Students pursuing a BS in Computer Science have the option to pursue a Data Science concentration.

## Criminal Justice and Criminology

*Degree: BA*
*Modalities: Traditional and online.*
*CIP: 45.0401*

The Criminal Justice and Criminology major is designed to offer a strong theoretical and practical foundation in the related fields of criminal justice and criminology, with equal emphasis on viewing both fields through a Christian lens. We desire to prepare students for entry into careers across a broad array of positions with diverse employers and to prepare those who desire to further their studies for entry into graduate or professional programs. We integrate restorative justice concepts into our studies while developing Christian leaders and servants whose vocation it will be to deal with crime in all of its forms, on all of its levels, with all of its participants, and with all of its consequences.

## Digital Marketing & Influence

*Degree: BA*
*Modalities: Traditional and fully-online.*
*CIP: 52.1404*

This interdisciplinary major prepares students to lead with authenticity, integrity, and resilience in today's complex digital landscape. Integrating coursework from communication, business, psychology, theology, the arts, and the humanities, students will learn to create compelling content, build online communities with purpose, and critically assess the moral dimensions of digital culture.

## Education Content Curriculum

*Degree: BA*
*Modalities: Traditional.*
*CIP: 13.1205*

Concordia University Texas College of Education offers a BA in Education Content Curriculum with a focus on a single content area (e.g., math, science, history) across a span of grades (K-12, 4-8, or 7-12 depending on the concentration). The goal of the program is to provide students with a foundation in research validated teaching and learning strategies for their chosen content area. Upon completion of the Education Content Curriculum Major paired with an approved concentration and successful completion of the state certification examinations (TExES), a graduate may be recommended for the appropriate Texas Teacher Certification.

## English

*Degree: BA*
*Modalities: Traditional.*
*CIP: 23.0101*

The English major emphasizes clear, concise, careful, and contextually appropriate writing. English majors with a passion for sharing the themes, events, and people of literature with others enter the teaching profession and are able to join university faculties after completing their masters and doctoral degrees. Studying expository and creative writing to explore and understand the human condition prepares students to enter a range of professions. English majors often work as corporate or government public information officers and publication directors, nonprofit directors, grant writers, journalists, policy writer, and research specialists in law, medicine, government and the cross disciplinary and emerging fields within the Digital Humanities. English is an excellent preparation for graduate school in a variety of Humanities disciplines.

## Environmental Studies

*Degree: BA*
*Modalities: Traditional.*

*CIP: 03.0103*

The Bachelor of Arts in Environmental Studies is an interdisciplinary program that focuses on understanding the complex relationship between humans and the natural environment. It combines coursework in the sciences, social sciences, and humanities to examine environmental issues from multiple perspectives, including ecology, sustainability, policy, and ethics. Students explore topics such as climate change, biodiversity, environmental justice, and natural resources management. The program emphasizes critical thinking, research, and problem-solving skills to prepare graduates for careers in environmental advocacy, policy development, conservation, and planning, or further study in graduate programs related to the environment. *This major is offered in the traditional modality only.*

## Environmental Science

*Degree: BS*
*Modalities: Traditional.*
*CIP: 03.0104*

The Bachelor of Science in Environmental Science is a rigorous, multidisciplinary program that focuses on the scientific study of the environment and the impact of human activities on natural systems. It integrates principles from biology, chemistry, geology, and ecology to address environmental challenges such as pollution, climate change, and resource depletion. Students will build a solid foundation in scientific research methods and data analysis while exploring topics like environmental monitoring, conservation, environmental policy, and sustainability. The degree prepares graduates for careers in environmental consulting, conservation science, natural resources management, and environmental policy, as well as opportunities for further graduate studies in environmental fields.

## History

*Degree: BA*
*Modalities: Traditional.*
*CIP: 54.0101*

The History major fosters students' ability to understand the origin and impact of major political and cultural developments, economic trends, and social movements of the world around them. Students come to appreciate and respect the diversity of their own rich heritage, as well as that of others, and responsibly interpret the world around them through the use of critical thinking and communication skills.

## Interdisciplinary Studies

*Degree: BA*
*Modalities: Traditional.*
*CIP: 13.0101*

Concordia University Texas College of Education offers a BA in Interdisciplinary Studies with a focus on early childhood education (ECE) through grade 6 or grades 4 through 8. The goal of the program is to provide students with a foundation in research validated teaching and learning strategies in the self-contained classroom. Upon completion of the Interdisciplinary Studies Major paired with an approved concentration and successful completion of the state certification examinations (TExES), a graduate may be recommended for the appropriate Texas Teacher Certification.

## Kinesiology

*Degree: BS*
*Modalities: Traditional and online.*
*CIP: 31.0501*

A study of the mechanics and anatomy of human movement, kinesiology has direct applications to fitness and health. With three tracks—Fitness Professional, Pre-Health, and Sports Administration—students in this major select the track best suited to their career goals.

## Law and Policy

*Degree: BA*
*Modalities: Traditional.*
*CIP: 22.0000*

The Law and Policy major is designed to provide students with a basis of understanding related to the areas of law and policy. Designed with future law students and policy practitioners in mind, the program provides an interdisciplinary approach that leads to the understanding and appreciation of the concepts, perspectives, challenges and opportunities faced by those wishing to participate in the legal and political realms.

## Mathematics

*Degrees: BA; BS*
*Modalities: Traditional.*
*CIP: 27.0101*

The Mathematics major (BA) emphasizes skill in problem solving, analytical thinking, use of technology in mathematics, and communicating and making connections within and outside the discipline.

The Mathematics major (BS) emphasizes analytical thinking in scientific topics, skill in problem solving, quantitative representation of ideas, use of technology in mathematics, and communicating and making connections within and outside the discipline. Concordia also offers a dual-degree partnership with the University of North Dakota, allowing students to earn a Bachelor of Science in Mathematics from Concordia, and either a Bachelor of Science in Mechanical Engineering, Electrical Engineering, or Civil Engineering from the University of North Dakota. More information regarding the dual-degree program and its requirements may be found on the Concordia website.

## Ministry

*Degree: BA*
*Modalities: Traditional.*
*CIP: 39.0401*

The Ministry major provides basic educational, religious, and interpersonal foundations for the student and provides specialized training to develop individual interests in areas such as youth ministry, children's ministry, music and the arts, theology, missions, and outdoor ministry.

## Multidisciplinary Studies

*Degree: BA*
*Modalities: Traditional and online; however, not all concentrations are available in every modality. Please reference the program information for more details.*
*CIP: 24.0101*

The Multidisciplinary Studies major allows students to focus on two areas of academic study, giving them an opportunity to customize their field of study by bringing together disparate academic disciplines. Examples of this might be the pairing of music and marketing, or sociology and business.

## Music

*Degree: BA*
*Modalities: Traditional.*

*CIP: 50.0901*

The music major involves rigorous and relevant musical experiences and education designed to equip and empower students for competitive music careers and music graduate studies. Students must choose a concentration in Music Education, Audio Production, Music Ministry, or Applied Music Studies. Music Education majors double major with Education Content Curriculum major in the College of Education. Upon completion of the Music Education major paired with the Education Content Curriculum and successful completion of the state certification examination (TExES), a graduate may be recommended for the Music All Level (EC-12) Texas Teacher Certification.

## Nursing

*Degree: BSN*
*Modalities: Traditional and hybrid (Accelerated BSN).*
*CIP: 51.3801*

The Nursing major has two distinct parts: Pre-Nursing requirements and the Professional Nursing sequence. When a student has registered for and/or completed all the Pre-Nursing requirements, they may apply for the BSN professional sequence, which takes two years to complete. The Professional Nursing sequence (NUR courses) consists of nursing lectures, simulation and clinical courses that provide students with the knowledge, skills, and attitude necessary to become competent and compassionate professional nurses. Nursing courses are only available to students admitted to the professional nursing sequence.

## Psychology

*Degree: BA*
*Modalities: Traditional and online.*
*CIP: 42.0101*

The Psychology major is designed to provide students a Christian environment in which to gain knowledge of core tenets of the discipline, with special emphasis on writing proficiency and career preparation. The major also intentionally encourages students to take advantage of program offerings beyond the classroom such as symposia, informational workshops, internships, research experience, and study abroad opportunities.

## Sociology

*Degree: BA*
*Modalities: Traditional.*
*CIP: 45.1101*

The Sociology major at Concordia University Texas provides students with a rigorous scientific education in Sociology which equips students to think critically about human social behavior and the social world and about ways to promote human well-being through their future vocations. In this major, students learn how to use research to solve societal problems, advocate for social change, and work for justice for all people.

## Wildlife Conservation

*Degree: BS*
*Modalities: Traditional.*
*CIP: 03.0601*

The Bachelor of Science in Wildlife Conservation equips students with the knowledge and skills to protect and manage wildlife and their habitats. The program is multidisciplinary, including courses from the sciences, social sciences, and humanities. Students learn about animal behavior, ecosystems, biodiversity, and sustainable practices for managing wildlife populations. The curriculum also covers topics such as

conservation policy, environmental law, and the impact of human activities on wildlife. Graduates are prepared for careers in wildlife management, conservation research, environmental education, and policy development, working with government agencies, NGOs, and private organizations dedicated to preserving biodiversity. The program qualifies graduates for The Wildlife Society's Associate Wildlife Biologist certification, an important credential.

# Graduate and Doctoral Programs

## Master of Business Administration

*Modalities: Hybrid and online.*
*CIP: 52.0201*

The Concordia MBA is designed for professionals with a sincere desire to become leaders who will change the world around them. As an MBA graduate student, you will master core business concepts, analytical tools, and leadership skills to build a better future for yourself and your community. Guest speakers, computerized simulations, case studies, learning teams, and a capstone project will expose students to real-world business situations that impact the organization and the wider community.

## Master of Computer Science

*Modalities: Hybrid and online.*
*CIP: 11.0701*

The Master of Computer Science (MCS) program at Concordia University Texas fosters critical thought through coursework in advanced algorithms and specialized concentrations that require analytical problem-solving for complex technological challenges. Students will examine ethical considerations in technology, including data privacy and accessibility issues. The MCS program prepares graduate for lives of service by equipping them with advanced technical expertise applicable to healthcare, education, business, and government sectors.

## Master of Education

*Modalities: Online, with the exception of the Educational Leadership concentration, which may also be offered in the hybrid modality.*
*CIP: 13.0101*

Concordia University Texas College of Education offers a Master's Degree in Education (MEd) with multiple specializations. The goal of the MEd program is to prepare educational practitioners who exemplify ethical, value-centered leadership in education. Candidates will grow in their ability to serve as change agents in educational reform utilizing "best practices" in teaching and learning. Each candidate will have a solid foundation in the practical application of theory, research, and assessment in education.

## Doctor of Education

*Modalities: Hybrid.*
*CIP: 13.0401*

Concordia University Texas College of Education offers a Doctor of Education degree (EdD) with two areas of specialization: Educational Leadership (with Texas Superintendent Certification option for qualified candidates) and Curriculum and Instruction. The degree is ideal for education professionals and organizational trainers who are looking to advance in their careers and assume leadership roles. The ultimate goal of the Concordia EdD is to develop your skills and understanding, so that you can empower your students to do amazing things. Please reference the Ed.D. program requirements section of the Catalog for residency requirements.

# Minors

A minor is a program of study generally offered by a department or interdisciplinary program. The purpose of these minor programs is to designate a set of courses to provide some degree of content mastery in an area of academic specialization that will complement the student's academic major.

Minors approved to complement a baccalaureate degree must meet the following requirements:

- complete a minimum of eighteen (18) credit hours and a maximum of twenty-four (24) in a given subject area as designated by a course prefix (i.e. ENG, KIN, SOC, etc.),
- at least nine of the hours for the minor are upper-level,
- at least nine (9) hours of the minor must be earned in residence,
- maintain a cumulative GPA of 2.0 or higher, and
- a selected minor may not be in the same general discipline as the selected major, which includes the concentration(s), if required.

If a subject area does not offer at least eighteen (18) hours of courses of which at least nine (9) are upper-level, then a minor is not possible in that subject area.

A student may choose to use a course required to fulfill major requirements to fulfill minor requirements. A student can choose any subject area to minor in that meets the qualifications listed above.

The following subject areas have a prescribed set of courses required to earn a minor in the subject area:

- Accounting and Financial Management
- Art
- Behavioral Sciences
- Biblical Languages
- Chemistry
- Child and Family Studies
- Criminal Justice and Criminology
- Digital Humanities & Video Gaming
- Education
- Environmental Science and Conservation
- Hispanic Studies
- Human Resource and Management
- Interpersonal Communication
- Leadership Studies
- Legal Studies
- Marketing
- Mathematics
- Ministry
- Music
- Pastoral Ministry
- Political Science
- Public Relations and Advertising
- Social Justice
- Social Welfare
- Sports Administration
- Visual Communication
- Worship and the Arts
- Writing

# Special Programs

## Honors Program

The mission statement of the Honors Program is “to challenge and engage the curiosity of a community of outstanding students.” The vision statement is “The Concordia University Texas Honors Program offers motivated students a supportive, cohort community of intellectually curious, creative, driven students of the highest integrity.” The program is geared towards engaging the student with a transformational, alternative general education curriculum that is challenging, fun, and experiential. As a community of scholars, these students engage in academically rigorous, interdisciplinary, enriching courses towards the pursuit of developing into Christian leaders. Particular emphasis is given to the exploration of self within local and global communities. Graduates of the program are prepared to excel in their chosen vocation while serving their communities as responsible local and global citizens. The flexibility of this program allows students to combine it with any major or program that the college offers. Characteristics of the Honors Program and

courses: Small group discussion based and experiential learning, chances to build relationships with peers and professors, and freedom to fail.

## Admission Requirements

New freshmen, continuing students, and transfer students are eligible to apply for admission to the Honors Program. While oriented primarily toward students who have achieved a certain level of academic success, the Honors Program is open to any student interested in committing to this challenging and rewarding program. All students who wish to enroll in the Honors Program must be accepted to Concordia University Texas and are required to submit the following materials:

*For new freshmen*:

- High school GPA of 3.0 on a 4.0 scale and SAT/ACT scores 1220/25
- Resume
- Essay in response to the prompt: *Describe an instance in which you changed your mind about a previously-held belief. What led you to hold this belief in the first place and how did you come to change your view?*

*For continuing and transfer students*:

- College GPA 3.5 on a 4.0 scale
- Resume
- Essay in response to the prompt: *Describe an instance in which you changed your mind about a previously held belief. What led you to hold this belief in the first place and how did you come to change your view?*

Admission to the Honors Program will be determined by a committee composed of the program's co-directors, as well as the Dean of Teaching and Learning. Admission will be conducted on a rolling basis until all slots are filled. Upon review of your application, you might still be eligible for admission even if you don't meet the GPA requirements.

## Cumulative Grade Point Average and Course Grade Requirements

To continue in the Honors Program, a student needs to maintain a cumulative degree GPA of 3.25 and at least a 3.50 GPA in the Honors Program. A grade of 'C' in any Honors course will be grounds for immediate dismissal from the Honors Program.

## Course Requirements

| Honors Program | | | 31 hrs |
|---|---|---|---|
| LDR | 1300 | Honors Life & Leadership | 3 hrs |
| PSY | 1311H | Honors Intro to Psychology | 3 hrs |
| POLS | 2371H | Honors American Politics | 3 hrs |
| REL | 1312H | Biblical Foundations | 3 hrs |
| REL | 1314H | Christian Formation | 3 hrs |
| COM | 1317H | Communication for Social Change | 3 hrs |
| ESC | 1102H | Honors Environmental Science | 1 hrs |
| ENG | 2371H | Great Texts: Classic and Contemporary | 3 hrs |
| MTH | 1370H | Honors Math and Effective Thinking | 3 hrs |
| FA | 2301H | Honors Arts Experience | 3 hrs |
| PHL | 3302 | Ethics in the Christian Tradition | 3 hrs |

# Reserve Officer Training Corps (ROTC)

The Air Force Reserve Officer Training Corps (AFROTC) and the Army Reserve Officer Training Corps (AROTC) provide courses of military instruction which will permit volunteer, selected, male and female college students to prepare themselves for commissions as second lieutenants in the United States Air Force, Air Force Reserve, or Air National Guard and the United States Army, Army Reserve or Army National Guard

while they pursue academic courses leading to baccalaureate or advanced degrees. The specific courses listed below are available to Concordia students through concurrent enrollment arrangements at the University of Texas at Austin. These courses may be taken without military obligation. ROTC courses will be treated as hours in residence at Concordia and the grades earned will be calculated in the Concordia GPA.

For further information, contact the Department of Military Science at the University of Texas at Austin, (512) 471-5639, or the Department of the Air Force Science at the University of Texas at Austin, (512) 471-1776.

## Study Abroad and Travel Courses

Study abroad and travel courses are some of the best investments a student could make during their university years. Cross-cultural, real-world experiences are without equal in helping students develop leadership skills, think critically and creatively, master foreign languages, apply classroom content, mature spiritually, and take responsibility for their neighbors' wellbeing.

General tuition is not charged for travel courses taken at or through Concordia University Texas. Students pay a fee that equals the cumulative cost of the trip along with a $500 administrative fee. Concordia has high academic standards and expects the same for off-campus experiences provided to our students.

Concordia has selected and vetted approved programs and providers known to offer rigorous academics and culturally grounded academic experiences. International travel coursework comes in as transfer credit and will not impact a student's cumulative GPA, however it provides content credit for CTX courses. Only travel courses taught by CTX faculty are considered CTX courses, and only those travel course grades count in a student's cumulative GPA.

For Study Abroad Programs, students who have completed 24 credit hours, (transfer students note: at least 12 hours must have been completed through Concordia Texas prior to travel), maintain a 2.0 cumulative GPA, and are in good academic, behavioral and financial standing with the University are eligible to participate in an off-campus study program. All students seeking to participate in an off-campus study program must first meet with their Student Academic Planner and complete an Off-Campus-Study Enrollment Packet. The packet must be completed by April 1, for summer or fall travel, and October 1, for spring travel. This deadline is independent of any application requirements established by the program/provider.

## Concordia Travel Courses

These unique courses are developed and taught by Concordia faculty around the country and internationally. Travel Courses are usually less than one month long and typically take place in the summer or on breaks in the academic calendar. Below is a list of recurring Travel Courses, but others may be available. See your Student Academic Planner or your Faculty Academic Advisor for additional courses available.

- BIO 3302 Tropical Biology. A nine-day trip offered each Spring break to a Central American and/or Caribbean country. Additional fees apply.
- BADM/COM 3398 Business Innovation & Sustainability. Immerses students in real world contexts where they can observe and analyze business and communication practices in various settings, usually scheduled during the summer term. 6-credit hours; additional fees apply.
- BADM 4311 International Business Management. A four-day trip, usually scheduled during the fall term, to Eagle Pass/Piedras Negras, which explores the economics, politics and culture of doing business on the Texas/Mexico border. Additional fees apply. Not offered every year.
- ENG 3307 Drama at Stratford. Held each August, this one-week trip to Stratford, Ontario, Canada, covers eight plays during the Stratford Festival and additional plays at the Shaw Festival at Niagara-on-the-Lake. Additional fees apply.
- SCI 3304 Geology and Ecology of Hawaii. A two-week trip offered every third summer to the Big Island and Kauai. Additional fees apply.

- BIO 3370 Ecosystems of the Pacific Northwest. A two-week trip offered every third summer to Mt. St. Helens and other ecological sites in the Pacific Northwest. Additional fees apply.
- SCI 3303 Geology and Ecology of the Southwestern US. A trip offered every third summer to the Grand Canyon and other desert sites in the Southwest. Additional fees apply.
- BIO 1101 - 1106. These courses visit different geographical regions (six total) of Texas each term. The regions include East and Southeast, Rio Grande Valley, Southwest, Panhandle and Northwest, Central, and the Guadalupe Mountains. Additional fees apply.
- PSY 3398 History of Psychology in Europe. A one-week trip offered every other summer to Europe (Vienna, London, and Amsterdam), studying developments in scientific and philosophical fields which influenced the growth of psychology as well as major trends in psychology, from traditional perspectives to more recent schools of thought. Additional fees apply.
- PSY 3607 Psychology of Travel. This course exposes students to several psychological phenomena and their applications to travel. In this course students will examine the cognitive, social, emotional, and behavioral influence travel has on individuals, as well as explore potential psychological implications for communities. Additionally, this course provides an experiential learning opportunity and aims to expand students' cultural competence and global awareness. Additional fees apply.
- PSY 3608 Cross Cultural Psychology. This travel course examines the reciprocal relationship between culture and psychology. In this course students will explore how culture shapes mental processes and behavior. Additionally, students will examine how the study of culture can impact psychological theories, knowledge, research, and practice. Additional fees apply.

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# College of Arts and Sciences

## Mission and Overview

The College of Arts and Sciences supports the mission of Concordia University Texas where CTX empowers students of all backgrounds to lead lives of critical thought, compassionate action and courageous leadership. As a liberal arts university rooted in the Lutheran tradition and aligned with the Lutheran Church-Missouri Synod, Concordia develops the mind, heart, soul, and body, preparing leaders for lives of service.

We live in a dynamic world economy that demands creativity, flexibility, and change. Career opportunities for the future require adaptability, critical thinking, and the ability to make connections across disciplines. The best preparation for this type of career can be found in the arts and sciences. Through the arts and sciences, students immerse themselves in any one of several areas of interest while still gaining the versatility and flexibility they need for life in a rapidly changing world. A major in the arts and sciences also serves as excellent preparation for graduate study in almost any field, including business, humanities and social sciences, natural and applied sciences, pre-medicine, pre-law, publishing, communications, and public relations.

The College of Arts and Sciences at Concordia University Texas provides a classical liberal arts education that promotes a broad base of knowledge and develops intellectual capacities. The College is committed to a collegial environment in which students and faculty work together to grow intellectually, spiritually, and morally as knowledgeable citizens of the 21st century. We are dedicated to an intellectual foundation based on a well-rounded and comprehensive education designed to meet the needs of responsible citizenship in an ever-changing world.

The majors, minors, and programs of the College, along with extracurricular activities, provide a multifaceted opportunity to teach, model, practice, and recognize Christian leadership. Program goals and outcomes are accomplished through scheduled classes, lectures and workshops by visiting scholars and guest lecturers, service-learning opportunities, a variety of arts activities and venues, and a study abroad program. Ultimately, programs in the liberal arts prepare students to lead rich and rewarding lives, recognizing the

interdependence of varied disciplines and professions as they are shaped and given meaning through the application of Christian values.

# School of Fine Arts

*Dr. Whitney Crowley, School Director*

## Mission and Overview

The School of Fine Arts serves our university and local communities by offering opportunities to develop aesthetic expression, participate in world-class artistry, create and refine artistic technique, and share the love of Christ with our communities and the world. The School offers a major in Music and minors in Art, and Music.

## BA - Music

*Program Coordinator: Dr. Whitney Crowley*
*CIP: 50.0901*

Concordia University Texas offers a Bachelor of Arts degree in Music which involves a rigorous and relevant preparation for a future career and graduate study in music. Students experience performance and music courses relevant to the music field while maintaining the liberal arts core for a well-rounded and comprehensive curriculum. Students in this degree program will receive a comprehensive musical education, with a significant grounding in theory, history, conducting, performance, and other foundations of the discipline.

The major is designed to give each student the tools to succeed in a musical career. Students choose a specialization in Music Education, Music Ministry, Audio Production, or Applied Music Studies. Additionally, students pursuing a Music major in the Music Ministry specialization may also pursue the Director of Parish Music concentration (see below for coursework).

Students pursuing the Music Education concentration may add an EC-12 All Level Music Texas certification; this requires an Education major, including the benchmark process and other requirements for certification through the College of Education. Students interested in an introduction to this discipline are advised to take MUS 1332 Music Fundamentals. This course counts toward the requirements for the major.

Students interested in an introduction to the music discipline are advised to take MUS 1332 Music Fundamentals. This course counts toward the requirements for the major.

***NOTE***: Aural Skills and Music Theory are generally taken as concurrent courses.

*This major and each concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Music Major** | | | **31 hrs** |
| MUS | 1332 | Music Fundamentals | 3 hrs |
| MUS | 2118 | Aural Skills I | 1 hr |
| MUS | 2119 | Aural Skills II | 1 hr |
| MUS | 2214 | Basic Conducting Techniques | 2 hrs |
| MUS | 2333 | Music Technology | 3 hrs |
| MUS | 2334 | Music Theory I | 3 hrs |
| MUS | 2335 | Music Theory II | 3 hrs |
| MUS | 3336 | Music Theory III | 3 hrs |
| MUS | 3343 | Western Musicology: Ancient to Modern | 3 hrs |
| *Complete one course from the following:* | | | |

| | | | |
|---|---|---|---|
| MUS | 1333 | American Popular Music (†) | 3 hrs |
| MUS | 2340 | History of Jazz (†) | 3 hrs |
| MUS | 2351 | Ethnomusicology: World Music (†) | 3 hrs |
| MUS | 3345 | History of Church Music (†) | 3 hrs |

## Global/Cultural Coursework

*Complete two consecutive terms (at least 6 hours) of a non-English language* 6+ hrs

## *Choose one concentration:*

## Music Education Concentration 38 hrs

*NOTE:* Students seeking Texas teacher certification in EC-12 All-Level Music must complete an Education Content Curriculum major and stay current on their benchmark process. Contact the College of Education for more information.

| | | | |
|---|---|---|---|
| MUS | 3223 | Advanced Conducting Techniques | 2 hrs |
| MUS | 3331 | Music Pedagogy | 3 hrs |
| MUS | 2115 | Woodwind Methods | 1 hr |
| MUS | 2120 | Strings Methods | 1 hr |
| MUS | 2125 | Percussion Methods | 1 hr |
| MUS | 2130 | Brass Methods | 1 hr |
| MUS | 4105 | Music Recital | 1 hr |
| MUS | - | Proficiency in both primary and secondary instrument | - |
| *Complete one course from the following:* | | | |
| MUS | 3225 | Music Ensemble Pedagogy in Secondary Education | 2 hrs |
| MUS | 3234 | Vocal Pedagogy | 2 hrs |
| MUS | 3235 | Guitar Pedagogy | 2 hrs |
| MUS | 3233 | Piano Pedagogy | 2 hrs |
| *Complete 6 credits of lessons in your primary instrument from the following:* | | | |
| MUS | 1210 | Piano | 2 hrs |
| MUS | 1211 | Guitar | 2 hrs |
| MUS | 1212 | Organ | 2 hrs |
| MUS | 1215 | Woodwinds | 2 hrs |
| MUS | 1216 | Brass | 2 hrs |
| MUS | 1217 | Percussion | 2 hrs |
| MUS | 1218 | Strings | 2 hrs |
| MUS | 1219 | Voice | 2 hrs |
| *Complete 8 credits of lessons in your primary instrument from the following:* | | | |
| MUS | 3210 | Piano | 2 hrs |
| MUS | 3211 | Guitar | 2 hrs |
| MUS | 3212 | Organ | 2 hrs |
| MUS | 3215 | Woodwinds | 2 hrs |
| MUS | 3216 | Brass | 2 hrs |
| MUS | 3217 | Percussion | 2 hrs |
| MUS | 3218 | Strings | 2 hrs |
| MUS | 3219 | Voice | 2 hrs |
| *Complete 2 credits of lessons in your secondary instrument, either through lessons or ensemble participation:* | | | |
| MUS | - | Any MUS Lesson course or Ensemble (different from primary instrument) | Varies |
| *Complete 7 credits in Ensemble participation (taken each semester):* | | | |
| MUS | 1124 | University Singers | 1 hr |
| MUS | 1128 | Symphonic Winds | 1 hr |
| *Complete 3 credits from the following:* | | | |
| REL | 3345 | Theology of Worship | 3 hrs |
| REL | 3343 | Christian Teachings | 3 hrs |
| REL | 3381 | Major World Religions | 3 hrs |

## Audio Production Concentration 25 hrs

| | | | |
|---|---|---|---|
| MUS | 3334 | Audio Production Fundamentals and Techniques | 3 hrs |
| MUS | 3335 | Advanced Audio Production: Sound Sculpting | 3 hrs |
| MUS | 3333 | Human Music Production Collaborations with GenAI | 3 hrs |
| MUS | 3339 | SoundCraft: The Art of Live Sound | 3 hrs |
| BADM | 1310 | Introduction to Business and Entrepreneurship | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 2310 | Global Business and Concentration | 3 hrs |
| MUS | 4105 | Music Recital | 1 hrs |
| *Complete 3 credits from the following:* | | | |
| REL | 3345 | Theology of Worship | 3 hrs |

| | | | |
|---|---|---|---|
| REL | 3343 | Christian Teachings | 3 hrs |
| REL | 3381 | Major World Religions | 3 hrs |

| Applied Music Concentration | | | 27 hrs |
|---|---|---|---|
| MUS | 4105 | Music Recital | 1 hr |
| BADM | 1310 | Introduction to Business and Entrepreneurship | 3 hrs |
| MUS | - | *Proficiency in both primary and secondary instrument* | - |
| *Complete a minimum of 12 credits from the following:* | | | |
| MUS | 3331 | Music Pedagogy | 3 hrs |
| MUS | 2115 | Woodwind Methods | 1 hr |
| MUS | 2130 | Brass Methods | 1 hr |
| MUS | 2120 | Strings Methods | 1 hr |
| MUS | 2125 | Percussion Methods | 1 hr |
| MUS | 2210 | Diction for Singers | 2 hrs |
| MUS | 3234 | Vocal Pedagogy | 2 hrs |
| MUS | 3235 | Guitar Pedagogy | 2 hrs |
| MUS | 3233 | Piano Pedagogy | 2 hrs |
| MUS | 3338 | Composing and Arranging | 3 hrs |
| MUS | 3332 | Orchestration | 3 hrs |
| MUS | 4112 | Service Playing | 1 hr |
| *Complete 8 total credits of private music instruction in primary instrument:* | | | |
| MUS | - | Any 2-credit MUS Lesson course in primary instrument | - |
| *Complete 3 credits from the following:* | | | |
| REL | 3345 | Theology of Worship | 3 hrs |
| REL | 3343 | Christian Teachings | 3 hrs |
| REL | 3381 | Major World Religions | 3 hrs |

| Music Ministry Concentration | | | 47-55 hrs |
|---|---|---|---|
| REL | 3345 | Theology of Worship | 3 hrs |
| MIN | 1111 | Spiritual Disciplines I | 1 hr |
| MIN | 2220 | Introduction to Ministry | 2 hrs |
| MIN | 4210 | Ministry Practicum I | 2 hrs |
| MIN | 4211 | Ministry Practicum II | 2 hrs |
| MUS | 4105 | Music Recital | 1 hr |
| BADM | 1310 | Introduction to Business and Entrepreneurship | 3 hrs |
| MUS | - | *Proficiency in both primary and secondary instrument* | - |
| *Complete 10-18 credits from the following:* | | | |
| MUS | 3331 | Music Pedagogy | 3 hrs |
| MUS | 2115 | Woodwind Methods | 1 hr |
| MUS | 2130 | Brass Methods | 1 hr |
| MUS | 2120 | Strings Methods | 1 hr |
| MUS | 2125 | Percussion Methods | 1 hr |
| MUS | 2210 | Diction for Singers | 2 hrs |
| MUS | 3234 | Vocal Pedagogy | 2 hrs |
| MUS | 3235 | Guitar Pedagogy | 2 hrs |
| MUS | 3233 | Piano Pedagogy | 2 hrs |
| MUS | 3223 | Advanced Conducting Techniques | 2 hrs |
| MUS | 3338 | Composing and Arranging | 3 hrs |
| MUS | 3332 | Orchestration | 3 hrs |
| *Complete 6 credits of lessons in your primary instrument from the following:* | | | |
| MUS | 1210 | Piano | 2 hrs |
| MUS | 1211 | Guitar | 2 hrs |
| MUS | 1212 | Organ | 2 hrs |
| MUS | 1215 | Woodwinds | 2 hrs |
| MUS | 1216 | Brass | 2 hrs |
| MUS | 1217 | Percussion | 2 hrs |
| MUS | 1218 | Strings | 2 hrs |
| MUS | 1219 | Voice | 2 hrs |
| *Complete 8 credits of lessons in your primary instrument from the following:* | | | |
| MUS | 3210 | Piano | 2 hrs |
| MUS | 3211 | Guitar | 2 hrs |
| MUS | 3212 | Organ | 2 hrs |
| MUS | 3215 | Woodwinds | 2 hrs |
| MUS | 3216 | Brass | 2 hrs |
| MUS | 3217 | Percussion | 2 hrs |
| MUS | 3218 | Strings | 2 hrs |
| MUS | 3219 | Voice | 2 hrs |
| *Complete 2 credits of lessons in your secondary instrument, either via lessons or ensemble participation:* | | | |

| | | | |
|---|---|---|---|
| MUS | - | Any MUS Lesson course or Ensemble (different from primary instrument) | Varies |
| *Complete 7 credits in Ensemble participation (taken each semester):* | | | |
| MUS | 1124 | University Singers | 1 hr |
| MUS | 1128 | Symphonic Winds | 1 hr |

| Director of Parish Music (DPM) Concentration | 7 hrs |
|---|---|

*NOTE:* A student wishing to declare the Director of Parish Music concentration ***must*** major in Music with a concentration in Music Ministry ***and*** also declare the DPM concentration; the DPM concentration cannot be declared without the Music Ministry concentration. Please contact Dr. Jim Marriott for more information.

| | | | |
|---|---|---|---|
| MUS | 4110 | Worship Internship | 1 hr |
| REL | 3343 | Christian Teachings | 3 hrs |
| REL | 3342 | Lutheran Confessions | 3 hrs |

**Music Program Outcomes**

1. Musical Knowledge and Integration: Demonstrate comprehensive knowledge of music across historical periods, theoretical frameworks, and technological applications, while integrating and reflecting on music's role in cultures.
2. Artistic Development and Repertoire Mastery: Develop technical proficiency, musicality, and artistic expression through the study of diverse musical traditions, styles, and repertoire, with attention to both sacred and secular works that enrich life, worship, and community.
3. Vocational Preparation and Servant Leadership: Prepare for meaningful vocations as educators, church musicians, directors, composers, pedagogues, performers, audio producers, engineers, and music industry professionals by demonstrating appropriate music knowledge and skills to serve others with their musical gifts and leadership.
4. Collaborative Excellence and Community Engagement: Cultivate individual and ensemble excellence in performance while fostering a spirit of collaboration, mutual support, and engagement with campus, church, and broader communities.
5. Scholarly Inquiry and Ethical Practice: Demonstrate scholarly integrity through accurate and thorough research of music and musicians, applying critical thinking skills to examine the cultural, historical, and spiritual dimensions of musical expression.

**Music Program – Concentration Outcomes**

- Music Ministry students will demonstrate the musical, theological, and leadership competencies necessary to effectively plan, coordinate, and lead Christian worship services that engage congregations and honor sacred traditions.
- Director of Parish Music Students will integrate advanced musical leadership with thorough knowledge of Lutheran Church-Missouri Synod doctrine, liturgical practices, and hymnody to serve congregations through theologically sound and artistically excellent worship leadership.
- Music Education students will apply pedagogical knowledge, diverse teaching methodologies, and musical expertise to design, implement, and assess developmentally appropriate music curricula and ensemble experiences across various educational settings.
- Applied Music students will exhibit professional-level performance skills, artistic interpretation, and specialized knowledge in composition, pedagogy, or performance that prepare graduates for continued study or entry into music-related vocations.
- Audio Production students will utilize industry-standard and emerging technologies, production techniques, and business practices to create, capture, and distribute high-quality audio content while demonstrating professional ethics and adaptability in evolving media landscapes.

## Art Minor

| Art Minor | 18 hrs |
|---|---|

*NOTE: This minor is offered in the following modalities: traditional only.*

| | | | |
|---|---|---|---|
| *Complete one Survey course from the following:* | | | |
| ART | 1305 | Introduction to Art History: Modern | 3 hrs |
| ART | 1315 | Art Theory and History | 3 hrs |
| *Complete two lower-level Studio courses from the following:* | | | |
| ART | 1306 | Drawing Media | 3 hrs |
| ART | 1308 | Photography | 3 hrs |
| ART | 2310 | Studio Glass: Slumping | 3 hrs |

| | | | |
|---|---|---|---|
| ART | 2320 | Ceramics | 3 hrs |
| *Complete three upper-level courses from the following:* | | | |
| ART | 3312 | Painting | 3 hrs |
| ART | 3308 | Color | 3 hrs |
| ART | 4312 | Painting II | 3 hrs |
| ART | 4306 | Art as Vocation | 3 hrs |

## Music Minor

| Music Minor | | | 20 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| MUS | 2334 | Music Theory I | 3 hrs |
| MUS | 1332 | Music Fundamentals | 3 hrs |
| MUS | 2118 | Aural Skills I | 1 hr |
| MUS | 2333 | Music Technology | 3 hrs |
| *Complete at least one course from the following:* | | | |
| MUS | 3343 | Western Musicology: Ancient to Modern Eras | 3 hrs |
| MUS | 2351 | Ethnomusicology: World Music | 3 hrs |
| MUS | 3345 | History of Church Music | 3 hrs |
| MUS | 2340 | History of Jazz | 3 hrs |
| MUS | 1333 | American Popular Music | 3 hrs |
| *Complete a minimum of 7 credits from the following:* | | | |
| MUS | 1124 | University Choir (may be repeated each semester) | 1 hr |
| MUS | 1128 | Symphonic Winds (may be repeated each semester) | 1 hr |
| MUS | 1133 | Chapel Music Ensemble (may be repeated each semester) | 1 hr |
| MUS | 2210 | Diction for Singers | 2 hrs |
| MUS | 2115 | Woodwind Methods | 1 hr |
| MUS | 2120 | Strings Methods | 1 hr |
| MUS | 2125 | Percussion Methods | 1 hr |
| MUS | 2130 | Brass Methods | 1 hr |
| MUS | 2214 | Basic Conducting Techniques | 2 hrs |
| MUS | 2335 | Music Theory II | 3 hrs |
| MUS | 2336 | Music Theory III | 3 hrs |
| MUS | 3223 | Advanced Conducting Techniques | 2 hrs |
| MUS | 3235 | Guitar Pedagogy | 2 hrs |
| MUS | 3233 | Piano Pedagogy | 2 hrs |
| MUS | 3234 | Vocal Pedagogy | 2 hrs |
| MUS | 3331 | Music Pedagogy | 3 hrs |
| MUS | 3332 | Orchestration | 3 hrs |
| MUS | 3338 | Composing and Arranging | 3 hrs |
| MUS | 3362 | Worship and Music | 3 hrs |
| MUS | 4112 | Service Playing | 1 hr |
| REL | 3345 | Theology of Worship | 3 hrs |
| MUS | - | Private Music Instruction (1-2 credits per semester) | Varies |

## Worship and the Arts Minor

| Worship and the Arts Minor | | | 20 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| COM | 3303 | Communication in the Church | 3 hrs |
| THEA | 1322 | Fundamentals of Acting | 3 hrs |
| MUS | 3362 | Worship and Music | 3 hrs |
| MUS | 2214 | Basic Conducting Techniques | 2 hrs |
| REL | 3345 | Theology of Worship | 3 hrs |
| *Complete three courses from the following:* | | | |
| MUS | 1110 | Piano-Keyboard | 1 hr |
| MUS | 1114 | Guitar | 1 hr |
| MUS | 1124 | University Singers | 1 hr |
| MUS | 1128 | Symphonic Winds | 1 hr |
| MUS | 1119 | Voice Lessons | 1 hr |
| *Complete one course from the following:* | | | |
| ART | 1303 | Introduction to Studio Art | 3 hrs |
| COM | 2314 | Communication Technology | 3 hrs |

# School of Humanities and Social Sciences

*Dr. Ann Schwartz, School Director*

## Mission and Overview

Students in Concordia's School of Humanities and Social Sciences benefit from a classical liberal arts education that provides a broad base of knowledge and develops keen critical thinking skills. The School offers a diverse range of courses and learning experiences that promote a deeper understanding of the world and the human experience. Students can choose from 8 majors within the Bachelor of Arts (BA) degree and numerous minors and are also encouraged to complete an internship before graduation. The School also provides courses to support the general education curriculum across majors and programs of the university.

*Why choose a Behavioral Sciences major?*

Have you ever wondered why people do what they do? Do you want to use knowledge about human behavior to make a positive difference in the lives of others? The Behavioral Sciences major provides students with the exciting study of the "person in environment." With a holistic understanding of human behavior, Behavioral Sciences majors will be well prepared to enter a broad range of careers in:

- Social work
- Child welfare
- Government
- Non-profit organizations
- Businesses
- Ministry settings

*Why choose a Criminal Justice and Criminology major?*

This major seeks to prepare educated and compassionate public servants for vocation in the criminal justice system. Students will be well positioned to pursue vocations predominantly in the government sector in criminal justice, or public policy and governance. They also are prepared to serve in non-government organizations (NGOs).

*Why choose an English major?*

English course work emphasizes clear, concise, careful, and correct writing and prepares a student to succeed as a writer, editor, and creator problem solver in a variety of language-critical professions. In professional settings, English majors are found in such positions as:

- Museum directors
- College Administration
- Television anchors
- Economists
- Astronauts
- Clergy
- Songwriters
- Business executives
- Supreme Court Justices
- Medical doctors
- College professors

*Why choose a History major?*

The History major offers flexibility in coursework as students explore their interests. Students will strengthen their information-gathering abilities, along with their organizational, analytical, research, and communication skills. Students graduating with a History major will have opportunities to move into:

- Graduate school

- Law school
- Ministry
- Education
- Museum and archives
- Government service
- Law enforcement
- Military intelligence
- Private business

*Why choose a Multidisciplinary Studies major?*
In the Multidisciplinary Studies major, students select two areas of interest and craft their own, personalized degree plan following the guidelines set forth by the College of Arts and Sciences. This major is perfect for the student who wants to pursue more than one passion, and seeks maximum flexibility in his/her undergraduate experience. A Capstone course is required to help prepare each student for his/her post-undergraduate plans, whether that be attending graduate school or launching a career.

*Why choose a Law and Policy major?*
If you were to look at the movers and shakers of the 20th century, it's likely that you would find that many of them majored in Law and Policy. Put simply, Political Science is the intensive study of power and influence. Who has it, who doesn't, and why or why not. If you want to learn to make history instead of just passively watching it pass you by, Law and Policy may be the major for you. Students with a Law and Policy major have the knowledge and skills to move into careers such as:

- Political activist or lobbyist
- Attorney
- Campaign operative
- City, state, or federal administrator
- Public Affairs advisor
- Corporate Information analyst
- Legislative Issues manager
- Foreign Service officer
- Journalist

*Why choose a Psychology major?*
As a psychology major, you will learn about theory, research, and practice of psychological science. Through your coursework you will enhance personal skills such as written communication and critical thinking. In addition, you will be able to take your understanding of people and groups into the "real world" to positively impact people around you. It is our hope that Psychology will be more than simply a major for you: we believe your journey through the field of Psychology will also promote a particular "way of being" towards others. Simply put, not only will you learn about the academic side of Psychology, but your experiences in the major will fundamentally and positively impact how you perceive and relate to others, whether at school, at work, or in your day-to-day interactions with family and/or friends. By the time you graduate, you will be prepared for a multitude of professions, including those in mental health services, human factors research, private industry, medicine, law, law enforcement, and the military.

*Why choose a Sociology major?*
The Sociology major enables students to see the world through a new perspective. Through developing a sociological imagination, students become aware of how social forces shape individual lives, and with this understanding, how they can contribute to positive social change through research, policy, service, and advocacy. Students can choose from four concentrations for in depth study: Social Welfare, Criminology, Latinx Studies, and a General Concentration based on a student's interests. The major prepares individuals to serve in a wide range of careers and to be well-equipped for many graduate programs.

# BA - Behavioral Sciences

*Program Coordinator: Dr. Ann Schwartz*
*CIP: 45.0101*

The mission of the Behavioral Sciences major at Concordia University Texas is to provide students with a rigorous scientific education in psychology and sociology which, grounded in a Lutheran ethos and liberal arts philosophy, equips students to think critically about human behavior and the social world and subsequently, about ways to promote human well-being through their future vocations. Through the study of the person in environment--enhanced through research training, experiential learning, travel courses, and co-curricular opportunities--students encounter the complexity of diverse human beings, created in God's image (*imago dei*) but living together in a fallen world. In response, students are encouraged to help individuals grow in psychological health, use research to solve problems at various systemic levels, and work for justice for all people.

Behavioral Sciences majors are able to choose from two tracks: General and Child Life Professional. The General track prepares students for a variety of careers, including social work and social services positions. The Child Life Professional track equips students to work with children in many settings and specifically, to prepare to become a Child Life Specialist.

Due to the significant amount of overlap in course content between Behavioral Sciences major, and the Psychology and Sociology majors, students may not:

- Complete majors in both Behavioral Sciences and Psychology
- Complete a major in Behavioral Sciences and a minor in Psychology
- Complete a major in Psychology and a minor in Behavioral Sciences
  *or*
- Complete majors in both Behavioral Sciences and Sociology
- Complete a major in Behavioral Sciences and a minor in Sociology
- Complete a major in Sociology and a minor in Behavioral Sciences
  *and*
- Behavioral Sciences majors may also not complete a minor in Social Welfare or Child and Youth Sports.

Students are also encouraged to take *MTH 1323 Quantitative Literacy* (or a higher-level course) to fulfill their mathematics requirement.

*This major and its concentrations are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Behavioral Sciences Major** | | | **30 hrs** |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| SOC | 1301 | Introduction to Sociology (†) | 3 hrs |
| SOC/PSY | 3330 | Social Psychology | 3 hrs |
| SOC | 3305 | Introduction to Social Work (Capstone) | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |
| PSY/SOC | 2341 | Statistics for the Behavioral Sciences | 3 hrs |
| PSY/SOC | 2391 | Research Methods in the Behavioral Sciences | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| SOC | 3307 | Social Inequality: Class, Status, and Power | 3 hrs |
| SOC | 33xx | Gender and Sexuality | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Choose one concentration:* | | | |
| **Generalist Concentration** | | | **24 hrs** |

| | | | |
|---|---|---|---|
| *Complete two courses (6 hrs) from the following:* | | | |
| *NOTE:* At least one course must be a Human Development course, denoted by an asterisk | | | |
| PSY | 2301 | Lifespan Development* | 3 hrs |
| PSY | 3351 | Child Development* | 3 hrs |
| PSY | 3353 | School Age Development* | 3 hrs |
| PSY | 3341 | Psychopathology | 3 hrs |
| PSY | 3332 | Personality Theories | 3 hrs |
| PSY | 3335 | Learning and Memory | 3 hrs |
| PSY/COM | 3325 | Interpersonal Relationships | 3 hrs |
| PSY/COM | 3304 | Group Dynamics | 3 hrs |
| PSY | 4360 | Topics in Behavioral Sciences | 3 hrs |
| *Complete two courses (6 hrs) from the following:* | | | |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| SOC | 3307 | Social Inequality: Class, Status, and Power | 3 hrs |
| SOC | 33xx | Gender and Sexuality | 3 hrs |
| SOC | 3302 | Marriage and Family | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| SOC | 3309 | Death and Dying | 3 hrs |
| SOC | 3303 | Social Gerontology | 3 hrs |
| SOC | 3321 | Sociological Theory | 3 hrs |
| SOC/CRIJ | 3311 | Criminology and Crime | 3 hrs |
| SOC | 4360 | Topics in Behavioral Sciences | 3 hrs |
| *Complete two courses (6 hrs) from the following:* | | | |
| PSY/SOC | 3342 | Understanding Family Systems | 3 hrs |
| PSY/SOC | 3352 | The Power of Play: Introduction to Play Theory and Application | 3 hrs |
| SOC/SWK | 33xx | Child Welfare System | 3 hrs |
| PSY | 3331 | Introduction to Counseling | 3 hrs |
| SOC | 3306 | Social Welfare and Social Policy | 3 hrs |
| SOC/PSY | 4310 | Behavioral Sciences Internship | 3 hrs |
| *Complete 6 additional credits in any courses listed in the three sections above* | | | 6 hrs |

| Child Life Professional Concentration | | | 26 hrs |
|---|---|---|---|
| PSY | 3351 | Child Development | 3 hrs |
| PSY | 3353 | School Age Development | 3 hrs |
| PSY/SOC | 3342 | Understanding Family Systems | 3 hrs |
| PSY/SOC | 3352 | The Power of Play: Introduction to Play Theory & Application | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| SOC | 3309 | Death and Dying | 3 hrs |
| PSY/SOC | 3354 | Introduction to Child Life<br>***NOTE:*** This course may be substituted for another upper-level PSY or SOC course with program coordinator approval. | 3 hrs |
| PSY | 3331 | Introduction to Counseling | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC/PSY | 4310 | Behavioral Sciences Internship | 3 hrs |
| SOC/PSY | 4210 | Child Life Practicum | 2 hrs |

***NOTE:*** Students who complete the Child Life Professional Concentration may be eligible to become a certified Child Life Specialist after meeting additional post-graduation requirements. Please contact the Program Coordinator for more information about this option.

**Behavioral Sciences Program Outcomes**

1. Students completing the baccalaureate program in Behavioral Sciences will have mastered a basic working knowledge of the major concepts in the fields of sociology and psychology, the primary disciplines that comprise the major, and will be prepared for their first position in the field and/or graduate school admission.
2. Students will attain competence in basic behavioral science research skills.
3. Students will demonstrate cross-cultural awareness and sensitivity.

## BA - Criminal Justice and Criminology

*Program Coordinator: Dr. Bruce Reese*
*CIP: 45.0401*

The Criminal Justice and Criminology major is designed to offer a strong theoretical and practical foundation in the related fields of criminal justice and criminology, viewing both fields through a Christian lens. Students are prepared for careers in a diverse array of positions or for entry into graduate or professional programs. Restorative justice concepts are included while developing Christian leaders whose vocation will be to deal with crime in all of its forms, levels, participants, and consequences.

In combination with thirty-one credit hours of required courses, CRIJ students will select twelve credit hours of courses in a general concentration. The Generalist Concentration is designed for the student who desires a career in local, state, or federal law enforcement communities or as preparation for graduate studies. Individual courses to fulfill the concentration portion of the requirement should be discussed with the program director directly, in order to match course work with students' future careers. Students interested in an introduction to this discipline are advised to take CRIJ 1301-Introduction to Criminal Justice. This course counts toward the requirements for the major.

*This major and each concentration are offered in the following modalities: traditional and online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| | | | |
| **Criminal Justice & Criminology Major** | | | **42-43 hrs** |
| CRIJ | 1301 | Introduction to Criminal Justice | 3 hrs |
| CRIJ | 3311 | Criminology | 3 hrs |
| CRIJ | 3314 | Ethics in Criminal Justice | 3 hrs |
| PSY | 2341 | Statistics in Behavioral Sciences | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |
| CRIJ | 3377 | Gender and Crime | 3 hrs |
| CRIJ | 3388 | Race and Punishment | 3 hrs |
| CRIJ | 3302 | Criminal Law | 3 hrs |
| CRIJ | 4350 | Capstone Course | 3 hrs |
| *Complete one course from the following:* | | | |
| CRIJ | 2313 | Corrections, Probation, and Parole | 3 hrs |
| CRIJ | 2328 | Police Systems and Practices | 3 hrs |
| *Complete one course from the following:* | | | |
| PSY | 2391 | Research Methods for the Behavioral Sciences | 3 hrs |
| CRIJ/POLS | 3335 | Social Science Methods | 3 hrs |
| | | | |
| **Global/Cultural Coursework** | | | |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| | | | |
| **Generalist Concentration** | | | **12 hrs** |
| *NOTE:* This concentration is required of all Criminal Justice & Criminology majors. | | | |
| CRIJ | - | Minimum of 12 additional upper-level credits in CRIJ courses | |

**Criminal Justice and Criminology Program Outcomes**

Student Learning Outcomes include students' demonstration of a thorough understanding of the following:

1. Core criminal justice areas (law enforcement, courts, and corrections); ethics; law; types of crime, criminological and punitive theories; and the interplay between faith and justice, including restorative justice concepts;
2. Effective oral and written communication practices;
3. Basic social science research methods;
4. Significant problems and potential solutions within the existing CJS framework;
5. Career paths inside and outside of the Criminal Justice System.

## BA - English

*Program Coordinator: Dr. Jeffrey Utzinger*
*CIP: 23.0101*

The English major empowers students from all backgrounds with a high level of skill in critically reading and writing. This program prepares students to understand the evolution, character, and diversity of literatures in English and English translations; cultivates compassion through a study of literature by authors from diverse

backgrounds; and prepares students for leadership roles by emphasizing the power of printed texts to create, illuminate, unite, and resolve conflicting ideas.

All students are required to take ENG 1316 Academic Research & Writing and ENG 1317 Introduction to Literature. These courses fulfill the Written Communication and English Literature Concordia Common Experience requirements, respectively.

*This major and each concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| English Major | | | 42 hrs |
|---|---|---|---|
| ENG/HIS | 1318 | Technology for the Humanities | 3 hrs |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| ENG | 2303 | American Literature | 3 hrs |
| ENG | 2305 | Survey of British Literature | 3 hrs |
| ENG | 2307 | Introduction to Literary Criticism | 3 hrs |
| ENG | 3305 | Poetry | 3 hrs |
| ENG | 3303 | Short Story | 3 hrs |
| ENG | 3302 | Drama | 3 hrs |
| ENG | 4301 | Special Topics in Literature | 3 hrs |
| ENG | 4201 | Senior Thesis I | 2 hrs |
| ENG | 4101 | Senior Thesis II (Capstone) | 1 hr |
| *Complete one course from the following:* | | | |
| REL | 3333 | Intro to Christian Ethics | 3 hrs |
| REL | 3362 | Narnia Meets Middle Earth | 3 hrs |
| REL | 3381 | Major World Religions | 3 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete an approved global/cultural course (to be determined by Program Coordinator)* | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

***Choose one concentration:***

| Literature Concentration | | | 12 hrs |
|---|---|---|---|
| ENG | 3323 | Shakespeare | 3 hrs |
| ENG | 3341 | Hispanic Writers of the US | 3 hrs |
| ENG | 4301 | Special Topics in Literature (must be different topic) | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3301 | The Novel – British | 3 hrs |
| ENG | 3308 | The Novel – American | 3 hrs |

| Writing Concentration | | | 12 hrs |
|---|---|---|---|
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| ENG | 3314 | Creative Writing | 3 hrs |

| English Education Concentration | | | 12 hrs |
|---|---|---|---|
| *NOTE:* This concentration reserved for students double-majoring in Education Content Curriculum. | | | |
| EDU | 3332 | Teaching Writing with Adolescent Literature | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3323 | Shakespeare | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 2304 | Children's Literature | 3 hrs |
| ENG | 3301 | The Novel – British | 3 hrs |
| ENG | 3308 | The Novel – American | 3 hrs |

**English Program Outcomes**

When students graduate with a degree in English, they will be able to:

1. produce organized, thoughtful, grammatically clear, mature, and well supported responses to a variety of events and printed texts,
2. express in print and speech an understanding of the significance of a variety of events and printed texts from multiple viewpoints; and
3. suggest strategies for resolving conflicts that emerge from events and printed texts.

# BA - History

*Program Coordinator: Dr. Matthew Bloom*
*CIP: 54.0101*

The History major prepares students for compassionate action and courageous leadership in a highly complex and demanding society by developing their minds and fostering their ability to understand more deeply the origin and impact of major political and cultural developments, economic trends, and social movements; appreciate and respect the diversity of their own rich heritage, as well as that of others; and responsibly interpret the world around them through the use of critical thinking and communication skills as they live lives of service. By strengthening students' information-gathering abilities, along with their organizational, analytical, research, and communication skills, the History major has prepared graduates for graduate and law school, and for professions in the ministry, higher education administration, government, law enforcement, military intelligence, and private business, just to name a few.

Students interested in an introduction to this discipline are advised to take HIS 1301 United States to 1877. This course counts toward the requirements for the major.

*This major and each concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **History Major** | | | **60 hrs** |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| HIS/ENG | 1318 | Technology for the Humanities | 3 hrs |
| HIS | 2301 | Historical Methods | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS | 3306 | Introduction to Public History | 3 hrs |
| HIS | 4201 | Senior Thesis (Capstone) | 2 hrs |
| HIS | 4101 | Senior Thesis Completion | 1 hr |
| HIS | - | 9 credits of additional upper-level courses in HIS | 9 hrs |
| *Complete one course from the following:* | | | |
| HIS | 3314 | Traditions and Values of Classical Civilizations | 3 hrs |
| HIS | 3352 | History of the Middle Ages | 3 hrs |
| *Complete one course from the following:* | | | |
| HIS | 3301 | History of Mexico | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3321 | International Relations Since 1919 | 3 hrs |
| *Complete one course from the following:* | | | |
| HIS | 3340 | The American Revolution Era | 3 hrs |
| HIS | 3341 | The Civil War Era | 3 hrs |
| HIS | 3342 | American West | 3 hrs |
| HIS | 3343 | Post-WWII America | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3312 | Business & Technical Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| *Complete one course from the following:* | | | |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| REL | 3353 | American Christianity | 3 hrs |
| REL | 3381 | Major World Religions | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete an approved global/cultural course (to be determined by Program Coordinator)* | | | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |

**History Program Outcomes**

When students graduate with a degree in History, they will be able to:

1. take a position and support it through written and/or oral communication;

2. make connections among past events and ideas as the events and ideas directly relate to present and future societal, cultural and cross-cultural, political, economic, religious events and ideas;
3. recognize change and continuity in political, economic, social, cultural, and religious events and ideas in individual institutions (e.g. societies, nation-states, kingdoms, civilizations) and across multiple institutions and/or cultures;
4. recognize causes and effects of political, economic, social, cultural, and religious events and ideas in individual institutions (e.g. societies, nation-states, kingdoms, civilizations) and across multiple institutions and/or cultures;
5. and investigate how to apply historical thinking skills to problems outside the classroom to prepare for meaningful work.

## BA - Law and Policy

*Program Coordinator: Dr. Brent Burgess*
*CIP: 22.0000*

The Law and Policy major at Concordia University Texas is designed to provide students with a basis of understanding related to the areas of law and policy. Designed with future law students and policy practitioners in mind, the program provides an interdisciplinary approach that leads to the understanding and appreciation of the concepts, perspectives, challenges and opportunities faced by those wishing to participate in the legal and political realms.

Due to the significant amount of overlap in course content between the Law and Policy major, and the Political Science and Legal Studies minors, students may not:

- Complete a major in Law and Policy and a minor in Political Science
- Complete a major in Law and Policy and a minor in Legal Studies
- Complete a major in Law and Policy and minor in both Political Science and a minor in Legal Studies

*This major and each concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Law and Policy Major** | | | **48 hrs** |
| *Complete one course from the following:* | | | |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| POLS | 2371H | Honors American Politics<br>***NOTE:*** Students with transfer credit for POLS 1303 are advised to register for POLS 2371H. | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| *Complete one course from the following:* | | | |
| REL | - | Any upper-level Religion course | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |
| *Complete one course from the following:* | | | |
| POLS | 3334 | Political Philosophies and Ideologies | 3 hrs |
| POLS | 4346 | Ethics of Power and Justice | 3 hrs |
| PHL | 3301 | Survey of Western Philosophy | 3 hrs |
| *Complete each of the following:* | | | |
| POLS | 3321 | Public Policy | 3 hrs |
| POLS | 3322 | Introduction to Law | 3 hrs |
| POLS | 3302 | American Constitutional Law | 3 hrs |
| POLS | 3345 | Rights of the Criminally Accused | 3 hrs |
| POLS | 3332 | American Political Institutions & Processes (Capstone) | 3 hrs |
| POLS | 3333 | International Relations and Comparative Politics | 3 hrs |
| POLS/CRIJ | 3335 | Social Science Methods | 3 hrs |
| *Complete at least 6 credits from the following:* | | | |
| POLS | 2110 | Government Internship (variable credit based on nature of internship) | 1-6 hrs |
| POLS | 2116/2216 | Political Science Practicum (can be repeated for credit) | 3 hrs |
| POLS | 4136 | Political Science Thesis | 1 hr |
| - | 3398 | Any University-sponsored National/International Travel Course | 3 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete an approved global/cultural course (to be determined by Program Coordinator)* | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

**Law and Policy Program Outcomes**

The Law and Policy Degree program at Concordia University Texas focuses on the development of four main Outcomes. These competencies are (1) Critical Thinking & Logic, (2) Skills, (3) Writing & Research, and (4) Conceptual Literacy & Mastery. Every three-hour course in the Law and Policy program addresses at least two of these program outcomes in either a primary or secondary role. Courses that are one or two credit hours only support one program outcome.

1. Critical Thinking & Logic (CT): Graduates should be able to think critically and logically about a variety of legal, social, and political issues. In general, this outcome is satisfied through the use of Socratic dialog and unbiased reasoning within the program's coursework.
2. Skills (S): Graduates should have a basic level of professional competency in the skill set most closely related to their professional goals. This program outcome is satisfied through completion of practicum, leadership, and internship experiences.
3. Writing & Research (WR): Graduates should be able to communicate effectively and scholastically at a high level and be comfortable with conducting intermediate level academic research. This program outcome is satisfied though intensive research projects and presentations and potentially the completion of an undergraduate thesis.
4. Conceptual Literacy & Mastery (CL): Graduates will understand the core competencies, vocabulary and lexicon of the legal and political academic discipline and general legal and political processes. This is satisfied through concerted concept redundancy within the program's coursework.

## BA - Multidisciplinary Studies

*Program Chair: Dr. Nickles Chittester*
*CIP: 24.0101*

The Multidisciplinary Studies major allows students to focus on two areas of academic study, giving them an opportunity to customize their collegiate experience by bringing together disparate academic disciplines to serve their unique vocational goals.

*This major and most concentrations are offered in the following modalities: traditional and fully online. Not all concentrations are available in every modality. See the concentration list below for further details.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Supporting Coursework** | | | **9 hrs** |
| *Complete 9 hours from the following:* | | | |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| - | - | MUS 2350 Intro to World Music & Culture + 1 Fine Art Credit | 4 hrs |
| PHL | 3301 | Survey of Western Philosophy | 3 hrs |
| POLS | 1303 | American Government and Citizenship | 3 hrs |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| **Multidisciplinary Studies Major** | | | **50 hrs** |
| MDS | 42xx | Multidisciplinary Studies Capstone | 2 hrs |
| REL | 3333 | Intro to Christian Ethics | 3 hrs |
| **Global/Cultural Coursework** | | | |
| PHL 3301 Survey of Western Philosophy | | | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Concentration #1 (from list below)* | | | 18 hrs |
| *Concentration #2 (from list below)* | | | 18 hrs |

**List of Concentrations**
Choose two concentration areas from the list below.

In each concentration area the student must complete 18 credit hours; 12 of these must be upper-level. Some concentrations may have specific course options and/or requirements. Of the 12 upper-level credit hours, at least 6 hours in each concentration must be taken from Concordia University Texas. Courses cannot double-count from one eighteen-hour concentration to another, nor can they double count from the Supporting Coursework list.

***NOTE*:** Concentrations with a prescribed set of course options and/or requirements are noted in bold. Current concentration requirements, including those for concentrations with prescribed set of course options and/or requirements, are visible through the DegreeWorks platform.

*Traditional Modality Only*

| | |
|---|---|
| **Behavioral Sciences** | Cannot pair with PSY or SOC concentration |
| Biology | |
| Chemistry | |
| **Child and Family Studies** | |
| Classical/Biblical Languages | |
| English | |
| **Entrepreneurship** | |
| Environmental Science | |
| **Fine Arts** | |
| **Hispanic Studies** | |
| History | |
| Kinesiology | |
| **Legal Studies (Pre-Law)** | |
| Mathematics | |
| Ministry | |
| Music | |
| **Physical and Earth Science** | |
| Political Science | |
| Religion | |
| **Social Justice** | |
| **Social Welfare** | |
| Sociology | |

*Traditional or Online Modality*

| | |
|---|---|
| **Accounting & Financial Management** | |
| **Business** | |
| Communication | |
| Computer Science | |
| Criminal Justice & Criminology | |
| **Digital Humanities & Video Gaming** | |
| **Human Resource Management** | |
| **Leadership Studies** | Online modality only |
| **Marketing** | |
| **Management** | |
| Psychology | |

**Multidisciplinary Studies Program Outcomes**

1. Multidisciplinary Majors will identify and demonstrate effective written and oral communication across a variety of mediums (e.g., research papers, public presentations, and team collaborations).
2. Multidisciplinary Majors will participate in service-learning projects (e.g., through course assignments) in support of Concordia's mission.
3. Multidisciplinary Majors will demonstrate expertise in a field of study through their internships, capstone, and experiential learning activities.

# BA - Psychology

*Program Coordinator: Dr. Monica Yndo*
*CIP: 42.0101*

The Psychology Major is designed to provide students a Christian environment in which to gain knowledge of core tenets of the discipline, with special emphasis on writing proficiency and career preparation. The major intentionally encourages students to take advantage of program offerings beyond the classroom such as symposia, informational workshops, internships, research experience, and study abroad opportunities.

Students interested in an introduction to this discipline are advised to take PSY 1311 Introduction to Psychology. This course counts toward the requirements for the major.

Due to the significant amount of overlap in course content between Behavioral Sciences major, and the Psychology and Sociology majors, students may not:

- Complete majors in both Behavioral Sciences and Psychology
- Complete a major in Behavioral Sciences and a minor in Psychology
- Complete a major in Psychology and a minor in Behavioral Sciences

*This major is offered in the following modalities: traditional and fully online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Supporting Coursework** | | | **9 hrs** |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| PSY | 2303 | Lutheran Ethos and Psychology | 3 hrs |
| **Psychology Major** | | | **42-43 hrs** |
| PSY | 2300 | Careers and Vocation in Psychology | 3 hrs |
| PSY | 2341 | Statistics for the Behavioral Sciences | 3 hrs |
| PSY | 2391 | Research Methods in the Behavioral Sciences | 3 hrs |
| PSY | 3302 | Cognitive Psychology | 3 hrs |
| PSY | 3330 | Social Psychology | 3 hrs |
| PSY | 3332 | Personality Theory | 3 hrs |
| PSY | 4305 | Scientific Writing in Behavioral Sciences (Capstone) | |
| *Complete two courses from the following:* | | | |
| PSY | 3305 | Learning and Memory | 3 hrs |
| PSY | 3306 | Sensation and Perception | 3 hrs |
| PSY | 3303 | Neuropsychology | 3 hrs |
| PSY | 3335 | Health Psychology | 3 hrs |
| PSY | 3350 | Biopsychology | 3 hrs |
| PSY | 3406 | Animal Behavior | 4 hrs |
| *Complete two courses from the following:* | | | |
| PSY | 3331 | Introduction to Counseling | 3 hrs |
| PSY | 3341 | Psychopathology | 3 hrs |
| PSY | 2302 | Human Sexuality and Gender | 3 hrs |
| PSY/COM | 3304 | Group Dynamics | 3 hrs |
| PSY/COM | 3325 | Interpersonal Relationships | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Complete one course from the following:* | | | |
| BADM | 2310 | Global Business & Communication | 3 hrs |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS/SOC | 3306 | History and Culture of the Mexican American | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3301 | History of Mexico | 3 hrs |

| | | | |
|---|---|---|---|
| HIS | 3314 | Traditions and Values of Classical Civilizations | 3 hrs |
| PHL | 3301 | Survey of Western Philosophy | 3 hrs |
| PSY | 3607 | Psychology of Travel | 6 hrs |
| PSY | 3608 | Cross Cultural Psychology | 6 hrs |
| PSY | 3398 | History of Psychology in Europe | 6 hrs |

**Psychology Program Outcomes**

1. Graduates will explain major concepts and theoretical perspectives in psychological science and will select and apply appropriate research methods and basic statistical techniques used in the field.
2. Graduates will exercise critical thinking and scientific reasoning to investigate psychological phenomena, apply research design principles, and interpret and evaluate psychological research.
3. Graduates will communicate effectively and uphold established conventions of APA professional guidelines by crafting clear and concise communication, constructing well-reasoned arguments, following APA format, and adhering to APA ethical standards.
4. Graduates will develop ethical and socially responsible values and behaviors in personal, professional, organizational, and institutional settings, as evidenced by their ability to apply psychological principles to real-world problems, evaluate how interpersonal opportunities and challenges arise from diversity-related differences, propose methods to reduce tensions, and articulate the importance of socially responsible values in interpersonal and work-related relationships.

## BA - Sociology

*Program Coordinators: Dr. Ann Schwartz and Dr. Bruce Reese*
*CIP: 45.1101*

The mission of the Sociology major at Concordia University Texas is to provide students with a rigorous scientific education in sociology which, grounded in a Lutheran ethos and liberal arts philosophy, equips students to think critically about human social behavior and the social world and subsequently, about ways to promote human well-being through their future vocations. Through the study of sociology—enhanced through research training, experiential learning, travel courses, and co-curricular opportunities—students encounter the complexity of diverse human beings, created in God's image (Imago Dei) but living together in a fallen world. In response, students are encouraged to use research to solve societal problems, advocate for social change, and work for justice for all people.

This major includes four concentrations, which allow more in depth focus in the topics of Social Welfare, Criminology, Latinx Studies, or another area of a student's interest.

Due to the significant amount of overlap in course content between the Behavioral Sciences major and the Sociology major, students may not:

- Complete majors in both Behavioral Sciences and Sociology
- Complete a major in Behavioral Sciences and a minor in Sociology
- Complete a major in Sociology and a minor in Behavioral Sciences
- Complete a major in Sociology and a minor in Social Justice
- Complete a major in Sociology and a minor in Social Welfare

*This major and each concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Sociology Major** | | | **39 hrs** |
| *Complete one course from the following:* | | | |
| SOC/PSY | 2341 | Statistics for Behavioral Sciences | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| *Complete the following:* | | | |
| SOC | 1301 | Introduction to Sociology (†) | 3 hrs |
| CRIJ/POLS | 3335 | Social Science Research Methods | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |

| | | | |
|---|---|---|---|
| SOC | 33xx | Reading and Reflections on Social Justice | 3 hrs |
| SOC | 3321 | Sociological Theory | 3 hrs |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| SOC | 3307 | Social Inequality: Class, Status, and Power | 3 hrs |
| SOC | 3306 | Social Policy and Social Welfare | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC | 4305 | Social Action Project (Capstone) | 3 hrs |
| SOC | 43xx | Applied Sociological Research (Capstone) | 3 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

*Choose one concentration:*

| Social Welfare Concentration | | | 15 hrs |
|---|---|---|---|
| SOC | 3305 | Introduction to Social Work | 3 hrs |
| SOC | 3302 | Marriage and Family | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| SOC | 3303 | Social Gerontology | 3 hrs |
| *Complete two courses from the following:* | | | |
| BADM/PUBH | 4319 | Immigration, Violence, Disasters, and Health | 3 hrs |
| SOC/CRIJ | 3311 | Criminology and Crime | 3 hrs |
| SOC/PSY | 4310 | Behavioral Sciences Internship | 3 hrs |
| SOC | - | Any upper-level SOC course | 3 hrs |

| Criminology Concentration | | | 15 hrs |
|---|---|---|---|
| SOC/CRIJ | 3311 | Criminology and Crime | 3 hrs |
| SOC/CRIJ | 3377 | Gender and Crime | 3 hrs |
| SOC/CRIJ | 3388 | Race and Punishment | 3 hrs |
| SOC | - | Any upper-level SOC course | 3 hrs |
| CRIJ | - | Any level CRIJ course | 3 hrs |

| Latinx Studies Concentration | | | 15-17 hrs |
|---|---|---|---|
| SOC | 33xx | Latin American Societies | 3 hrs |
| SOC/HIS | 3304 | History and Culture of the Mexican American | 3 hrs |
| ENG | 3341 | Hispanic Writers of the U.S. | 3 hrs |
| *Complete two courses from the following:* | | | |
| POLS | 3333 | International Relations and Comparative Politics | 3 hrs |
| BADM/PUBH | 4319 | Immigration, Violence, Disasters, and Health | 3 hrs |
| HIS | 3301 | History of Mexico | 3 hrs |
| SOC | 3398 | National/international Studies (must involve travel to Lat. Am. country or Latinx-community in U.S.) | 3 hrs |
| SOC | - | Any upper-level course | 3 hrs |
| SPN/PORT | - | Two consecutive levels of Spanish or Portuguese language courses | Varies |

| Generalist Concentration | | | 15 hrs |
|---|---|---|---|
| SOC | - | 15 hours of any SOC course, in addition to those required in the major | |

**Sociology Program Outcomes**

1. Students will build a sociological knowledge base which allows them to use concepts, language, and major theories of the discipline to account for sociological phenomena.
2. Students will be able to evaluate the conclusions drawn from sociological research, both their own and others'.
3. Students will develop critical thinking skills that enable them to make linkages between facts, theories, and observations and make sound arguments based on reasoning and evidence.
4. Students will make connections between sociological knowledge about social problems and ways to promote social justice at different systemic levels.
5. Students will engage in application of sociological knowledge in real life contexts.

## Behavioral Sciences Minor

| Behavioral Sciences Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| SOC | 1301 | Introduction to Sociology | 3 hrs |

| | | | |
|---|---|---|---|
| PSY | - | 6 hours in Psychology, 3 of which must be upper-level | 6 hrs |
| SOC | - | 6 hours in Sociology, 3 of which must be upper-level | 6 hrs |

## Criminal Justice and Criminology Minor

| Criminal Justice and Criminology Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional and fully online.* | | | |
| CRIJ | 1301 | Introduction to Criminal Justice | 3 hrs |
| CRIJ | 3311 | Criminology | 3 hrs |
| CRIJ | - | 6 hours of upper-level CRIJ courses | 6 hrs |
| *Complete one course from the following:* | | | |
| CRIJ | 2313 | Corrections, Probation, and Parole | 3 hrs |
| CRIJ | 2328 | Police Systems and Practices | 3 hrs |
| *Complete one course from the following:* | | | |
| CRIJ | 3377 | Gender and Crime | 3 hrs |
| CRIJ | 3388 | Race and Punishment | 3 hrs |

## Child and Family Studies Minor

| Child and Family Studies Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| *Neither PSY 1311 nor SOC 1301 may count toward this minor.* | | | |
| SOC | 3305 | Intro to Social Work | 3 hrs |
| SOC | 3302 | Marriage and Family | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| *Complete one course from the following:* | | | |
| PSY | 2301 | Lifespan Development | 3 hrs |
| PSY | 3351 | Child Development | 3 hrs |
| PSY | 3353 | School Age Development | 3 hrs |
| *Complete two courses from the following:* | | | |
| EDU | 2304 | Children's Literature | 3 hrs |
| PSY/SOC | 3342 | Understanding Family Systems | 3 hrs |
| PSY/SOC | 3352 | The Power of Play: Introduction to Play Theory & Application | 3 hrs |
| PSY/SOC | 4310 | Behavioral Sciences Internship (*NOTE*: approved internship must be in setting where the student works with children or families) | 3 hrs |
| PSY | 2301 | Lifespan Development (if not completed for above requirement) | 3 hrs |
| PSY | 3351 | Child Development (if not completed for above requirement) | 3 hrs |
| PSY | 3353 | School Age Development (if not completed for above requirement) | 3 hrs |

## Child and Youth Sports Minor

| Child and Family Studies Minor | | | 24 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| *Cannot be paired with the Behavioral Sciences major.* | | | |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| SOC | 3308 | Sociology of Sport | 3 hrs |
| PSY/KIN | 3334 | Exercise and Sport Psychology | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| PSY | 3351 | Child Development | 3 hrs |
| *Complete two courses and 6 hours from the following:* | | | |
| PSY/COM | 3304 | Group Dynamics | 3 hrs |
| KIN | 3331 | Coaching Team Sports | 3 hrs |
| PSY/SOC | 3352 | The Power of Play: Introduction to Play Theory & Application | 3 hrs |
| PSY | 3353 | School Age Development | 3 hrs |
| SOC | 4310 | Behavioral Sciences Internship<br>*NOTE: Approved internship must be recreational program with target population* | 3 hrs |

## Digital Humanities and Video Gaming Minor

| Digital Humanities & Video Gaming Minor | 21 hrs |
|---|---|
| *NOTE: This minor is offered in the following modalities: traditional and fully online.* | |

| | | | |
|---|---|---|---|
| ENG/HIS | 1318 | Technology for the Humanities | 3 hrs |
| ENG | 2350 | Digital Humanities Theory & Praxis | 3 hrs |
| HIS | 3307 | History and Video Games | 3 hrs |
| ENG | 3355 | Video Games as Literature | 3 hrs |
| PSY | 3307 | Cyberpsychology | 3 hrs |
| *Complete <u>one</u> of the following sets of courses (each set has two courses):* | | | |
| KIN | 3315 | Org & Admin of Physical Ed & Sport | 3 hrs |
| KIN | 3345 | Sports Communication | 3 hrs |
| | | ***OR*** | |
| KIN | 3315 | Org & Admin of Physical Ed & Sport | 3 hrs |
| KIN | 3340 | Legal and Ethical Aspects of Sports Administration | 3 hrs |
| | | ***OR*** | |
| SOC | 33xx | Video Games and Society | 3 hrs |
| ENG | 43xx | Digital Humanities Practicum | 3 hrs |

## Hispanic Studies Minor

| Hispanic Studies Minor | | | 21 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| SPN | 2311 | Spanish III | 3 hrs |
| SPN | 2312 | Spanish IV | 3 hrs |
| ENG | 3341 | Hispanic Writers of the US | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS/SOC | 3304 | History and Culture of the Mexican American | 3 hrs |
| HIS | 3320 | Latin American Seminar | 3 hrs |

## Legal Studies Minor

| Legal Studies Minor | | | 19 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only. Recommended for Pre-Law students. This minor cannot be paired with the Law and Policy major.* | | | |
| POLS | 3322 | Introduction to Law | 3 hrs |
| POLS | 3302 | American Constitutional Law | 3 hrs |
| CRIJ | 3302 | Criminal Law | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| *Complete one course from the following:* | | | |
| POLS | 2116 | Political Science Mock Practicum: Moot Court | 1 hr |
| POLS | 2110 | Political Science Internship | 1-6 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| *Complete one course from the following:* | | | |
| BADM | 3321 | Business Law | 3 hrs |
| ESC | 3303 | Environmental Law | 3 hrs |
| COM | 3320 | Media Law and Ethics | 3 hrs |

## Political Science Minor

| Political Science Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only. This minor cannot be paired with the Law and Policy major.* | | | |
| POLS | 3323 | Principles of Political Science | 3 hrs |
| POLS | 3332 | American Political Institutions and Processes | 3 hrs |
| POLS | 3333 | International Relations and Comparative Politics | 3 hrs |
| POLS | - | 6 additional hours in 2000 or 3000-level POLS courses | 6 hrs |
| *Complete one course from the following:* | | | |
| POLS | 3302 | American Constitutional Law | 3 hrs |
| POLS | 3322 | Introduction to Law | 3 hrs |

## Social Justice Minor

| Social Justice Minor | 18 hrs |
|---|---|

| | | | |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only. This minor cannot be paired with the Sociology major.* | | | |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |
| SOC | 3306 | Social Policy and Social Welfare | 3 hrs |
| SOC | 33xx | Readings and Reflections on Social Justice | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| SOC | 3307 | Social Inequality: Class, Status, and Power | 3 hrs |
| SOC | 33xx | Sociology of Gender and Sexuality | 3 hrs |
| CRIJ/SOC | 3388 | Race and Punishment | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC | 4305 | Social Action Project | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| SOC | 3305 | Introduction to Social Work | 3 hrs |
| CRIJ/POLS | 3335 | Social Research Methods | 3 hrs |
| THEA | 2322 | Theatre for Social Change | 3 hrs |

## Social Welfare Minor

| Social Welfare Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| *This minor cannot be paired with the Sociology or Behavioral Science majors.* | | | |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| CRIJ | 3300 | Faith and Justice | 3 hrs |
| SOC | 3306 | Social Policy and Social Welfare | 3 hrs |
| *Complete one course from the following:* | | | |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |
| SOC | 3307 | Social Inequality: Class, Status, and Power | 3 hrs |
| SOC | 33xx | Sociology of Gender and Sexuality | 3 hrs |
| *Complete two courses from the following:* | | | |
| SOC/CRIJ | 3311 | Criminology and Crime | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| SOC | 3303 | Social Gerontology | 3 hrs |
| SOC | 3302 | Marriage and Family | 3 hrs |
| CRIJ/PSY | 3316 | Victimology | 3 hrs |
| SOC | 4310 | Behavioral Sciences Internship | 3 hrs |

## Writing Minor

| Writing Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ENG | 3314 | Creative Writing | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| ENG | - | 6 hours of 2000-level or higher ENG courses | 6 hrs |

# School of Ministry

*Dr. Grant Carey, School Director*

### Mission and Overview

The School of Ministry offers a major in Ministry as well as the following minors and specializations: Christian Teacher Diploma, Biblical Languages Minor, Pastoral Ministry Minor, and the Ministry Minor.

As a student in the undergraduate ministry program in the School of Ministry, you will prepare for careers in ministry. You will gain understanding and be equipped with the skills to work with and lead people of all ages in various ministries.

*Why choose a Ministry major?*

Students may choose to receive specialized training for those called to serve in:

- Children's Ministry
- Youth Ministry
- Camp Ministry
- Worship Arts/Music Ministry
- Outdoor Ministry
- Missions/Missionary
- Non-Profit Ministry

## BA - Ministry

*Program Coordinator: Dr. Jacob Youmans*
*CIP: 39.0401*

The Bachelor of Arts major in Ministry provides basic educational, religious, and interpersonal foundations for the student, as well as specialized training to develop individual interests in areas such as youth ministry, family ministry, children's ministry, music and the arts, theology, missions, and outdoor ministry.

***NOTE:*** Eligible students, based upon prior work experience at a certified camp, may petition to have the COM/PSY 3304 Group Dynamics and/or KIN 1302 First Aid & Safety course requirements waived. All other degree and program requirements must be satisfied. Interested students should consult with Dr. Jacob Youmans for more information and necessary eligibility requirements.

*This major and each concentration is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 18-19 hrs |
|---|---|---|---|
| MTH | 1351 | College Algebra | 3 hrs |
| PSY | 1311 | Intro to Psychology | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| CIS | 1300 | Technology of the Digital Age | 3 hrs |
| *Complete one of the following:* | | | |
| SCI | 1401 | Intro to Astronomy | 4 credits |
| ESC | 1302 + 1102L/H | Intro to Environmental Science and Lab | 4 credits |

| Ministry Major | | | 58 hrs |
|---|---|---|---|
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| COM/PSY | 3304 | Group Dynamics | 3 hrs |
| PSY | 3331 | Introduction to Counseling | 3 hrs |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| REL | 3335 | Christian Apologetics | 3 hrs |
| REL | 3343 | Christian Teachings | 3 hrs |
| REL | 3381 | Major World Religions (†) | 3 hrs |
| MIN | 1111 | Spiritual Disciplines I | 1 hr |
| MIN | 1112 | Spiritual Disciplines II | 1 hr |
| MIN | 2220 | Introduction to Ministry | 2 hrs |
| MIN | 3250 | Christian Witness and Evangelism | 2 hrs |
| MIN | 3310 | Youth Ministry | 3 hrs |
| MIN | 3315 | Adolescent Discipleship & Catechesis | 3 hrs |
| MIN | 3317 | Children's Ministry | 3 hrs |
| MIN | 3320 | Administration in Ministry | 3 hrs |
| MIN | 3330 | Family and Adult Discipleship | 3 hrs |
| MIN | 3350 | Curriculum Methods in Ministry | 3 hrs |
| MIN | 3333 | Preaching and Teaching for Ministry | 3 hrs |
| MIN | 4210 | Ministry Practicum I | 2 hrs |
| MIN | 4211 | Ministry Practicum II (Capstone) | 2 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

*Choose one concentration:*

| Children's Ministry | | | 18 hrs |
|---|---|---|---|
| MIN | 3316 | Leadership and Administration in Children's Ministry | 3 hrs |
| PSY | 2301 | Lifespan Development | 3 hrs |
| ECE | 3320 | ECE Curriculum, Materials, and Methods | 3 hrs |
| COM | 3302 | Non-Verbal Communication | 3 hrs |
| SOC | 3331 | Sociology of Children and Childhood | 3 hrs |
| KIN | 3313 | Motor Development and Learning | 3 hrs |

| Missions and Culture | | | 18 hrs |
|---|---|---|---|
| ANT | 1301 | Introduction to Anthropology | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| COM | 3325 | Interpersonal Communication | 3 hrs |
| COM | 2317 | Cinema and Religion | 3 hrs |
| MIN | 3240 | Missional Leadership (†) | 2 hrs |
| MIN | 3198 | National/International Studies | 1 hr |

| Outdoor Ministry | | | 21-23 hrs |
|---|---|---|---|
| - | - | 6-8 hrs of science courses with lab | 6-8 hrs |
| MIN | 3232 | Outdoor Christian Ministry | 2 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3311 | Principles of Management | 3 hrs |
| KIN | 1302 | First Aid and Safety | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| *Complete any 1-credit course from the following:* | | | |
| BIO | 1101 | Field Biology: East and Southeast Texas | 1 hr |
| BIO | 1102 | Field Biology: Rio Grande Valley | 1 hr |
| BIO | 1103 | Field Biology: Southwest Texas | 1 hr |
| BIO | 1104 | Field Biology: Panhandle & Northwest Texas | 1 hr |
| BIO | 1105 | Field Biology: Central Texas | 1 hr |
| BIO | 1106 | Field Biology: Guadalupe Mountains | 1 hr |

| Theology | | | 18 hrs |
|---|---|---|---|
| REL/MIN | - | 18-hrs of additional upper-level REL or MIN courses not previously completed | 18 hrs |

| Worship and the Arts | | | 18 hrs |
|---|---|---|---|
| MUS | 3362 | Worship and Music | 3 hrs |
| REL | 3345 | Theology of Worship | 3 hrs |
| MIN | 3320 | Leading Contemporary Worship | 3 hrs |
| MUS | 2333 | Music Technology | 3 hrs |
| MUS | 2118 | Aural Skills | 1 hr |
| MUS | 2119 | Voice Lessons | 1 hr |
| MUS | 2334 | Music Theory I | 3 hrs |
| *Complete one of the following:* | | | |
| THEA | 3321 | Theatrical Performance | 3 hrs |
| ART | 1311 | Design | 3 hrs |

| Youth Ministry | | | 18 hrs |
|---|---|---|---|
| COM | 2317 | Cinema and Religion | 3 hrs |
| MIN | 3319 | Middle School Ministry | 3 hrs |
| MIN | 3311 | Cultural Influences on Youth Ministry | 3 hrs |
| MIN | 3313 | Special Topics in Youth Ministry | 3 hrs |
| MIN | 3240 | Missional Leadership | 2 hrs |
| MIN | 3198 | National/International Studies | 1 hr |
| KIN | 1302 | First Aid and Safety | 3 hrs |

### *Other Concentration Options*

Students may choose, as a concentration, one of the minors listed below and use the requirements as the concentration for the Ministry major.

- Accounting & Financial Management
- Behavioral Sciences

- Biblical Languages
- Communication
- Interpersonal Communication
- Human Resources and Management
- Computer Science
- Education
- Marketing
- Music
- Political Science
- Public Relations and Advertising
- Psychology
- Writing

**Additional Information**

Ministry students may be eligible to pursue post-baccalaureate internship opportunities within Christian education and ministry. Interested Ministry students should contact Dr. Grant Carey for more information regarding eligibility and internship requirements.

- MIN 41210 Ministry Residency I
- MIN 41211 Ministry Residency II

**Ministry Program Outcomes**

Students with an undergraduate degree in Ministry will:

1. Exhibit Christian character
2. Nurture a personally maturing faith in Christ grounded in the Scriptures and the Lutheran Confessions
3. Relate well with people of all ages
4. Express a passion for teaching and learning
5. Manifest a servant heart
6. Balance personal and professional life effectively
7. Model a team orientation
8. Strive for excellence
9. Lead to equip leaders
10. Perform in a self-directed manner

## Biblical Languages Minor

| Biblical Languages Minor | | | 20 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| GRE | 2311 | Greek I | 3 hrs |
| GRE | 2312 | Greek II | 3 hrs |
| GRE | 3313 | Greek III | 3 hrs |
| GRE | 3314 | Greek IV | 3 hrs |
| HEB | 3401 | Biblical Hebrew I | 4 hrs |
| HEB | 3402 | Biblical Hebrew II | 4 hrs |

## Pastoral Ministry Minor

| Pastoral Ministry Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| MIN | 1111 | Spiritual Disciplines I | 1 hr |
| MIN | 1112 | Spiritual Disciplines II | 1 hr |
| MIN | 2220 | Introduction to Ministry | 2 hrs |
| REL | 3341 | Christian Teachings | 3 hrs |
| MIN | 4210 | Ministry Practicum I | 2 hrs |
| MIN | 4211 | Ministry Practicum II | 2 hrs |
| *Complete a minimum of 7 hours from the following:* | | | |
| GRE | 2311 | Greek I | 3 hrs |
| GRE | 2312 | Greek II | 3 hrs |
| GRE | 3313 | Greek III | 3 hrs |

| | | | |
|---|---|---|---|
| GRE | 3314 | Greek IV | 3 hrs |
| GRE | 4215 | Advanced Greek Readings | 2 hrs |
| HEB | 3401 | Biblical Hebrew I | 4 hrs |
| HEB | 3402 | Biblical Hebrew II | 4 hrs |
| HEB | 4201 | Hebrew Bible Readings | 2 hrs |
| MUS | 3362 | Worship and Music | 3 hrs |
| REL | - | Any REL course, excluding REL 1301 and REL 1311 | Varies |
| MIN | - | Any MIN course, excluding those already required for the minor | Varies |

## Ministry Minor

| Ministry Minor | | | 19 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| MIN | 1111 | Spiritual Disciplines I | 1 hr |
| MIN | 1112 | Spiritual Disciplines II | 1 hr |
| MIN | 2220 | Introduction to Ministry | 2 hrs |
| REL | 3341 | Christian Teachings | 3 hrs |
| MIN | - | Complete twelve (12) additional upper-level MIN credits | 12 hrs |

## Christian Teacher Diploma

Students preparing for the teaching ministry in a Christian school are required to complete the following:

- Complete either the Interdisciplinary Studies in EC-6th Core Subject or 4-8th Core Subject Program, or the Education Content Curriculum (Middle School or Secondary levels) Teacher Education Program.
- Complete 50 hours of field experience in Christian schools (this fulfills 50 of the required fieldwork hours in the program).
- Completion of required courses for Christian Teacher Diploma, listed below, prior to the Professional Term, with a cumulative GPA of 2.75 or higher in all attempted hours.

| Christian Teacher Diploma | | | 11 hrs |
|---|---|---|---|
| *NOTE: This program is offered in the following modalities: traditional only.* | | | |
| MIN | 2220 | Introduction to Ministry | 2 hrs |
| EDU | 3333 | Teaching Religion | 3 hrs |
| REL | 3341 | Christian Teachings | 3 hrs |
| REL | - | Complete three (3) hours of upper-level REL courses | 3 hrs |

# School of Natural and Applied Sciences

*Dr. Mary Kay Johnston, School Director*

## Mission and Overview

The School of Natural and Applied Science offers majors in chemistry, computer science, biology, environmental science, and mathematics. Courses in these areas as well as in physics, geology, and astronomy provide outstanding instruction to meet core graduation requirements of students in all majors. Offering the Bachelor of Arts (BA) and Bachelor of Science (BS) degrees, the School seeks to prepare students with the wide variety of experiences necessary for successful careers as well as for continuing education in graduate school. The School is committed to small class sizes, close interpersonal relationships, and open dialog that encourage students to explore scientific boundaries and complex issues within the context of the faith and values philosophy of the university.

Excellent classroom and laboratory facilities are complemented by a 255-acre unit of the Balcones Canyonlands Preserve on the main campus as well as the Friesenhahn Cave Preserve, a world-renowned fossil site in San Antonio. Entrusted with these unique resources the College engages students, faculty, and community in collaborative efforts to study and sustainably manage them. Experiential learning is emphasized as students have the opportunity to participate both domestically and abroad in a number of field courses, internships, service projects, and practicums.

*Why Choose a Degree from the School of Natural and Applied Sciences?*

Look at any list of growing employment areas. Most of the jobs listed will be in the area of science and technology. A degree from the College of Science can prepare you for a strong entry-level job, or it can lay the foundation for further education leading to careers like Research Scientist, Engineer, Physician, Mathematical Analyst and more.

*Why choose a Biology major?*

A major in Biology prepares you for:

- Entering graduate school in many science fields (such as Genetics, Molecular Biology, Microbiology, Biochemistry, Developmental Biology, Ecology, Zoology, Physical Therapy, Occupational Therapy, Physician Assistant Programs, Optometry, Ophthalmology, Pharmacology, and Forensics)
- Entering medical school
- Entering dental school
- Finding a well-paying career in a variety of fields, such as agribusiness, public health, environmental science, health education, biological quality control, science education, physician liaison, food science, biological illustration, and even the petroleum industry.

*Why choose a Chemistry major?*

A major in Chemistry prepares you for:

- Entering graduate school in many science fields
- Entering medical school (as a percentage, chemistry graduates are accepted at a higher rate than any other degree)
- A career in diverse fields such as pharmacy, petrochemicals, forensics, and materials science. Companies are seeking graduates with problem solving skills.

*Why choose a Computer Science major?*

A major in Computer Science prepares you for:

- Entering graduate school in computer science fields.
- Working for companies like Dell, Union Pacific, Engineering firms, Instrumentation manufacturers, and more—almost all industries today need Computer Science majors.
- Finding a job that pays well and provides a work environment (including both standard hours and the possibility of working online) that allows maximum engagement with family and children.

*Why choose an Environmental Science and Conservation major?*

A major in Environmental Science and Conservation prepares you for:

- Working to preserve and protect our natural resources, whether in the field or through planning and legislation.
- Working for state or national park services, field research organizations, and environmental industries, and other science-related careers.
- Entering graduate school to further your education in the area.

*Why choose a Mathematics major?*

A major in Mathematics prepares you for:

- Working in industry; industries look for students who major in mathematics because they have the problem-solving skills and analytical skills industry needs.
- Working in programming, teaching, actuarial science, statistics, operations research analysis, and many more math-oriented fields.
- Multiple job offers because employees with mathematics degrees are in high demand.

# BA - Biology

*Program Coordinators: Dr. Jennifer Hofmann and Dr. Mary Kay Johnston*
*CIP: 26.0101*

The Bachelor of Arts in Biology degree is designed to provide exploration into the field of Biology. Students will develop an understanding of the biological sciences and promote stewardship of the biotic environment. Students interested in an introduction to this discipline are advised to take CHEM 1341 and CHE 1141 Chemistry I and Lab and BIO 1403 Cellular and Molecular Biology as soon as possible. These courses count toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 8 hrs |
|---|---|---|---|
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |

| Biology Major (BA) | | | 58-59 hrs |
|---|---|---|---|
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO | 3404 | Genetics | 4 hrs |
| REL | - | Any upper-level REL course | 3 hrs |
| - | - | Minimum of 12 hrs in upper-level courses, any subject | 12 hrs |
| *Complete 15 hrs from the following options (no more than 6 hrs may be field courses):* | | | |
| BIO | - | Any 3000 or 4000-level BIO course | 3-4 hrs |
| BIO/KIN | 3311 *OR* 4330 | Muscoskeletal Anatomy & Biomechanics *OR* Exercise Physiology | 3 hrs |
| SCI | 3303 | Geology and Ecology of the Southwest US | 3 hrs |
| SCI | 3304 | Geology and Ecology of Hawaii | 3 hrs |
| *Complete one course from the following:* | | | |
| SCI | 4310 | Natural Science Research Project (Capstone) | 3 hrs |
| BIO | 4410 | Biological Science Research (Capstone) | 4 hrs |

| Global/Cultural Coursework | | | |
|---|---|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Complete one course from the following options:* | | | |
| BADM | 2310 | Global Business & Communication | 3 hrs |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS/SOC | 3306 | History and Culture of the Mexican American | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3301 | History of Mexico | 3 hrs |
| HIS | 3314 | Traditions and Values of Classical Civilizations | 3 hrs |
| PHL | 3301 | Survey of Western Philosophy | 3 hrs |

**Biology (BA) Program Outcomes**

1. Students have a deep understanding of the philosophy and history of science and have a critical understanding of how the scientific method is applied in biology.
2. Students understand and are able to evaluate the structures, processes, mechanisms, and concepts important to various levels of biological organization.
3. Students successfully apply the scientific method and communicate their results in experiments in biology.
4. Students successfully communicate biological ideas effectively in written, oral, and visual forms to both technical and non-technical audiences using appropriate language and technology.

5. Students demonstrate ethical leadership and are able to articulate how identity, faith, and scientific preparation shape their vocation while contributing to diverse communities through the ethical application of science.

## BS - Biology

*Program Coordinators: Dr. Jennifer Hofmann and Dr. Mary Kay Johnston*
*CIP: 26.0101*

The Bachelor of Science in Biology degree is designed to educate students in the breadth of subject matter encompassed by the biological sciences. Through critical thinking, hands-on experience, research, and investigation, students will develop an understanding of the field of Biology and gain a strong foundation for entry into a broad spectrum of graduate programs and careers in the biological sciences. Students interested in an introduction to this discipline are advised to take CHEM 1341 and CHE 1141 Chemistry I and Lab and BIO 1403 Cellular and Molecular Biology as soon as possible. These courses count toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 23 hrs |
|---|---|---|---|
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| CHE | 2401 | Organic Chemistry I | 4 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| PHY | 1401 | Physics I | 4 hrs |

| Biology Major (BS) | | | 61-62 hrs |
|---|---|---|---|
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO | 3404 | Genetics | 4 hrs |
| CHE | 2403 | Organic Chemistry II | 4 hrs |
| PHY | 1402 | Physics II | 4 hrs |
| - | - | Minimum of 16 hrs in upper-level courses, any subject | 16 hrs |
| *Complete one course from the following:* | | | |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| REL | - | Any upper-level REL course | 3 hrs |
| *Complete one course from the following:* | | | |
| BIO | 4410 | Biological Science Research Project (Capstone) | 4 hrs |
| SCI | 4310 | Natural Science Research Project (Capstone) | 3 hrs |
| *Complete 15 hrs from the following options (no more than 6 hrs may be field courses):* | | | |
| BIO/KIN | 3311 *OR* 4330 | Muscoskeletal Anatomy & Biomechanics *OR* Exercise Physiology | 3 hrs |
| BIO | 3303 | Native Plants | 3 hrs |
| BIO | 3302 | Tropical Biology | 3 hrs |
| BIO | 3310 | Nutrition | 3 hrs |
| BIO/CHE | 3340 | Biochemistry | 3 hrs |
| BIO/PSY | 3350 | Biopsychology | 3 hrs |
| BIO | 3370 | Ecology of the Pacific Northwest | 3 hrs |
| BIO | 3399 | Independent Study: Biology | 3 hrs |
| BIO | 3401 | General Microbiology | 4 hrs |
| BIO/ESC | 3403 | General Ecology | 4 hrs |
| BIO | 3406 | Animal Behavior | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| BIO | 3412 | Anatomy & Physiology II | 4 hrs |
| BIO | 3420 | Developmental Biology | 4 hrs |
| SCI | 3303 | Geology and Ecology of the Southwest US | 3 hrs |
| SCI | 3304 | Geology and Ecology of Hawaii | 3 hrs |
| SCI | 3307 | Geology and Ecology of Texas | 3 hrs |

**Biology (BS) Program Outcomes**

1. Students have a deep understanding of the philosophy and history of science and have a critical understanding of how the scientific method is applied in biology and related disciplines, including chemistry and physics.
2. Students understand and are able evaluate the structures, processes, mechanisms, and concepts important to various levels of biological organization, including chemical and physical concepts important to biology.
3. Students successfully apply the scientific method and communicate their results in experiments in biology and related disciplines, including chemistry and physics.
4. Students successfully communicate advanced biological and scientific ideas effectively in written, oral, and visual forms by adhering to established scientific communication standards geared for technical and professional audiences.
5. Students demonstrate ethical leadership and are able to articulate how identity, faith, and scientific preparation shape their vocation in graduate study, research, and technical professions, while contributing to diverse communities through the ethical application of science.

## BS - Chemistry

*Program Coordinator: Dr. Michael Maguire*
*CIP: 40.0501*

The Chemistry Major promotes student's ability to develop analytical reasoning through an integrated curriculum of classes and labs that use modern techniques, and undergraduate research. Chemistry is a problem-solving discipline central to other sciences, and a BS degree in Chemistry gives students a broad foundation in the subject and prepares them for a career in industry or entry to graduate school or medical/pharmacy school. Students interested in an introduction to this discipline are advised to take CHE 1400-Introduction to Chemistry. This course does not count toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 19 hrs |
|---|---|---|---|
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 2402 | Calculus II | 4 hrs |
| PHY | 1401 | Physics I | 4 hrs |
| PHY | 1402 | Physics II | 4 hrs |
| *Complete one course from the following:* | | | |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |

| Chemistry Major | | | 57-58 hrs |
|---|---|---|---|
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Laboratory | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Laboratory | 1 hr |
| CHE | 2401 | Organic Chemistry I | 4 hrs |
| CHE | 2403 | Organic Chemistry II | 4 hrs |
| CHE | 3301 | Inorganic Chemistry | 3 hrs |
| CHE | 3401 | Quantitative Chemical Analysis | 4 hrs |
| CHE | 3404 | Instrumental Chemical Analysis | 4 hrs |
| CHE | 4301 | Physical Chemistry I | 3 hrs |
| CHE | 4302 | Physical Chemistry II | 3 hrs |
| CHE | 4201 | Physical Chemistry Laboratory | 2 hrs |
| CHE | 4310 | Chemistry Research (Capstone)* | 3 hrs |
| CHE | - | Complete 3 additional upper-level CHE credits | 3 hrs |
| - | - | Complete 16 additional upper-level CHE, BIO, SCI, ESC, CSC, or MTH credits | 16 hrs |

****NOTE***: Students may replace CHE 4310 with SCI 4310 or BIO 4401, with instructor approval.

**Chemistry Program Outcomes**

1. Chemistry students will develop marketable skills through hands-on learning in lab and through group projects.
2. Chemistry students will be able to communicate technical information both on paper and orally.

3. Chemistry students will develop the critical thinking skills required to link chemical reactivity to atomic structure and be able to predict outcomes in three-dimensions.
4. Chemistry students will serve the community as problem-solving informed citizens.

## Dual Degree Program: Chemistry and Biomedical Engineering

*Program Coordinator: Dr. Michael Maguire*
*CIP: 40.0501*

Concordia University Texas (CTX) partners with the University of North Dakota (UND) to offer a dual-degree program in which eligible CTX students can graduate with both a Bachelor of Science in Chemistry (CTX) and a Bachelor of Science in Biomedical Engineering (UND). The partnership allows for designated courses from each institution to be transferred to the other for credit, thereby accelerating the pathway to degree completion. CTX students who are interested in pursuing this dual-degree program should contact their Student Academic Planner for more information regarding UND Admission requirements, the structure and course sequence of the dual-degree program, and tuition/financial aid considerations.

For the Biomedical Engineering degree, UND courses are offered fully-online, including laboratory courses taken in the summer after the student's Junior spring semester.

*The Chemistry major (CTX) is offered in the following modalities: traditional (day-time, face-to-face) only.*
*The UND Biomedical Engineering major (UND) is offered fully-online.*

***NOTE***: Courses within both majors that have been designated by each institution as eligible for transfer credit—either from CTX to UND, or from UND to CTX—are denoted below. Grades of 'C' or higher are required for all eligible transfer courses between each institution. Please note that there may be eligible courses within the Concordia Common Experience, or taken as electives, not explicitly listed below. Students are advised to speak with their Student Academic Planner regarding their degree plans and academic progress.

*Concordia Common Experience/General Education (43-45 hours)*

*CTX – BS-Chemistry Major Supporting Coursework (19 hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 2401 Calculus I | 4 | CTX | Satisfies UND MATH 165 |
| MTH 2402 Calculus II | 4 | CTX | Satisfied UND MATH 166 |
| PHY 1401 Physics I | 4 | UND | Satisfied by UND PHYS 251C/CL |
| PHY 1402 Physics II | 4 | UND | Satisfied by UND PHYS 252C/CL |
| REL 3333 Introduction to Christian Ethics *or* REL 3346 A Christian View of Nature | 3 | CTX | Recommended that students complete REL 3333 Introduction to Christian Ethics |

*CTX – BS-Chemistry Major Courses (57-58 hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | |
| CHE 1142 Chemistry II Lab | 1 | CTX | |
| CHE 2401 Organic Chemistry I | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 2403 Organic Chemistry II | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 3301 Inorganic Chemistry | 3 | CTX | |

| | | | |
|---|---|---|---|
| CHE 3401 Quantitative Chemical Analysis | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 3404 Instrumental Chemical Analysis | 4 | CTX | |
| CHE 4301 Physical Chemistry I | 3 | CTX | |
| CHE 4302 Physical Chemistry II | 3 | CTX | |
| CHE 4201 Physical Chemistry Lab | 2 | CTX | |
| CHE 4310 Chemistry Research | 3 | CTX | |
| Complete 3 additional upper-level CHE credit hours | 3 | CTX | |
| Complete 16 additional upper-level CHE, BIO, SCI, ESC, CSC, or MTH hours | 16 | CTX | |

*UND – Biomedical Engineering Major Courses (74-77 hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| BME 180 Innovation-Based Learning I | 2 | UND | |
| BME 181 Innovation-Based Learning II | 2 | UND | |
| BME 280 Innovation-Based Learning III | 2 | UND | Counts toward CTX degree as elective credit |
| BME 281 Innovation-Based Learning IV | 2 | UND | Counts toward CTX degree as elective credit |
| PHYS 251C Physics I Lecture | 3 | UND | Counts toward CTX PHY 1401 |
| PHYS 251CL Physics I Lab | 1 | UND | Completed remotely during summer semester after junior-year spring; counts toward CTX PHY 1401 |
| PHYS 252C Physics II Lecture | 3 | UND | Counts toward CTX PHY 1402 |
| PHYS 252CL Physics II Lab | 1 | UND | Completed remotely during summer semester after junior-year spring; counts toward PHY 1402 |
| ENGR 340 Professional Integrity in Engineering | 3 | UND | |
| BME 380 Jr. Innovation-Based Learning I | 2 | UND | Counts toward CTX degree as elective credit |
| BME 381 Jr. Innovation-Based Learning II | 2 | UND | Counts toward CTX degree as elective credit |
| BME 450 Biomedical Instrumentation | 3 | UND | |
| ENGR 460 Engineering Economy | 3 | UND | |
| BME 480 Sr. Innovation-Based Learning I | 3 | UND | |
| BME 481 Sr. Innovation-Based Learning II | 3 | UND | |
| UND Biomedical Engineering Electives | 9 | UND | |
| UND Electrical Engineering Course | 3 | UND | |
| UND Statistics Course | 2-4 | UND | |
| UND Technical Electives | 24 | UND | |

## Dual Degree Program: Chemistry and Chemical Engineering

*Program Coordinator: Dr. Michael Maguire*
*CIP: 40.0501*

Concordia University Texas (CTX) partners with the University of North Dakota (UND) to offer a dual-degree program in which eligible CTX students can graduate with both a Bachelor of Science in Chemistry (CTX) and a Bachelor of Science in Chemical Engineering (UND). The partnership allows for designated courses

from each institution to be transferred to the other for credit, thereby accelerating the pathway to degree completion. CTX students who are interested in pursuing this dual-degree program should contact their Student Academic Planner for more information regarding UND Admission requirements, the structure and course sequence of the dual-degree program, and tuition/financial aid considerations.

For the Chemical Engineering degree, most UND courses are offered fully-online, with the exception of specific courses completed at the UND campus in summer semesters. These courses, denoted below, are typically completed after the student's Junior-year Spring semester and after the student's fifth-year Spring semester.

*The Chemistry major (CTX) is offered in the following modalities: traditional (day-time, face-to-face) only. The UND Chemical Engineering major (UND) is offered in a hybrid format, with some coursework required to be completed in-person at the UND campus.*

***NOTE***: Courses within both majors that have been designated by each institution as eligible for transfer credit—either from CTX to UND, or from UND to CTX—are denoted below. Grades of 'C' or higher are required for all eligible transfer courses between each institution. Please note that there may be required and/or eligible courses within the Concordia Common Experience, or taken as electives, not explicitly listed below. Students are advised to speak with their Student Academic Planner regarding their degree plans and academic progress.

*Concordia Common Experience/General Education (43-45 hours)*

*CTX – BS-Chemistry Major Supporting Coursework (19 hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 2401 Calculus I | 4 | CTX | Satisfies UND MATH 165 |
| MTH 2402 Calculus II | 4 | CTX | Satisfied UND MATH 166 |
| PHY 1401 Physics I | 4 | UND | Satisfied by UND PHYS 251C/CL |
| PHY 1402 Physics II | 4 | UND | Satisfied by UND PHYS 252C/CL |
| REL 3333 Introduction to Christian Ethics<br>*or*<br>REL 3346 A Christian View of Nature | 3 | CTX | Recommended that students complete REL 3333 Introduction to Christian Ethics |

*CTX – BS-Chemistry Major Courses (57-58 hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | |
| CHE 1142 Chemistry II Lab | 1 | CTX | |
| CHE 2401 Organic Chemistry I | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 2403 Organic Chemistry II | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 3301 Inorganic Chemistry | 3 | CTX | |
| CHE 3401 Quantitative Chemical Analysis | 4 | CTX | Counts toward UND degree as technical elective credit |
| CHE 3404 Instrumental Chemical Analysis | 4 | CTX | |
| CHE 4301 Physical Chemistry I | 3 | CTX | |
| CHE 4302 Physical Chemistry II | 3 | CTX | |
| CHE 4201 Physical Chemistry Lab | 2 | CTX | |
| CHE 4310 Chemistry Research | 3 | CTX | |
| Complete 3 additional upper-level CHE credit hours | 3 | CTX | |
| Complete 16 additional upper-level CHE, BIO, SCI, ESC, CSC, or MTH hours | 16 | CTX | |

*UND – Chemical Engineering Major Courses (69 credit hours)*

| Course | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| CHE 102 Intro to Chemical Engineering | 2 | UND | |
| CHE 103 Computing Tools for Chemical Engineers | 3 | UND | |
| CHE 201 Chemical Engineering Fundamentals | 3 | UND | |
| CHE 206 Unit Operations in Chemical Engineering | 3 | UND | |
| ENGR 206 Fundamentals of Electrical Engineering | 3 | UND | |
| CHE 235 Chemical Engineering Summer Lab I | 3 | UND | Requires travel to UND campus during summer semester after junior-year spring |
| CHE 301 Intro to Transport Phenomena | 4 | UND | |
| CHE 303 Chemical Engineering Thermodynamics | 4 | UND | |
| CHE 305 Separations | 3 | UND | |
| CHE 315 Engineering Statistics and Design of Experiments | 3 | UND | |
| CHE 321 Chemical Engineering Reactor Design | 3 | UND | |
| CHE 335 Chemical Engineering Summer Lab II | 3 | UND | Requires travel to UND campus during summer semester after junior-year spring |
| PHYS 251C Physics I Lecture | 3 | UND | Counts toward CTX PHY 1401 |
| PHYS 251CL Physics I Lab | 1 | UND | Completed remotely during summer semester after junior-year spring; counts toward CTX PHY 1401 |
| PHYS 252C Physics II Lecture | 3 | UND | Counts toward CTX PHY 1402 |
| PHYS 252CL Physics II Lab | 1 | UND | Completed remotely during summer semester after junior-year spring; counts toward PHY 1402 |
| ENGR 340 Professional Integrity in Engineering | 3 | UND | |
| CHE 408 Process Dynamics and Control | 3 | UND | |
| CHE 411 Plant Deign I: Design and Econ | 4 | UND | |
| CHE 413 Plant Design I: Prelim Process Project Engr | 3 | UND | |
| CHE 414 Plant Design II: Conceptual Process Project Econ | 2 | UND | Requires travel to UND campus during summer semester after fifth-year spring |
| CHE 416 Chemical Product Design | 3 | UND | |
| CHE 431 Chemical Engineering Lab IV | 3 | UND | Requires travel to UND campus during summer semester after fifth-year spring |
| UND Material Science Elective | 3 | UND | |

## BA - Computer Science

*Program Coordinator: Dr. Bindu George*
*CIP: 11.0701*

The Computer Science Major (BA) is modeled after the Association for Computing Machinery (ACM) recommendations. In the required courses, students develop both the theoretical and the practical skills needed to design computer software systems; to understand computer hardware; to write software; to perform mathematical analysis of algorithms and performance studies; and to reason clearly, think analytically, and solve problems. Additionally, students will develop communications skills to effectively communicate their technical knowledge to both technical and non-technical audiences.

*This major is offered in the following modalities: traditional and fully online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 6 hrs |
|---|---|---|---|
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| CIS | 1300 | Technology of the Digital Age | 3 hrs |

| Computer Science Major (BA) | | | 66-67 hrs |
|---|---|---|---|
| CSC | 1401 | Introduction to Computer Science I | 4 hrs |
| CSC | 1402 | Introduction to Computer Science II | 4 hrs |
| CSC | 2306 | Business Software Development | 3 hrs |
| CSC | 2403 | Data Structures and Algorithm Analysis | 4 hrs |
| CSC | 3303 | Computer Architecture | 3 hrs |
| COM/PSY | 3304 | Group Dynamics | 3 hrs |
| CSC | 3311 | Programming Language Concepts | 3 hrs |
| CSC | 3330 | Info Security | 3 hrs |
| CSC | 3315 | Systems | 3 hrs |
| CSC | 3331 | Cloud Computing and Open-Source Software | 3 hrs |
| CSC | 3317 | App Development | 3 hrs |
| CSC | 4311 | Computer Science Experiential Capstone I | 3 hrs |
| CSC | 4312 | Computer Science Experiential Capstone II | 3 hrs |
| CSC | - | Complete two (2) additional upper-level CSC courses | 6-8 hrs |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| *Complete one of the following:* | | | |
| CSC/MTH | 2305 | Discrete Structures | 3 hrs |
| CSC | 2345 | Discrete Structures | 3 hrs |
| *Complete one of the following:* | | | |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 1332 | Applied Calculus | 3 hrs |

| Global/Cultural Coursework | | | |
|---|---|---|---|
| BADM | 2310 | Global Business and Communication | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |

**Computer Science (BA) Program Outcomes**

1. Students will be able to synthesize or extend an existing computing solution to a problem given to them in English.
2. Students will be able to detect and correct syntax and logical errors in computer programs
3. Students will develop skills in and gain experiences with industry standard software development tools, methodologies, and practices.
4. Students will be able to describe the hardware and software factors that affect the run-time and memory efficiency of computer programs.
5. Students will develop skills in teamwork through software design projects, including documentation, and pair programming assignments.
6. Students will be able to describe computer code and Computer Science related concepts both orally and in writing.

## BS - Computer Science

*Program Coordinator: Dr. Bindu George*
*CIP: 11.0701*

In the required courses, students develop both the theoretical and the practical skills needed to design computer systems; to write software; to perform mathematical analysis of algorithms and performance studies; and to think analytically, and solve problems. Additionally, students will develop communications skills to effectively communicate their technical knowledge to both technical and non-technical audiences. Students pursuing a BS in Computer Science also have the option to pursue a Data Science concentration.

*This major and optional concentration are offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 6 hrs |
|---|---|---|---|
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| CIS | 1300 | Technology of the Digital Age | 3 hrs |

| Computer Science Major (BS) | | | 73 hrs |
|---|---|---|---|
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 2402 | Calculus II | 4 hrs |
| MTH | 3311 | Linear Algebra | 3 hrs |
| COM/PSY | 3304 | Group Dynamics | 3 hrs |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| CSC | 1401 | Introduction to Computer Science I | 4 hrs |
| CSC | 1402 | Introduction to Computer Science II | 4 hrs |
| CSC/MTH | 2305 | Discrete Structures | 3 hrs |
| CSC | 2306 | Business of Software Development | 3 hrs |
| CSC | 2403 | Data Structures and Algorithm Analysis | 4 hrs |
| CSC | 3303 | Computer Architecture | 3 hrs |
| CSC | 3315 | Systems | 3 hrs |
| CSC | 3311 | Programming Language Concepts | 3 hrs |
| CSC | 3330 | Info Security | 3 hrs |
| CSC | 3331 | Cloud Computing and Open Source | 3 hrs |
| CSC | 3317 | App Development | 3 hrs |
| CSC | 4311 | Experiential Capstone I | 3 hrs |
| CSC | 4312 | Experiential Capstone II | 3 hrs |
| CSC | - | Complete two (2) additional upper-level CSC courses, or one of the concentrations below | 6+ hrs |
| - | - | Complete two (2) natural science courses with labs | 8 hrs |

***Optional Concentrations***

| Data Science Concentration | | | 15 hrs |
|---|---|---|---|
| CSC | 3314 | R Programming | 3 hrs |
| CSC | 3305 | Database Design and Analytics | 3 hrs |
| CSC | 3312 | Introduction to Data Science | 3 hrs |
| CSC | 3316 | Data Visualization | 3 hrs |
| CSC | 33xx | Advanced Python for Data Mining | 3 hrs |

| Cyber Security Concentration | | | 15 hrs |
|---|---|---|---|
| CSC | 33xx | Network Security | 3 hrs |
| CSC | 3323 | Emerging Technologies in Cyber Security | 3 hrs |
| CSC | 3325 | Cyber Defense and Countermeasures | 3 hrs |
| CSC | 33xx | Digital Forensics | 3 hrs |
| CSC | 33xx | Legal Issues in Cyber Security | 3 hrs |

**Computer Science (BS) Program Outcomes**

1. Students will be able to synthesize or extend an existing computing solution to a problem given to them in English.
2. Students will be able to detect and correct syntax and logical errors in computer programs
3. Students will develop skills in and gain experiences with industry standard software development tools, methodologies, and practices.
4. Students will be able to describe the hardware and software factors that affect the run-time and memory efficiency of computer programs.
5. Students will develop skills in teamwork through software design projects, including documentation, and pair programming assignments.
6. Students will be able to describe computer code and Computer Science related concepts both orally and in writing.

## BA - Environmental Studies

*Program Coordinator: Dr. Samuel Whitehead*
*CIP: 03.0103*

The Bachelor of Arts in Environmental Studies is an interdisciplinary program that focuses on understanding the complex relationship between humans and the natural environment. It combines coursework in the

sciences, social sciences, and humanities to examine environmental issues from multiple perspectives, including ecology, sustainability, policy, and ethics. Students explore topics such as climate change, biodiversity, environmental justice, and natural resources management. The program emphasizes critical thinking, research, and problem-solving skills to prepare graduates for careers in environmental advocacy, policy development, conservation, and planning, or further study in graduate programs related to the environment.

Students interested in an introduction to this discipline are advised to take ESC 1302 Introduction to Environmental Science. This course counts toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Environmental Studies Major** | | | **67 hrs** |
| ESC | 1302 | Introduction to Environmental Science | 3 hrs |
| ESC | 13xx | Introduction to Geographic Information Systems | 3 hrs |
| ESC | 3303 | Environmental Law | 3 hrs |
| ESC | 3306 | Natural Resources Planning and Management | 3 hrs |
| ESC | 3370 | Sustainable Solutions for Climate Resiliency | 3 hrs |
| ESC | 3440 | Wildlife Management | 4 hrs |
| ESC | 3350 | Watershed Management | 3 hrs |
| POLS | 3321 | Public Policy | 3 hrs |
| ECO | 2301 | Introduction to Macroeconomics | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |
| ESC | 4310 | Environmental Science Internship (Capstone) | 3 hrs |
| ESC | 1100 | *Complete 4 credits in Professional Development* | 4 hrs |
| ESC | 1201 | Fall Texas Master Naturalist Certification | 2 hrs |
| ESC | 1202 | Spring Texas Master Naturalist Certification | 2 hrs |
| *Complete one course from the following:* | | | |
| ESC | 1102L | Introduction to Environmental Science Lab | 1 hr |
| ESC | 1102H | Honors Environmental Science Lab | 1 hr |
| *Complete two courses from the following:* | | | |
| COM | 2308 | Writing for the Media and Public Relations | 3 hrs |
| COM | 2312 | Focused Listening | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| *Complete one course from the following:* | | | |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |
| LDR | 3312 | Community and Volunteer Leadership | 3 hrs |
| LDR | 4301 | Creating Lasting Change | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete an approved global/cultural course (to be determined by Program Coordinator)* | | | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |

**Environmental Studies Program Outcomes**

1. Students will analyze environmental challenges by integrating scientific principles with perspectives from the humanities and social sciences.
2. Students will apply technical and analytical tools to collect, analyze, and interpret environmental data for natural resource management and conservation planning.
3. Students will evaluate environmental policies, laws, and regulations in relation to sustainable development.
4. Students will develop and implement effective communication strategies to engage diverse stakeholders on environmental issues.
5. Students will design evidence-based solutions for environmental challenges.
6. Students will develop professional competencies through experiential learning and engagement with professional organizations.

# BS - Environmental Science

*Program Coordinator: Dr. Samuel Whitehead*
*CIP: 03.0104*

The Bachelor of Science in Environmental Science is a rigorous, multidisciplinary program that focuses on the scientific study of the environment and the impact of human activities on natural systems. It integrates principles from biology, chemistry, geology, and ecology to address environmental challenges such as pollution, climate change, and resource depletion. Students will build a solid foundation in scientific research methods and data analysis while exploring topics like environmental monitoring, conservation, environmental policy, and sustainability. The degree prepares graduates for careers in environmental consulting, conservation science, natural resources management, and environmental policy, as well as opportunities for further graduate studies in environmental fields.

Students interested in an introduction to this discipline are advised to take ESC 1302 Introduction to Environmental Science. This course counts toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Environmental Science Major** | | | **74-75 hrs** |
| ESC | 1302 | Introduction to Environmental Science | 3 hrs |
| ESC | 13xx | Introduction to Geographic Information Systems | 3 hrs |
| ESC | 1304 | Environmental Geology | 3 hrs |
| ESC | 3303 | Environmental Law | 3 hrs |
| ESC | 3306 | Natural Resources Planning and Management | 3 hrs |
| ESC | 3370 | Sustainable Solutions for Climate Resiliency | 3 hrs |
| ESC | 3440 | Wildlife Management | 4 hrs |
| ESC | 3350 | Watershed Management | 3 hrs |
| ESC | 4310 | Environmental Science Internship (Capstone) | 3 hrs |
| ESC | 1100 | *Complete 4 credits in Professional Development* | 4 hrs |
| ESC | 1201 | Fall Texas Master Naturalist Certification | 2 hrs |
| ESC | 1202 | Spring Texas Master Naturalist Certification | 2 hrs |
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO | 3303 | Native Plants | 3 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| ENG | 3312 | Business and Technical Writing | 3 hrs |
| ECO | 2301 | Introduction to Macroeconomics | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| *Complete one course from the following:* | | | |
| ESC | 1102L | Introduction to Environmental Science Lab | 1 hr |
| ESC | 1102H | Honors Environmental Science Lab | 1 hr |
| *Complete one course from the following:* | | | |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| *Complete one course from the following:* | | | |
| ESC/BIO | 3403 | General Ecology | 4 hrs |
| ESC/CHE | 3402 | Environmental Chemistry | 4 hrs |
| *Complete one course from the following:* | | | |
| MTH | 1332 | Applied Calculus | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |

**Environmental Science Program Outcomes**

1. Students will apply advanced scientific principles and quantitative methods to analyze environmental systems, ecological processes, and conservation challenges.
2. Students will design and conduct field and laboratory investigations using appropriate scientific methodologies.
3. Students will evaluate conservation strategies and management practices using evidence-based approaches.

4. Students will develop technical solutions for environmental challenges by combining principles of natural resource management, wildlife conservation, and climate resilience.
5. Students will communicate scientific findings and environmental data effectively.
6. Students will develop professional competencies through experiential learning and engagement with professional organizations in their chosen environmental concentration.

## BA - Mathematics

*Program Coordinator: Dr. Christina Hamilton*
*CIP: 27.0101*

The Mathematics Major (BA) offers a flexible program of study. The BA develops a wide knowledge of mathematics which equips students with abilities to solve modern problems and answer critical questions in our society. Students will be employable in industry, schools, and related math/science fields.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Mathematics Major (BA)** | | | **49-55 hrs** |
| MTH | 1351 | College Algebra *(or Math Placement Level 3)* | 3 hrs |
| MTH | 1352 | Precalculus *(or with Math Placement Level 3)* | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 2402 | Calculus II | 4 hrs |
| MTH | 3410 | Calculus III | 4 hrs |
| MTH/CSC | 2305 | Discrete Structures | 3 hrs |
| MTH | 3311 | Linear Algebra | 3 hrs |
| MTH | 3317 | Differential Equations | 3 hrs |
| MTH | 3313 | Number Theory | 3 hrs |
| MTH | 3341 | Theory of Probability | 3 hrs |
| MTH | 3343 | Theory of Interest | 3 hrs |
| CSC | 1401 | Introduction to Computer Science I | 4 hrs |
| REL | - | Any 3-credit, upper-level REL course | 3 hrs |
| MTH | - | Any additional upper-level MTH course | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete an approved global/cultural course (to be determined by Program Coordinator)* | | | 3 hrs |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |

**Mathematics (BA) Program Outcomes**

1. Students will communicate mathematical ideas, reasoning, and quantitative analyses effectively in written, oral, and visual forms for technical and non-technical audiences using appropriate mathematical language and technology.
2. Students will apply mathematical reasoning, quantitative methods, and appropriate technology to analyze and solve problems in mathematics and related disciplines, including business, education, the natural sciences, and the social sciences.
3. Students will articulate how their identity, faith, and ethical values inform their vocation and their use of mathematics to serve diverse communities and address societal challenges.

## BS - Mathematics

*Program Coordinator: Dr. Christina Hamilton*
*CIP: 27.0101*

The Mathematics Major (BS) offers courses in analysis, calculus, discrete mathematics, cryptology, differential equations, geometry, modeling, number theory, problem solving, probability, and statistics. In these courses, students develop the ability to reason clearly, think analytically, communicate mathematically, value mathematics, and solve problems.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Mathematics Major (BS) | | | 46-52 hrs |
|---|---|---|---|
| MTH | 1351 | College Algebra *(or Math Placement Level 3)* | 3 hrs |
| MTH | 1352 | Precalculus *(or Math Placement Level 3)* | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 2402 | Calculus II | 4 hrs |
| MTH | 3410 | Calculus III | 4 hrs |
| MTH/CSC | 2305 | Discrete Structures | 3 hrs |
| MTH | 3311 | Linear Algebra | 3 hrs |
| MTH | 3317 | Differential Equations | 3 hrs |
| MTH | 3313 | Number Theory | 3 hrs |
| MTH | 3341 | Theory of Probability | 3 hrs |
| MTH | 3343 | Theory of Interest | 3 hrs |
| MTH | 3316 | Geometry | 3 hrs |
| CSC | 1401 | Introduction to Computer Science I | 4 hrs |
| REL | - | Complete three (3) upper-level REL credits | 3 hrs |
| MTH | - | Complete three (3) additional upper-level MTH credits | 3 hrs |
| *Complete one of the following:* | | | |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH | 23xx | Applied Statistical Analysis | 3 hrs |

***Choose one concentration:***

| Data Analytics Concentration | | | 12 hrs |
|---|---|---|---|
| MTH | 1375 | Introduction to Data Analytics | 3 hrs |
| MTH | 2330 | Intermediate Data Analytics Skills | 3 hrs |
| MTH | 3335 | Advanced Data Analytics Skills | 3 hrs |
| MTH | 4335 | Data Analytics Practicum | 3 hrs |

| Physical Sciences Concentration | | | 12 hrs |
|---|---|---|---|
| *NOTE: This concentration intended for students pursuing one of the available UND Engineering dual-degree programs.* | | | |
| *Complete 12 credits from the following:* | | | |
| PHY | 24xx | Calculus-Based Physics I and Lab | 4 hrs |
| PHY | 24xx | Calculus-Based Physics II and Lab | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |

| Advanced Mathematics Concentration | | | 14 hrs |
|---|---|---|---|
| PHY | 24xx | Calculus-Based Physics I and Lab | 4 hrs |
| PHY | 24xx | Calculus-Based Physics II and Lab | 4 hrs |
| MTH | - | Complete six (6) additional upper-level MTH credits, excluding EDU 3307, 3308, and 3309 | 6 hrs |

| Business Applications Concentration | | | 12 hrs |
|---|---|---|---|
| *Complete 12 credits from the following:* | | | |
| MTH | 3342 | Theory of Probability for Actuarial Science | 3 hrs |
| MTH | 3344 | Theory of Interest for Actuarial Science | 3 hrs |
| ECO | 2301 | Introduction to Macroeconomics | 3 hrs |
| ECO | 2302 | Introduction to Microeconomics | 3 hrs |
| ACC | 2301 | Fundamentals of Financial Accounting | 3 hrs |
| ACC | 2302 | Fundamentals of Managerial Accounting | 3 hrs |
| BADM | 3360 | Finance | 3 hrs |

| Computer Science Concentration | | | 14 hrs |
|---|---|---|---|
| CSC | 1402 | Introduction to Computer Science II | 4 hrs |
| CSC | 2403 | Data Structures and Algorithms | 4 hrs |
| CSC | - | Complete six (6) additional 2000-level or higher CSC credits | 6 hrs |

**Mathematics (BS) Program Outcomes**

1. Students will communicate advanced mathematical ideas, proofs, models, and computational results effectively in written, oral, and visual forms using appropriate mathematical language and disciplinary conventions for technical and professional audiences.
2. Students will apply advanced mathematical reasoning, abstraction, proof techniques, computational methods, and mathematical modeling to formulate, analyze, and solve complex theoretical and applied problems.
3. Students will demonstrate ethical leadership and articulate how their identity, faith, and mathematical preparation shape their vocation in graduate study, research, and technical professions while contributing to diverse communities through the ethical application of mathematics.

## Dual Degree Program: Mathematics and Civil Engineering

*Program Coordinator: Dr. Christina Hamilton*
*CIP: 27.0101*

Concordia University Texas (CTX) partners with the University of North Dakota (UND) to offer a dual-degree program in which eligible CTX students can graduate with both a Bachelor of Science in Mathematics (CTX) and a Bachelor of Science in Civil Engineering (UND). The partnership allows for designated courses from each institution to be transferred to the other for credit, thereby accelerating the pathway to degree completion. CTX students who are interested in pursuing this dual-degree program should contact their Student Academic Planner for more information regarding UND Admission requirements, the structure and course sequence of the dual-degree program, and tuition/financial aid considerations.

For the Civil Engineering degree, most UND courses are offered fully-online, with the exception of specific courses completed at the UND campus in summer semesters. These courses, denoted below, are typically completed after the student's sophomore-year and junior-year spring semesters, and after the student's senior-year Spring semester.

*The Mathematics major (CTX) is offered in the following modalities: traditional (day-time, face-to-face) only. The UND Civil Engineering major (UND) is offered in a hybrid format, with some coursework required to be completed in-person at the UND campus.*

***NOTE***: Courses within both majors that have been designated by each institution as eligible for transfer credit—either from CTX to UND, or from UND to CTX—are denoted below. Grades of 'C' or higher are required for all eligible transfer courses between each institution. Please note that there may be required and/or eligible courses within the Concordia Common Experience, or taken as electives, not explicitly listed below. Students are advised to speak with their Student Academic Planner regarding their degree plans and academic progress.

*Concordia Common Experience/General Education (43-45 credit hours)*

*CTX – BS-Mathematics Major Courses (46-52 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Precalculus (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| MTH 2401 Calculus I | 4 | CTX | Satisfies UND MATH 165 |
| MTH 2402 Calculus II | 4 | CTX | Satisfies UND MATH 166 |
| MTH 3410 Calculus III | 4 | CTX | Satisfies UND MATH 265 |
| MTH/CSC 2305 Discrete Structures | 3 | CTX | |
| MTH 3311 Linear Algebra | 3 | CTX | |
| MTH 3317 Differential Equations | 3 | CTX | Satisfies UND MATH 266 |
| MTH 3313 Number Theory | 3 | CTX | |
| MTH 3341 Theory of Probability | 3 | CTX | |

| | | | |
|---|---|---|---|
| MTH 3343 Theory of Interest | 3 | CTX | |
| MTH 3316 Geometry | 3 | CTX | |
| MTH 2301 Intro to Statistics<br>*or*<br>MTH 23xx Applied Statistical Analysis | 3 | CTX | Satisfies UND ECON 210 |
| CSC 1401 Intro to Computer Science I | 4 | CTX | |
| Complete any upper-level REL course | 3 | CTX | |
| Complete 3 credits in additional upper-level MTH courses | 3 | CTX | May satisfy one or more UND Elective courses |

*CTX – BS-Mathematics Physical Sciences Concentration (12 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| PHY 24xx Calculus-Based Physics I and Lab | 4 | UND | Satisfied by PHY 251C/L |
| PHY 24xx Calculus-Based Physics II and Lab | 4 | UND | Satisfied by PHY 252C/L |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | Satisfies UND Basic Science Requirement |
| CHE 1142 Chemistry II Lab | 1 | CTX | Satisfies UND Basic Science Requirement |

*UND – Civil Engineering Major Courses (98 credit hours*)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Pre-Calculus | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | Satisfies UND Basic Science requirement |
| CHE 1142 Chemistry II Lab | 1 | CTX | Satisfies UND Basic Science requirement |
| PHY 251C Physics I Lecture | 3 | UND | |
| PHY 251CL Physics I Lab | 1 | UND | Completed remotely during summer semester after sophomore-year spring |
| CE 101 Intro to Civil Engineering | 1 | UND | |
| CE 103 Graphical Communication | 3 | UND | |
| ENGR 200 Comp Apps in Engineering | 2 | UND | |
| ENGR 201 Statics | 3 | UND | |
| ENGR 202 Dynamics | 3 | UND | |
| ENGR 203 Mechanics of Materials | 3 | UND | |
| PHY 252C Physics II Lecture | 3 | UND | |
| PHY 252CL Physics II Lab | 1 | UND | Completed remotely during summer semester after junior-year spring |
| CE 306 Fluid Mechanics | 3 | UND | Counts toward CTX upper-level Math credits |
| CE 313 General Surveying | 2 | UND | |
| CE 313L General Surveying Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| ENGR 340 Professional Integrity in Engineering | 3 | UND | |
| CE 351 Structural Mechanics | 3 | UND | Counts toward CTX upper-level Math credits |
| CE 411 Civil Engineering Materials Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| CE 412 Soil Mechanics | 3 | UND | |
| CE 412L Soil Mechanics Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |

| | | | |
|---|---|---|---|
| CE 414 Foundation Engineering | 3 | UND | |
| CE 416 Transport Engineering | 3 | UND | |
| CE 421 Hydrology | 3 | UND | Counts toward CTX upper-level Math credits |
| CE 423 Hydraulic Engineering | 3 | UND | |
| CE 423L Hydraulic Engineering Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| CE 431 Principles of Water and Wastewater Treatment | 3 | UND | |
| CE 431L Environmental Engineering I Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| CE 432 Environmental Engineering Design | 3 | UND | |
| CE 444 Contracts and Specifications | 3 | UND | |
| CE 451 Steel Design | 3 | UND | |
| CE 453 Reinforced Concrete | 3 | UND | |
| ENGR 460 Engineering Economy | 3 | UND | |
| CE 482 Civil Engineering Design I | 3 | UND | |
| CE 483 Civil Engineering Design II | 3 | UND | |
| UND Geology Course | 3 | UND | |
| UND Technical Electives | 6 | UND | |

**Hours include designated CTX courses which are not explicitly required in the Mathematics major but are required by UND as part of the dual-degree program structure and/or are listed pre-requisites for CTX courses required in the Mathematics major.*

## Dual Degree Program: Mathematics and Electrical Engineering

*Program Coordinator: Dr. Christina Hamilton*
*CIP: 27.0101*

Concordia University Texas (CTX) partners with the University of North Dakota (UND) to offer a dual-degree program in which eligible CTX students can graduate with both a Bachelor of Science in Mathematics (CTX) and a Bachelor of Science in Electrical Engineering (UND). The partnership allows for designated courses from each institution to be transferred to the other for credit, thereby accelerating the pathway to degree completion. CTX students who are interested in pursuing this dual-degree program should contact their Student Academic Planner for more information regarding UND Admission requirements, the structure and course sequence of the dual-degree program, and tuition/financial aid considerations.

For the Electrical Engineering degree, UND courses are offered fully-online, including laboratory courses taken in the summer after the student's Junior spring semester.

*The Mathematics major (CTX) is offered in the following modalities: traditional (day-time, face-to-face) only. The UND Electrical Engineering major (UND) is offered in a hybrid format.*

***NOTE***: Courses within both majors that have been designated by each institution as eligible for transfer credit—either from CTX to UND, or from UND to CTX—are denoted below. Grades of 'C' or higher are required for all eligible transfer courses between each institution. Please note that there may be required and/or eligible courses within the Concordia Common Experience, or taken as electives, not explicitly listed below. Students are advised to speak with their Student Academic Planner regarding their degree plans and academic progress.

*Concordia Common Experience/General Education (50-61 credit hours)*

*CTX – BS-Mathematics Major Courses (46-52 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Precalculus (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| MTH 2401 Calculus I | 4 | CTX | Satisfies UND MATH 165 |
| MTH 2402 Calculus II | 4 | CTX | Satisfies UND MATH 166 |
| MTH 3410 Calculus III | 4 | CTX | Satisfies UND MATH 265 |
| MTH/CSC 2305 Discrete Structures | 3 | CTX | |
| MTH 3311 Linear Algebra | 3 | CTX | |
| MTH 3317 Differential Equations | 3 | CTX | Satisfies UND MATH 266 |
| MTH 3313 Number Theory | 3 | CTX | |
| MTH 3341 Theory of Probability | 3 | CTX | |
| MTH 3343 Theory of Interest | 3 | CTX | |
| MTH 3316 Geometry | 3 | CTX | |
| MTH 2301 Intro to Statistics *or* MTH 23xx Applied Statistical Analysis | 3 | CTX | Satisfies UND ECON 210 |
| CSC 1401 Intro to Computer Science I | 4 | CTX | |
| Complete any upper-level REL course | 3 | CTX | |
| Complete 3 credits in additional upper-level MTH courses | 3 | CTX | May satisfy one or more UND Elective courses |

*CTX – BS-Mathematics Physical Sciences Concentration (12 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| PHY 24xx Calculus-Based Physics I and Lab | 4 | UND | Satisfied by PHY 251C/L |
| PHY 24xx Calculus-Based Physics II and Lab | 4 | UND | Satisfied by PHY 252C/L |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | Satisfies UND Basic Science Requirement |
| CHE 1142 Chemistry II Lab | 1 | CTX | Satisfies UND Basic Science Requirement |

*UND – Electrical Engineering Major Courses (91 credit hours*)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Pre-Calculus | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| EE 101 Intro to Electrical Engineering | 1 | UND | |
| EE 111/111L Digital Circuits and Lab | 4 | UND | |
| EE 221/221L Electric Circuits and Lab | 4 | UND | |
| CSCI 160 Computer Science I | 4 | UND | |
| EE 211 Embedded Systems | 3 | UND | |
| EE 222/222L Electric Circuits II and Lab | 4 | UND | Counts toward BS-Mathematics degree (lower-level credit) |
| EE 292 Sophomore Design | 3 | UND | |
| EE 330 Electric and Magnetic Waves | 3 | UND | |

| | | | |
|---|---|---|---|
| EE 321/321L Electronics I and Lab | 4 | UND | Counts toward CTX upper-level Mathematics credits |
| EE 360 Signals and Systems | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| EE 385 Engineering Data Analysis | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| EE 392 Junior Design | 3 | UND | |
| PHY 251C Physics I Lecture | 3 | UND | |
| PHY 251CL Physics I Lab | 1 | UND | Completed remotely during summer semester after junior-year spring |
| PHY 252C Physics II Lecture | 3 | UND | |
| PHY 252CL Physics II Lab | 1 | UND | Completed remotely during summer semester after junior-year spring |
| EE 322 Electronics II | 3 | UND | |
| EE 350 Fundamentals of Control | 3 | UND | |
| EE 492 Senior Design I | 3 | UND | |
| ENGR 340 Professional Integrity in Engineering | 3 | UND | |
| ENGR 460 Engineering Economy | 3 | UND | |
| EE 493 Senior Design II | 3 | UND | |
| EE 301 Electric Drives | 4 | UND | |
| EE 331 Electromagnetic Waves | 3 | UND | |
| UND Electrical Engineering Electives | 9 | UND | |

**Hours include designated CTX courses which are not explicitly required in the Mathematics major but are required by UND as part of the dual-degree program structure and/or are listed pre-requisites for CTX courses required in the Mathematics major.*

## Dual Degree Program: Mathematics and Mechanical Engineering

*Program Coordinator: Dr. Christina Hamilton*
*CIP: 27.0101*

Concordia University Texas (CTX) partners with the University of North Dakota (UND) to offer a dual-degree program in which eligible CTX students can graduate with both a Bachelor of Science in Mathematics (CTX) and a Bachelor of Science in Mechanical Engineering (UND). The partnership allows for designated courses from each institution to be transferred to the other for credit, thereby accelerating the pathway to degree completion. CTX students who are interested in pursuing this dual-degree program should contact their Student Academic Planner for more information regarding UND Admission requirements, the structure and course sequence of the dual-degree program, and tuition/financial aid considerations.

For the Mechanical Engineering degree, most UND courses are offered fully-online, with the exception of specific courses completed at the UND campus in summer semesters. These courses, denoted below, are typically completed after the student's sophomore-year and junior-year spring semesters, and after the student's senior-year Spring semester.

*The Mathematics major (CTX) is offered in the following modalities: traditional (day-time, face-to-face) only. The UND Mechanical Engineering major (UND) is offered in a hybrid format.*

***NOTE***: Courses within both majors that have been designated by each institution as eligible for transfer credit—either from CTX to UND, or from UND to CTX—are denoted below. Grades of 'C' or higher are required for all eligible transfer courses between each institution. Please note that there may be required and/or eligible courses within the Concordia Common Experience, or taken as electives, not explicitly listed below. Students are advised to speak with their Student Academic Planner regarding their degree plans and academic progress.

*Concordia Common Experience/General Education (50-61 credit hours)*

*CTX – BS-Mathematics Major Courses (46-52 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Precalculus (or Math Placement Level 3) | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| MTH 2401 Calculus I | 4 | CTX | Satisfies UND MATH 165 |
| MTH 2402 Calculus II | 4 | CTX | Satisfies UND MATH 166 |
| MTH 3410 Calculus III | 4 | CTX | Satisfies UND MATH 265 |
| MTH/CSC 2305 Discrete Structures | 3 | CTX | |
| MTH 3311 Linear Algebra | 3 | CTX | |
| MTH 3317 Differential Equations | 3 | CTX | Satisfies UND MATH 266 |
| MTH 3313 Number Theory | 3 | CTX | |
| MTH 3341 Theory of Probability | 3 | CTX | |
| MTH 3343 Theory of Interest | 3 | CTX | |
| MTH 3316 Geometry | 3 | CTX | |
| MTH 2301 Intro to Statistics *or* MTH 23xx Applied Statistical Analysis | 3 | CTX | Satisfies UND ECON 210 |
| CSC 1401 Intro to Computer Science I | 4 | CTX | |
| Complete any upper-level REL course | 3 | CTX | |
| Complete 3 credits in additional upper-level MTH courses | 3 | CTX | May satisfy one or more UND Elective courses |

*CTX – BS-Mathematics Physical Sciences Concentration (12 credit hours)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| PHY 24xx Calculus-Based Physics I and Lab | 4 | UND | Satisfied by PHY 251C/L |
| PHY 24xx Calculus-Based Physics II and Lab | 4 | UND | Satisfied by PHY 252C/L |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| CHE 1342 Chemistry II | 3 | CTX | Satisfies UND Basic Science Requirement |
| CHE 1142 Chemistry II Lab | 1 | CTX | Satisfies UND Basic Science Requirement |

*UND – Mechanical Engineering Major Courses (98 credit hours*)*

| Requirement | Credits | Completed At | Course Equivalency/Notes |
|---|---|---|---|
| MTH 1351 College Algebra | 3 | CTX | Pre-requisite for MTH 1352 Pre-Calculus and CHE 1342 Chemistry II, unless the student has Math Placement score of 3 |
| MTH 1352 Pre-Calculus | 3 | CTX | Pre-requisite for MTH 2305 Discrete Structures and MTH 2401 Calculus I, unless the student has Math Placement score of 3 |
| CHE 1341 Chemistry I | 3 | CTX | Satisfies UND CHEM 121 |
| CHE 1141 Chemistry I Lab | 1 | CTX | Satisfies UND CHEM 121L |
| PHY 251C Physics I Lecture | 3 | UND | |
| PHY 251CL Physics I Lab | 1 | UND | Completed remotely during summer semester after sophomore-year spring |
| ME 101 Intro to Mechanical Engineering | 3 | UND | |
| ENGR 200 Computer Apps in Engineering | 2 | UND | |
| ME 201C Student Design | 1 | UND | |
| ME 201L Student Design Lab | 1 | UND | Requires travel to UND campus during summer semester after junior-year spring |
| PHY 252C Physics II Lecture | 3 | UND | |

| | | | |
|---|---|---|---|
| PHY 252CL Physics II Lab | 1 | UND | Completed remotely during summer semester after junior-year spring |
| ENGR 201 Statics | 3 | UND | |
| ENGR 202 Dynamics | 3 | UND | |
| ENGR 203 Mechanics of Materials | 3 | UND | |
| ENGR 206 Fundamentals of Electrical Engineering | 3 | UND | |
| ME 301 Materials Science | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| ME 306 Fluid Mechanics | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| MATH 321 Applied Statistical Methods | 3 | UND | |
| ME 322 Design of Machinery | 3 | UND | |
| ENGR 340 Professional Integrity in Engineering | 3 | UND | |
| ME 341 Thermodynamics | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| ME 418 Manufacturing Processes | 3 | UND | |
| ME 418L Manufacturing Processes Lab | 1 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| ENGR 460 Engineering Economy | 3 | UND | |
| ME 474 Fund. Of Heat and Mass Transfer | 3 | UND | Counts toward CTX upper-level Mathematics credits |
| ME 480 Mechanical Engineering Seminar | 3 | UND | |
| ME 483 Mechanical Measurements Lab | 3 | UND | Requires travel to UND campus during summer semester after senior-year spring |
| ME 487 Engineering Design | 2 | UND | |
| ME 488 Engineering Design | 3 | UND | |
| ME 323/323L Machine Component Design and Lab | 4 | UND | |
| UND M&M Technical Elective | 3 | UND | |
| UND Mechanical Design Technical Elective | 3 | UND | |
| UND Thermal Science Technical Elective | 3 | UND | |
| UND Technical Elective | 9 | UND | |

**Hours include designated CTX courses which are not explicitly required in the Mathematics major but are required by UND as part of the dual-degree program structure and/or are listed pre-requisites for CTX courses required in the Mathematics major.*

## BS - Wildlife Conservation

*Program Coordinator: Dr. Samuel Whitehead*
*CIP: 03.0601*

The Bachelor of Science in Wildlife Conservation equips students with the knowledge and skills to protect and manage wildlife and their habitats. The program is multidisciplinary, including courses from the sciences, social sciences, and humanities. Students learn about animal behavior, ecosystems, biodiversity, and sustainable practices for managing wildlife populations. The curriculum also covers topics such as conservation policy, environmental law, and the impact of human activities on wildlife. Graduates are prepared for careers in wildlife management, conservation research, environmental education, and policy development, working with government agencies, NGOs, and private organizations dedicated to preserving biodiversity. The program qualifies graduates for The Wildlife Society's Associate Wildlife Biologist certification, an important credential.

Students interested in an introduction to this discipline are advised to take ESC 1302 Introduction to Environmental Science. This course counts toward the requirements for the major.

*This major is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Wildlife Conservation Major** | | | **76-78 hrs** |
| ESC | 1302 | Introduction to Environmental Science | 3 hrs |
| ESC | 13xx | Introduction to Geographic Information Systems | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| ESC | 3303 | Environmental Law | 3 hrs |
| ESC | 3306 | Natural Resources Planning and Management | 3 hrs |
| ESC | 3440 | Wildlife Management | 4 hrs |
| BIO | 34xx | Vertebrate Biology | 4 hrs |
| ESC | 34xx | Wildlife Population Dynamics | 4 hrs |
| ESC | 4310 | Environmental Science Internship (Capstone) | 3 hrs |
| ESC/BIO | 3403 | General Ecology | 4 hrs |
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO | 3303 | Native Plants | 3 hrs |
| BIO | 3310 | Nutrition | 3 hrs |
| BIO | 3404 | Genetics | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| *Complete one course from the following:* | | | |
| MTH | 1332 | Applied Calculus | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| *Complete one course from the following:* | | | |
| ESC | 1102L | Introduction to Environmental Science Lab | 1 hr |
| ESC | 1102H | Honors Environmental Science Lab | 1 hr |
| *Complete four credits from the following:* | | | |
| CHE | 1342 + 1142 | Chemistry II *and* Chemistry II Lab | 4 hrs |
| ESC/CHE | 3402 | Environmental Chemistry | 4 hrs |
| *Complete one course from the following:* | | | |
| ESC | 1304 | Environmental Geology | 3 hrs |
| PHY | 1401 | Physics I | 4 hrs |
| *Complete two courses from the following:* | | | |
| COM | 2308 | Writing for the Media and Public Relations | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| ENG | 3312 | Business and Technical Writing | 3 hrs |

**Wildlife Conservation Program Outcomes**

1. Students will apply advanced scientific principles and quantitative methods to analyze environmental systems, ecological processes, and conservation challenges.
2. Students will design and conduct field laboratory investigations using appropriate scientific methodologies.
3. Students will evaluate conservation strategies and management practices using evidence-based approaches.
4. Students will develop technical solutions for environmental challenges by combining principles of natural resource management, wildlife conservation, and climate resilience.
5. Students will communicate scientific findings and environmental data effectively.
6. Students will develop professional competencies through experiential learning and the completion of the Associate Wildlife Biologist Certification through The Wildlife Society.

## MCS - Master of Computer Science

*Program Coordinator: Dr. Bindu George*
*CIP: 11.0701*

The Master of Computer Science (MCS) program at Concordia University Texas delves deeply into advanced concepts in computer systems and software engineering, equipping students with the technical expertise

and problem-solving skills needed to address complex challenges in the IT industry. Courses in the program are designed to equip students with the knowledge and skills required for professional careers as a Software Engineer, Information Security Specialists, Data Scientists, IT Specialists, Database Administrator and AI Specialist.

Students may choose either a comprehensive MCS program without concentration, or an integrated MCS program with a concentration. All students must complete either a Capstone Project or a Thesis by choosing one of the following sequences:

- CSC 5324 Capstone Project I *and* CSC 53xx Capstone Project II
  ***or***
- CSC 5326 Thesis I *and* CSC 5327 Thesis II

Students who select the comprehensive MCS program must complete 24 credit hours in core major courses, along with two (2) additional elective courses from any of the available concentrations to fulfill the six (6) credit hours of elective requirements. The comprehensive MCS program is 30 hours total.

Students opting for the integrated MCS program must complete 24 credit hours in core major courses, followed by an additional twelve (12) credit hours of courses specific to their chosen concentration. Available concentrations include Information and Cybersecurity, Artificial Intelligence, and Data Science. The integrated MCS program is 36 hours total.

*This major is offered in the following modalities: hybrid and online.*

| Master of Computer Science – Comprehensive Program (No Concentration) | | | 30 hrs |
|---|---|---|---|
| CSC | 5300 | Advanced Algorithms | 3 hrs |
| CSC | 5302 | Operating Systems | 3 hrs |
| CSC | 5304 | Database Systems | 3 hrs |
| CSC | 5308 | Software Engineering | 3 hrs |
| CSC | 5310 | Software Project Management | 3 hrs |
| CSC | 5312 | Human Computer Interaction | 3 hrs |
| CSC | 5324 *or* 5326 | Capstone Project I *or* Thesis I | 3 hrs |
| CSC | 5325 *or* 5327 | Capstone Project II *or* Thesis II | 3 hrs |
| *Complete two elective courses from any of the concentrations below:* | | | |
| CSC | - | Elective Course I | 3 hrs |
| CSC | - | Elective Course II | 3 hrs |

| Master of Computer Science – Integrated Program (With Concentration) | | | 24 hrs |
|---|---|---|---|
| CSC | 5300 | Advanced Algorithms | 3 hrs |
| CSC | 5302 | Operating Systems | 3 hrs |
| CSC | 5304 | Database Systems | 3 hrs |
| CSC | 5308 | Software Engineering | 3 hrs |
| CSC | 5310 | Software Project Management | 3 hrs |
| CSC | 5312 | Human Computer Interaction | 3 hrs |
| CSC | 5324 *or* 5326 | Capstone Project I *or* Thesis I | 3 hrs |
| CSC | 5325 *or* 5327 | Capstone Project II *or* Thesis II | 3 hrs |

***Choose one concentration:***

| Information and Cybersecurity Concentration | | | 12 hrs |
|---|---|---|---|
| CSC | 5330 | Secure Software Development | 3 hrs |
| CSC | 5332 | Network Security | 3 hrs |
| CSC | 5336 | Digital Forensics | 3 hrs |
| CSC | 5334 | Secure Architecture Design | 3 hrs |

| Artificial Intelligence Concentration | | | 12 hrs |
|---|---|---|---|
| CSC | 5350 | Artificial Intelligence | 3 hrs |
| CSC | 5352 | Deep Learning | 3 hrs |
| CSC | 5354 | Natural Language Processing | 3 hrs |
| CSC | 5356 | Generative AI and Language Models | 3 hrs |

| Data Science Concentration | | | 12 hrs |
|---|---|---|---|
| CSC | 5370 | Fundamentals of Data Science | 3 hrs |
| CSC | 5372 | Data Management for Data Science | 3 hrs |
| CSC | 5374 | Statistical Methods for Data Science | 3 hrs |
| CSC | 5376 | Data Mining | 3 hrs |

**Master of Computer Science Program Outcomes**

1. Students will demonstrate advanced knowledge of computer science, including the ability to identify, understand, and apply emerging technologies, tools, and trends relevant to the discipline.
2. Students will be able to formulate and implement effective solutions to complex and multifaceted problems by applying appropriate computing principles, algorithms, and methodologies.
3. Students will design, implement, and evaluate software systems to meet desired needs, adhering to standards of quality, scalability, and maintainability.
4. Students will demonstrate the ability to investigate and synthesize current developments in computer science through critical evaluation of research, literature, and industry advancements.
5. Students will communicate effectively with diverse audiences, including technical and non-technical stakeholders.
6. Students will Exhibit a clear understanding of professional, ethical, legal, security, and societal responsibilities in the practice of computing, and apply this knowledge to real-world contexts.
7. Students will demonstrate depth of expertise in at least one specialized area of computer science, reflecting advanced study and practical application in that domain.

## Chemistry Minor

| Chemistry Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| CHE | - | Complete ten (10) additional upper-level CHE credits | 10+ hrs |

## Environmental Science and Conservation Minor

| Environmental Science & Conservation Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| ESC | 1302 | Introduction to Environmental Science | 3 hrs |
| ESC | 3306 | Natural Resources Conservation | 3 hrs |
| ESC | - | Complete a minimum of nine (9) upper-level ESC credits | 9+ hrs |
| *Complete one course from the following:* | | | |
| BIO | 3303 | Native Plants | 3 hrs |
| BIO/SCI | - | 3 hours of BIO or SCI field courses | 3 hrs |
| GLG | 3301 | Geology | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |
| POLS | 3301 | Environmental Policy | 3 hrs |
| REL | 3346 | A Christian View of Nature | 3 hrs |
| - | - | Approved course with environmental emphasis | Varies |

## Mathematics Minor

| Mathematics Minor | | | 19 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only.* | | | |
| MTH/CSC | 2305 | Discrete Structures | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | - | Complete nine (9) additional upper-level MTH credits, excluding EDU 3307 and EDU 3308 | 9+ hrs |

# College of Business and Communication

*Angela Clements, College Director*

## Mission and Overview

The mission of the College of Business and Communication is to empower students to be people of influence in the competitive business and communication environments. We accomplish this mission by developing students in the critical competencies of their chosen concentration with a strong foundation in business and communication fundamentals. Our strong emphasis on critical thinking, leadership, ethics and spirituality is what differentiates our students. Through our efforts, we seek to send out a critical mass of highly skilled graduates in rewarding careers where they can be leaders influencing others and impacting their industry.

*Why choose an Applied Business major (BAAS)?*

The BAAS degree is a baccalaureate level "general studies" program designed to offer students with a vocational or technical associate AAS degree the opportunity to complete a bachelor degree. The BAAS, with a major in Applied Business, provides the necessary skills to advance into supervisory and entry-level management positions within the career path of the student as supported by the AAS training already achieved.

- Small business owners
- Managers in vocational areas
- Entrepreneurs
- Leaders in their field

*Why choose a Business Administration major?*

Business and communication skills are a common thread across industries and sectors of society. Individuals who have strong business acumen, effective communication skills, developed leadership skills, and a demonstrated ability to work independently and on teams are poised to start their own business and/or excel in careers in the industry of their choice. Our graduates have developed industry skills at various levels in the following concentrations and micro-concentrations:

### Concentrations

- Accounting and Financial Management
- Human Resource and Management
- Digital Influence and Brand Marketing
- Marketing
- Sports Administration

### Micro-concentrations

- Communication
- Entrepreneurship
- Finance
- International Business

*Why choose a Communication major?*

Communicators are in every business. Communication students develop transferable skills in trust-building, decision-making, persuasion, teamwork, listening, speaking, writing, and media content-creation. These skills are not only among the highest ranked skills desired by company leaders, but also empower you to innovate, advocate, create, and achieve. Our graduates have become:

- Event planners
- Public relations specialists
- Sales representatives
- Social media managers

- Television hosts
- Customer service experts

# Bachelor's Programs

## BAAS - Applied Business

*Program Coordinator: Angela Clements*
*CIP: 52.0101*

The structure of the Bachelor of Applied Arts and Science (BAAS) degree is designed to provide a smoother transfer path into a Bachelor's Degree from AAS degree programs, which are approved in Texas by the Workforce Commission to meet specific career skill requirements through college credit programs. The BAAS is an applied degree for career-minded students wishing to enter the workforce directly after graduation. The structure for the degree creates four classifications of credit requirements: a general education core, a coherent technical specialty earned through an AAS degree, a baccalaureate track enhancing the AAS and/or career, and general elective hours.

Students with an awarded, accredited AAS degree from a regionally accredited college/university will be considered for this program. If the student completes the Texas Common Core, they will be considered core complete with the exception of (1) the courses listed in the Concordia Distinctive section of the Concordia Common Experience curriculum; (2) 3 hours of Wellness; and (3), 3 hours of Experiential Learning.

If the student is not Texas Common Core Complete (s)he will need to complete the Common Experience. All students must successfully complete the five courses of the Concordia Distinctive requirements (nine credit hours) in addition to all other academic requirements for the major as stated below:

*This major is offered in the following modalities: traditional and fully online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Applied Business Major** | | | **30 hrs** |
| BADM | 3311 | Principles of Management | 3 hrs |
| BADM | 3321 | Business Law | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3371 | Management Information Systems | 3 hrs |
| BADM | 4310 | Business Internship (Capstone) | 3 hrs |
| *Complete one course from the following:* | | | |
| REL | - | Any 3-credit, upper-level REL course | 3 hrs |
| COM | 2317 | Cinema and Religion | 3 hrs |
| *Complete four courses from the following:* | | | |
| COM | 3331 | Organizational Communication | 3 hrs |
| BADM | 3330 | Project Management | 3 hrs |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3375 | Negotiations and Conflict Management | 3 hrs |
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |
| LDR | 3312 | Community and Volunteer Leadership | 3 hrs |

| Technical Specialty Hours | 36 block credit hours |
|---|---|

Thirty-six (36) hours of block technical specialty transfer credit will be awarded with verification of an earned, accredited AAS degree from a regionally-accredited institution that follows the Texas Common Core numbering system. AAS degrees from other institutions will be considered on a case-by-case basis.

**Applied Business Program Outcomes**

1. BAAS students will demonstrate and effectively practice business skills including: management, leadership, marketing, sales and negotiations.

2. BAAS students will align personal and organizational conduct with ethical and professional standards.
3. BAAS students will articulate the integration of their technical training and business skills as they seek out leadership opportunities in their vocational fields.

## BA - Communication

*Program Coordinator: Dr. Erik Green*
*CIP: 09.0101*

The mission of the Communication Major is to develop effective public speakers, versatile writers, advanced technology users, and healthy relationship partners. The Communication Major provides three concentrations: Public Relations and Advertising, Digital Influence and Brand Marketing, Interpersonal Communication, and Visual Communication.

Students interested in an introduction to this discipline are advised to take COM 1300 Fundamentals of Communication. This course does not count toward the requirements for this major; however, it does fulfill a Concordia Common Experience/General Education requirement.

*This major and some concentrations are offered in the following modalities: traditional (day-time, face-to-face) and fully online. See concentration list below for further details.*

***NOTE:*** Courses denoted by an asterisk may be repeated for credit so long as the topic varies.

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|
| **Communication Major** | | | **43 hrs** |
| COM | 2100 | Communication Practicum I | 1 hr |
| COM | 2301 | Human Communication Theory | 3 hrs |
| COM | 2308 | Writing for the Media and Public Relations | 3 hrs |
| COM | 2312 | Focused Listening | 3 hrs |
| COM | 2317 | Cinema and Religion | 3 hrs |
| COM | 2319 | Digital and Media Literacy | 3 hrs |
| COM/PSY | 3304 | Group Dynamics | 3 hrs |
| COM | 3335 | Intercultural Communication (†) | 3 hrs |
| COM | 4350 | Communication Capstone | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |
| *Complete three courses from the following:* | | | |
| COM | - | Any COM course outside of the student's designated concentration (this option may be used up to three times, provided the COM courses are unique/repeatable) | 3 hrs |
| COM | 3398 | National/International Travel* | 3 hrs |
| COM | 3399 | Independent Study* | 3 hrs |
| COM | 3360 | Topics in Communication* | 3 hrs |
| KIN | 3345 | Sports Communication | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3371 | Negotiations and Conflict Management | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| **Global/Cultural Coursework** | | | |
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Choose one concentration:* | | | |
| **Digital Influence and Brand Marketing Concentration** | | | **24 hrs** |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3337 | Digital Identity, Influence, and Vocation | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |

| | | | |
|---|---|---|---|
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM | 4340 | Visual Production and Design | 3 hrs |
| COM | 4310 | Communication Internship | 3 hrs |

| Interpersonal Communication Concentration | | | 24 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the traditional modality only.* | | | |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM/PSY | 3325 | Interpersonal Relationships | 3 hrs |
| COM | 3331 | Organizational Communication | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| COM | 4310 | Communication Internship | 3 hrs |
| *Complete one course from the following:* | | | |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| *Complete one course from the following:* | | | |
| COM | 3340 | Visual Communication Design | 3 hrs |
| COM | 4340 | Visual Production Design | 3 hrs |
| *Complete one course from the following:* | | | |
| PSY | 3331 | Introduction to Counseling | 3 hrs |
| PSY | 3332 | Personality Theories | 3 hrs |

| Public Relations and Advertising Concentration | | | 24 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the traditional and online modalities.* | | | |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 3331 | Organizational Communication | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM/BADM | 4351 | Advertising Management | 3 hrs |
| COM | 4310 | Communication Internship | 3 hrs |
| *Complete one course from the following:* | | | |
| COM/PSY | 3325 | Interpersonal Relationships | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| *Complete one course from the following:* | | | |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3352 | Integrated Marketing Communication | 3 hrs |

| Visual Communication Concentration | | | 24 hrs |
|---|---|---|---|
| *NOTE: This concentration offered in the traditional and online modalities.* | | | |
| COM | 2314 | Communication Technology | 3 hrs |
| COM | 4310 | Communication Internship | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM | 3340 | Visual Communication Design | 3 hrs |
| COM | 4340 | Visual Production Design | 3 hrs |
| *Complete one course from the following:* | | | |
| COM/PSY | 3325 | Interpersonal Relationships | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| *Complete one course from the following:* | | | |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM/BADM | 4351 | Advertising Management | 3 hrs |
| *Complete one course from the following:* | | | |
| ART | 1308 | Introduction to Photography | 3 hrs |
| ART | 3308 | Color | 3 hrs |

**Communication Program Outcomes**

1. Communication Majors will identify and demonstrate effective written and oral communication across a variety of mediums (e.g., social media posts, articles, research papers, public presentations, and team collaborations).
2. Communication Majors will be involved with Concordia campus life and engage in lifelong learning activities (e.g., Practicum projects, Tornado Podcast, Persuasion Contagion, and Communication Club).
3. Communication Majors will increase their cross-cultural sensitivity by taking cultural and travel courses, studying abroad, and/or participating in international activities.
4. Communication Majors will participate in service learning projects (e.g., through course assignments) to fulfill Concordia's mission of "developing Christian leaders."
5. Communication Majors will demonstrate expertise in a field of study through their internships, practicum, and experiential learning activities.

# BA - Digital Marketing & Influence

*Program Coordinator: Dr. Corinne Weisgerber*
*CIP: 52.1404*

The Digital Marketing & Influence major prepares students to lead with authenticity, integrity, and resilience in today's complex digital landscape. Integrating coursework from communication, business, psychology, theology, the arts, and the humanities, students will learn to create compelling content, build online communities with purpose, and critically assess the moral dimensions of digital culture. With a unique emphasis on wellness and ethical practice, the program goes beyond technical skill to foster self-awareness, and sustainable professional habits.

Through hands-on learning, industry-relevant marketing and media courses, and a dedicated focus on digital well-being, graduates will emerge as thoughtful, mission-driven digital leaders capable of driving positive change in online spaces.

*This major and some concentrations are offered in the following modalities: traditional (day-time, face-to-face) and fully online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Digital Marketing & Influence Major | | | 75 hrs |
|---|---|---|---|
| ART | 1308 | Introduction to Photography | 3 hrs |
| ART | 4306 | Art as Vocation | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3352 | Integrated Marketing Communications | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| COM | 2308 | Writing for the Media and Public Relations | 3 hrs |
| COM | 2312 | Focused Listening | 3 hrs |
| COM | 2314 | Communication Technology | 3 hrs |
| COM | 2319 | Digital & Media Literacy | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 3337 | Digital Identity, Influence, and Vocation | 3 hrs |
| COM | 2320 | Digital Wellness | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM | 4340 | Visual Production & Design | 3 hrs |
| ENG | 3318 | Writing for Publication | 3 hrs |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| PSY | 2303 | Lutheran Ethos & Psychology | 3 hrs |
| PSY/SOC | 3330 | Social Psychology | 3 hrs |
| REL | 3333 | Introduction to Christian Ethics | 3 hrs |
| *Complete one course from the following:* | | | |
| BADM | 4352 | Internship in Marketing | 3 hrs |
| COM | 4310 | Communication Internship | 3 hrs |

| Global/Cultural Coursework | | | |
|---|---|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | | | 6+ hrs |
| *Complete one course from the following options:* | | | |
| BADM | 2310 | Global Business & Communication | 3 hrs |
| COM | 3335 | Intercultural Communication | 3 hrs |

**Digital Marketing & Influence Program Outcomes**

1. Integrate ethical and theological frameworks to critically evaluate the moral dimensions of digital culture and guide their practice as digital storytellers.
2. Analyze the psychological and sociological factors that influence human behavior and persuasion in digital environments, applying this understanding to create impactful and responsible content.
3. Develop and execute strategic communication plans that effectively leverage various digital platforms and media for diverse audiences and objectives.

4. Create compelling and visually engaging digital content across multiple media formats (image, audio, video, text) while demonstrating proficiency in relevant production and design tools.
5. Design and implement digital marketing campaigns that align with business objectives, utilizing analytics and current best practices in SEO, social media, and integrated marketing communications.
6. Apply practices for digital well-being and resilience to sustain personal and professional health in online environments, fostering inner wholeness and preventing burnout.
7. Critically assess the impact of communication technologies on individuals and society, promoting media literacy and responsible engagement in the digital public square.
8. Demonstrate leadership, authenticity, and integrity in real-world digital contexts through experiential learning opportunities, preparing for a vocation as truthful and redemptive digital leaders.

## BBA - Business Administration

*Program Coordinator: Dr. Elena Skouratova*
*CIP: 52.0201*

With an emphasis on strong business acumen, the Business Administration major prepares students for work in various business industries as well as future graduate education and equips them to meet the demands of a rapidly changing marketplace. Students must select one full concentration in the area of Accounting and Financial Management, Digital Influence and Brand Marketing, Human Resource and Management, Marketing, or Sports Administration. There are four optional micro-concentrations students may add to their degree plan, but these cannot take the place of a full concentration.

Students interested in an introduction to this discipline are advised to take BADM 1310 Introduction to Business and Entrepreneurship. This course counts toward the requirements for the major.

*This major and most concentrations are offered in the following modalities: traditional and fully online.*
*See concentration list below for further details.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Business Administration Major | | | 39 hrs |
|---|---|---|---|
| ACC | 2301 | Financial Accounting | 3 hrs |
| ACC | 2302 | Managerial Accounting | 3 hrs |
| ECO | 2301 | Intro to Macroeconomics | 3 hrs |
| ECO | 2302 | Intro to Microeconomics | 3 hrs |
| BADM | 1310 | Introduction to Business & Entrepreneurship | 3 hrs |
| BADM | 2310 | Global Business and Communication | 3 hrs |
| BADM | 3311 | Principles of Management | 3 hrs |
| BADM | 3321 | Business Law | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3360 | Finance | 3 hrs |
| BADM | 3371 | Management Information Systems | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| *Complete one course from the following:* | | | |
| REL | - | Any 3-credit, upper-level REL course | 3 hrs |
| COM | 2317 | Cinema and Religion | 3 hrs |

*Choose one concentration:*

| Accounting and Financial Management Concentration | | | 24 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the traditional and online modalities.* | | | |
| BADM | 3335 | Data Analytics | 3 hrs |
| *Complete one course from the following:* | | | |
| BADM | 4367 | Finance Internship | 3 hrs |
| ACC | 4310 | Accounting Internship | 3 hrs |
| *Complete one course from the following:* | | | |
| ACC | 4380 | Advanced Financial Accounting (Capstone) | 3 hrs |
| BADM | 4369 | Financial Modeling in Excel (Capstone) | 3 hrs |
| *Complete five courses from the following:* | | | |
| ACC | 3301 | Intermediate Accounting I | 3 hrs |
| ACC | 3302 | Intermediate Accounting II | 3 hrs |

| | | | |
|---|---|---|---|
| ACC | 3320 | Fundamentals of Taxation | 3 hrs |
| ACC | 3370 | Audit Theory and Practice | 3 hrs |
| ACC | 3382 | Fraud Examination | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3361 | Money and Banking | 3 hrs |
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4361 | Investments | 3 hrs |
| BADM | 4363 | International Financial Management | 3 hrs |
| BADM | 4364 | Corporate Finance | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Digital Influence and Brand Marketing Concentration — 24 hrs

| | | | |
|---|---|---|---|
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3337 | Digital Identity, Influence, and Vocation (Capstone) | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| COM | 2319 | Digital and Media Literacy | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM | 4340 | Visual Production and Design | 3 hrs |
| BADM | 4352 | Internship in Marketing | 3 hrs |

## Human Resources and Management Concentration — 24 hrs

*NOTE: This concentration is offered in the traditional and online modalities.*

| | | | |
|---|---|---|---|
| BADM | 3340 | Fundamentals of Human Resource Management | 3 hrs |
| BADM | 4312 | Strategic Management (Capstone) | 3 hrs |

*Complete one course from the following:*

| | | | |
|---|---|---|---|
| BADM | 4341 | Human Resources Internship | 3 hrs |
| BADM | 4310 | Business Internship | 3 hrs |

*Complete five courses from the following:*

| | | | |
|---|---|---|---|
| BADM | 3330 | Project Management | 3 hrs |
| BADM | 3380 | Production and Operations Management | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3341 | Training and Development | 3 hrs |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3375 | Negotiations and Conflict Resolution | 3 hrs |
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4331 | Organizational Behavior and Development | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3331 | Organizational Communication | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Marketing Concentration — 24 hrs

*NOTE: This concentration offered in the traditional and online modalities.*

| | | | |
|---|---|---|---|
| BADM | 3335 | Data Analytics | 3 hrs |
| BADM | 4300 | Marketing Capstone | 3 hrs |
| BADM | 4352 | Internship in Marketing | 3 hrs |

*Complete five courses from the following:*

| | | | |
|---|---|---|---|
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3352 | Integrated Marketing Communications | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4333 | Market Research and Analysis | 3 hrs |
| BADM/COM | 4351 | Advertising Management | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Sports Administration Concentration — 24 hrs

*NOTE: This concentration offered in the traditional and online modalities.*

| | | | |
|---|---|---|---|
| BADM | 3335 | Data Analytics | 3 hrs |
| BADM | 4312 | Strategic Management (Capstone) | 3 hrs |
| KIN | 3345 | Sports Communication | 3 hrs |

| | | | |
|---|---|---|---|
| KIN | 3340 | Legal and Ethical Aspects of Sports Administration | 3 hrs |
| BADM | 4310 | Business Internship | 3 hrs |
| *Complete three courses from the following:* | | | |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3375 | Negotiations and Conflict Management | 3 hrs |
| BADM | 3380 | Product and Operations Management | 3 hrs |
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4380 | Business and Community | 3 hrs |
| KIN | 3315 | Organization and Administration of Physical Education & Sports | 3 hrs |
| KIN | 3331 | Coaching and Team Sports | 3 hrs |
| KIN/PSY | 3334 | Exercise and Sport Psychology | 3 hrs |
| LDR | 3313 | The Depths of Followership | 3 hrs |

## *Optional Micro-Concentrations*

*NOTE: These must be taken in conjunction with one of the standard concentrations listed above.*

### Communication (Micro-Concentration) — 9 hrs

*NOTE: This micro-concentration is offered in the traditional and online modalities.*

| | | | |
|---|---|---|---|
| COM | - | Complete any additional nine (9) upper-level COM credits not already completed in standard concentration | |

### Entrepreneurship (Micro-Concentration) — 9 hrs

*NOTE: This micro-concentration is offered in the traditional modality only.*

*Complete three courses from the following:*

| | | | |
|---|---|---|---|
| BADM | 3330 | Project Management | 3 hrs |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 4312 | Strategic Management | 3 hrs |
| BADM | 4333 | Market Research and Analysis | 3 hrs |
| BADM | 4363 | International Financial Management | 3 hrs |
| BADM | 4364 | Corporate Finance | 3 hrs |

### Finance (Micro-Concentration) — 9 hrs

*NOTE: This micro-concentration is offered in the traditional modality only.*

*Complete three courses from the following:*

| | | | |
|---|---|---|---|
| BADM | 3361 | Money and Banking | 3 hrs |
| BADM | 4361 | Investments | 3 hrs |
| BADM | 4363 | International Financial Management | 3 hrs |
| BADM | 4364 | Corporate Finance | 3 hrs |
| BADM | 4369 | Financial Modeling in Excel | 3 hrs |

### International Business (Micro-Concentration) — 9 hrs

*NOTE: This micro-concentration is offered in the traditional and online modalities.*

*Complete three courses from the following:*

| | | | |
|---|---|---|---|
| BADM | 3398 | National/International Travel | 3 hrs |
| BADM | 4363 | International Financial Management | 3 hrs |
| COM | 3335 | Intercultural Communication | 3 hrs |
| COM | 3398 | National/International Travel | 3 hrs |
| BADM/PUBH | 3314 | Essentials of Global Public Health | 3 hrs |
| POLS | 3333 | International Relations and Comparative Politics | 3 hrs |
| SOC/HIS | 2306 | Race and Ethnic Relations | 3 hrs |

**Business Administration (BBA) Program Outcomes**

1. BBA students will be able to identify and use effective communication (written, spoken) using a variety of mediums (person to person, visual, social, etc.) in order to collaborate effectively with teams, supervisors, peers and associates.
2. BBA students will be able to use qualitative and quantitative analytical skills to think creatively in problem solving and decision-making.
3. BBA students will be able to draw upon a Christian worldview to think strategically, make decisions, and engage in business practices as they act as leaders and stewards of their talents, organizational resources, and the earth.

4. BBA students Business will demonstrate and effectively practice their profession upon graduation by demonstrating knowledge and competency in the following areas: Accounting, Economics, Management, Quantitative Analysis, Finance, Marketing, Legal/Social Environment, and International Issues
5. BBA students will apply professional competence and personal convictions to add value to their employers and communities.

## Accounting and Financial Management Minor

| Accounting and Financial Management Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| *Bachelor of Business Administration students may **not** add this minor.* | | | |
| ACC | 2301 | Financial Accounting | 3 hrs |
| ACC | 2302 | Managerial Accounting | 3 hrs |
| BADM | 3360 | Finance | 3 hrs |
| *Complete three courses from the following:* | | | |
| BADM | 3335 | Data Analytics | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3361 | Money and Banking | 3 hrs |
| BADM | 4361 | Investments | 3 hrs |
| BADM | 4363 | International Financial Management | 3 hrs |
| BADM | 4364 | Corporate Finance | 3 hrs |
| ACC | 3301 | Intermediate Accounting I | 3 hrs |
| ACC | 3302 | Intermediate Accounting II | 3 hrs |
| ACC | 3320 | Fundamentals of Taxation | 3 hrs |
| ACC | 3370 | Audit Theory and Practice | 3 hrs |
| ACC | 3382 | Fraud Examination | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Human Resources and Management Minor

| Human Resources and Management Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| BADM | 3311 | Principles of Management | 3 hrs |
| BADM | 3340 | Fundamentals of Human Resource Management | 3 hrs |
| *Complete four courses from the following:* | | | |
| BADM | 3330 | Project Management | 3 hrs |
| BADM | 3380 | Production and Operations Management | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3341 | Training and Development | 3 hrs |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3375 | Negotiations and Conflict Management | 3 hrs |
| BADM | 4312 | Strategic Management | 3 hrs |
| BADM | 4331 | Organizational Behavior and Development | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3331 | Organizational Communication | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Leadership Studies Minor

| Leadership Studies Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional modality only.* | | | |
| *Complete 12 hours from the following:* | | | |
| LDR | 2116S | Student Leadership Practicum: Student Government<br>*Note: Can be taken up to 3 times for credit* | 1 hr |
| LDR | 2305 | Outdoor Leadership | 3 hrs |
| LDR | 3301 | Peer Leaders<br>*Note: Approval required* | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |
| LDR | 3312 | Community & Volunteer Leadership | 3 hrs |
| LDR | 3313 | The Depths of Followership | 3 hrs |
| LDR | 4301 | Creating Lasting Change | 3 hrs |
| *Complete a minimum of two courses and 6 hours from the following:* | | | |
| BADM | - | 3311, 3341, 3375, 4312, or 4331 | |
| BIO | - | 3302, 3370 | |

| | | |
|---|---|---|
| COM | - | 3304, 3325, 3331, 3335, 3350 |
| CSC | - | 3301, 4301 |
| CRIJ | - | 3300, 3306, 3314 |
| EDU | - | 1302, 2343 |
| ENG | - | 3311, 3312 |
| ESC | - | 1201, 1202, 3306 |
| KIN | - | 3331, 3332 |
| MTH | - | 3343, 4101 |
| MIN | - | 1110, 1120, 1130, 3198, 3232, 3240, 3316, 3320 |
| MUS | - | 1124, 1128, 1131, 1133, 2214, 3223 |
| NUR | - | 3430, 4357 (NUR courses restricted to Nursing students only) |
| POLS | - | 2116/2216, 3321, 3332, 3333, 3334, 4346 |
| PSY | - | 3304, 3325, 3332, 3608 |
| REL | - | 3333, 3381 |
| SCI | - | 3303, 3304, 3307 |
| SOC | - | 2306, 3301, 3307 |

## Marketing Minor

| Marketing Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3335 | Data Analytics | 3 hrs |
| *Complete four courses from the following:* | | | |
| BADM | 3351 | Selling and Sales Management | 3 hrs |
| BADM | 3352 | Integrated Marketing Communications | 3 hrs |
| BADM | 3353 | Consumer Behavior | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 4333 | Market Research and Analysis | 3 hrs |
| BADM/COM | 4351 | Advertising Management | 3 hrs |
| BADM | 4300 | Marketing Capstone | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| LDR | 3311 | Cultivating Ethical Leadership | 3 hrs |

## Sports Administration Minor

| Sports Administration Minor | | | 18 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| BADM | 3311 | Principles of Management | 3 hrs |
| BADM | 3335 | Data Analytics | 3 hrs |
| KIN | 3345 | Sports Communication | 3 hrs |
| KIN | 3340 | Legal and Ethical Aspects of Sports Administration | 3 hrs |
| *Complete two courses from the following:* | | | |
| KIN | 3315 | Organization and Administration of Physical Education and Sport | 3 hrs |
| BADM | 3354 | Entrepreneurship | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 3375 | Negotiations and Conflict Management | 3 hrs |
| LDR | 3313 | The Depths of Followership | 3 hrs |

## Interpersonal Communication Minor

| Interpersonal Communication Minor | | | 21 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional modality only.* | | | |
| *Communication students may **not** add this minor.* | | | |
| COM | 2312 | Focused Listening | 3 hrs |
| COM | 3304 | Group Dynamics | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM/PSY | 3325 | Interpersonal Relationships | 3 hrs |
| COM | 3335 | Intercultural Communication | 3 hrs |
| COM | 3350 | Conflict Resolution | 3 hrs |
| COM | 4350 | Communication Capstone | 3 hrs |

## Public Relations and Advertising Minor

| Public Relations and Advertising Minor | | | 21 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| *Communication students may **not** add this minor.* | | | |
| COM | 2308 | Writing for the Media and Public Relations | 3 hrs |
| COM | 3308 | Persuasive Communication | 3 hrs |
| COM | 3310 | Strategic Communication | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| COM | 4350 | Communication Capstone | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| COM/BADM | 4351 | Advertising Management | 3 hrs |

## Visual Communication Minor

| Visual Communication Minor | | | 21 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the traditional and online modalities.* | | | |
| *Communication students may **not** add this minor.* | | | |
| COM | 2314 | Communication Technology | 3 hrs |
| COM | 3320 | Media Law and Ethics | 3 hrs |
| COM | 4301 | Digital Storytelling | 3 hrs |
| ART | 1308 | Introduction to Photography | 3 hrs |
| COM | 3340 | Visual Communication Design | 3 hrs |
| COM | 4340 | Visual Production Design | 3 hrs |
| COM | 4350 | Communication Capstone | 3 hrs |

# Graduate Programs

## MBA - Business Administration

*Program Coordinator: Dr. Chris Putnam*
*CIP: 52.0201*

The Concordia MBA is designed for professionals with a sincere desire to become meaningful leaders who will change the world around them. MBA graduate students will master core business concepts, utilize analytical tools, and enhance leadership skills to build a better future. With a rich business curriculum, students will benefit from guest speakers, computerized simulations, case studies, learning teams, along with real world business projects by partnering with local businesses and nonprofit organizations.

*This program is offered in the following modalities: hybrid and fully online.*
*Concentrations are only offered in the fully-online modality.*

| Master of Business Administration Major | | | 32 hrs |
|---|---|---|---|
| MBA | 5306 | Critical Thinking | 3 hrs |
| MBA | 5103 | Leadership-Self | 1 hr |
| MBA | 5303 | Marketing Management | 3 hrs |
| MBA | 5301 | Data Analytics | 3 hrs |
| MBA | 5304 | Managerial Economics | 3 hrs |
| MBA | 5308 | Organizational Ethics, Behavior, and Change | 3 hrs |
| MBA | 5220 | Business, Society, and Public Policy | 2 hrs |
| MBA | 5305 | Financial Accounting and Management | 3 hrs |
| MBA | 5113 | Leadership-Others | 1 hr |
| MBA | 5122 | Leadership-Community | 1 hr |
| MBA | 5316 | Managing Operations and Supply-Chain | 3 hrs |
| MBA | 5312 | Corporate Finance and Investments | 3 hrs |
| MBA | 5225 | Entrepreneurship and Innovation | 2 hrs |
| MBA | 5199 | Capstone | 1 hr |

***Optional Concentrations***

| Organizational Development and Learning Concentration | 12 hrs |
|---|---|
| *NOTE: This concentration is offered in the fully online modality only.* | |

| | | | |
|---|---|---|---|
| MBA | 5309 | Organizational Culture, Power, and Influence | 3 hrs |
| MBA | 5319 | Talent Management | 3 hrs |
| MBA | 5318 | Principles of Corporate Training and Learning | 3 hrs |
| MBA | 5313 | Organizational Processes in Consulting and Coaching | 3 hrs |

| School Finance and Operations Concentration | | | 12 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the fully online modality only.* | | | |
| MBA | 5370 | School Operations I | 3 hrs |
| MBA | 5371 | School Operations II | 3 hrs |
| MBA | 5372 | School Finance for Business Officials | 3 hrs |
| MBA | 5373 | School Law for Business Officials | 3 hrs |

| Learning Technology and Innovation Leadership | | | 12 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the fully online modality only.* | | | |
| MBA | 5330 | Learning Innovation and Design Foundations | 3 hrs |
| MBA | 5333 | AI and Learning Analytics for Performance Improvement | 3 hrs |
| MBA | 5336 | Learning Culture and Employee Engagement | 3 hrs |
| MBA | 5339 | Learning Ethics and Organizational Development Leadership | 3 hrs |

| Artificial Intelligence Strategy and Leadership | | | 12 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the fully online modality.* | | | |
| MBA | 5331 | AI Strategy and Implementation for Business | 3 hrs |
| MBA | 5334 | AI Project Management and Change Leadership | 3 hrs |
| MBA | 5337 | Customer Analytics and AI-Powered Marketing | 3 hrs |
| MBA | 5340 | AI Ethics, Risk Management, and Governance | 3 hrs |

| Data Science and Analytics Leadership | | | 12 hrs |
|---|---|---|---|
| *NOTE: This concentration is offered in the fully online modality only.* | | | |
| MBA | 5332 | Business Analytics Fundamentals and Strategy | 3 hrs |
| MBA | 5335 | Data Visualization and Business Storytelling | 3 hrs |
| MBA | 5338 | Customer Analytics and Predictive Modeling for Business | 3 hrs |
| MBA | 5341 | Business Intelligence Systems and Performance Management | 3 hrs |

| Faith and Social Impact Leadership | | | 12 hrs |
|---|---|---|---|
| MBA | 5342 | Faith-Driven Leadership & Vocational Calling | 3 hrs |
| MBA | 5343 | Nonprofit Strategy & Social Impact Design | 3 hrs |
| MBA | 53xx | Missional Entrepreneurship & Innovation | 3 hrs |
| MBA | 53xx | Christian Stewardship & Resource Development | 3 hrs |

**Business Administration (MBA) Program Outcomes**

1. Students will master core business concepts and analytical tools in marketing, economics, finance, management, operations, strategy, entrepreneurship, and leadership.
2. Students will be able to make courageous and effective decisions about complex business situations by utilizing quantitative and qualitative information along with ethics and personal values.
3. Students will be able to identify, organize, and deploy resources necessary for an effective and efficient business or undertaking that positively impacts the community.
4. Students will be able to effectively communicate and collaborate with team members, those they are leading, and community/business partners.
5. Students will demonstrate knowledge and application of prescribed ethical codes and conduct to develop as professional leaders in the workplace.

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# College of Education

*Dr. Stephanie Hartzell, College Director*

Mission and Overview

The College of Education supports the mission of Concordia University Texas by providing ongoing education for pre-service and in-service teachers in a collaborative, field-based, Christian environment for the life-long pursuit of excellence in teaching, learning and serving.

As a student in the undergraduate teacher education programs in the College of Education, you will prepare to be an "inspiring and engaging" teacher in a public, private, parochial or charter school. You will focus specifically on the level of student and content you wish to teach, from preschool through high school level.

*Why Choose a Degree from the College of Education?*
Each day a teacher-educator molds our future. Teachers create the environment that opens up the minds of our young people to the world around them. They foster creativity, help build character, inspire discovery, and provide role models. Teachers change lives. You can be "that" teacher.

*Why choose an Education major?*
Students often pursue a major in Education to prepare for:

- Certification to teach
- Teaching or training programs for adults
- Workforce development
- Community education
- International training and development
- Development of children's programs
- A role in policy-making
- Work in educational settings

# Bachelor's Programs

The GPA of 2.75 must be maintained each term to continue in a teacher certification program. All courses in The Concordia Common Experience curriculum, Concentrations, and Major must be completed with grades of "C" or above. College of Education students should visit the College of Education handbook for further details regarding program requirements.

## BA - Interdisciplinary Studies

*Program Coordinator: Karen Wiggins*
*CIP: 13.0101*

Education students who major in Interdisciplinary Studies will gain a strong foundation in educational philosophy and teaching strategies while learning the fundamentals of the core contents covered in elementary and middle school including math, science, social studies, English language arts, reading, health, PE, and fine arts. Students will select one of three concentrations:

- ECE - 6th grade (for students seeking to apply for certification to teach all core subjects to students in PK - 6th grade),
- 4th - 8th grade (for students seeking to apply for certification to teach all core subjects to students in grades 4 through 8), and
- General Studies (for students seeking a strong foundation in the core contents, but not seeking to apply for certification upon graduation).

***NOTE***: Because students must meet the requirements mandated by the state legislature and Texas Education Agency (TEA) at the time of graduation, the degree program that was in place at the time they entered Concordia may change by the time a student graduates.

*This major and each concentration is offered in the following modalities: traditional only.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework | | | 23 hrs |
|---|---|---|---|
| MTH | 1351 | College Algebra | 3 hrs |
| PSY | 1311 | Intro to Psychology | 3 hrs |
| PHY | 1441 | Conceptual Physics | 4 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| EDU | 2323 | Educational Technology | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| SPN | 1401 | Spanish I | 4 hrs |

| Interdisciplinary Studies Major | | | 45-46 hrs |
|---|---|---|---|
| EDU | 1302 | Intro to Education | 3 hrs |
| EDU | 2343 | Educational Psychology | 3 hrs |
| EDU | 2304 | Children's Literature | 3 hrs |
| EDU | 2310 | Intro to Exceptional Learners | 3 hrs |
| EDU | 3311 | Teaching Strategies and Assessment | 3 hrs |
| EDU | 2320 | Teaching Culturally and Linguistically Diverse Students (†) | 3 hrs |
| HIS | 3311 | Texas History | 3 hrs |
| EDU | 3307 | Mathematics for Teachers I | 3 hrs |
| EDU | 3308 | Mathematics for Teachers II | 3 hrs |
| RDG | 3311 | Foundations of Literacy | 3 hrs |
| EDU | 3340 | Societal Relationships and Class Management | 3 hrs |
| - | - | *Complete 3 credits in Fine Arts (ART, THEA, or MUS)* | 3 hrs |
| *Complete one course from the following:* | | | |
| ESC | 1302 | Intro to Environmental Science | 3 hrs |
| BIO | 1401 | Principles of Biology | 3 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

*Choose one concentration:*

| Teaching Core Subjects EC-6th | | | 33 hrs |
|---|---|---|---|
| RDG | 3326 | Literacy and Language: Primary Grades | 3 hrs |
| ECE | 3320 | ECE Curriculum, Methods and Materials | 3 hrs |
| RDG | 4327 | Literacy and Language: Intermediate Grades | 3 hrs |
| EDU | 4305 | Mathematical Methods-Elem | 3 hrs |
| EDU | 4307 | Science and Health Methods-Elementary | 3 hrs |
| EDU | 4312 | Methods of Social Studies | 3 hrs |
| EDU | 3101 | Teacher Education Seminar I | 1 hr |
| EDU | 4101 | Teacher Education Seminar II | 1 hr |
| EDU | 4103 | Teacher Education Seminar III | 1 hr |
| *Complete one of the following options (12 credits):* | | | |
| EDU | 41200 | Clinical Teaching (Capstone) | 12 hrs |
| EDU | 4601 | Clinical Experience for Yearlong Co-Teaching (Capstone) (must be completed twice for 12 total credits) | 6 hrs |

| Teaching Core Subjects 4th-8th | | | 39 hrs |
|---|---|---|---|
| EDU | 3309 | Mathematics for Teachers III | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| RDG | 3326 | Literacy and Language: Primary Grades | 3 hrs |
| RDG | 3342 | Disciplinary Literacy | 3 hrs |
| RDG | 4327 | Literacy and Language: Intermediate Grades | 3 hrs |
| EDU | 4305 | Mathematical Methods-Elem | 3 hrs |
| EDU | 4307 | Science and Health Methods | 3 hrs |
| EDU | 4312 | Methods of Social Studies | 3 hrs |
| EDU | 3101 | Teacher Education Seminar I | 1 hr |
| EDU | 4101 | Teacher Education Seminar II | 1 hr |
| EDU | 4103 | Teacher Education Seminar III | 1 hr |
| *Complete one of the following options (12 credits):* | | | |
| EDU | 41200 | Clinical Teaching (Capstone) | 12 hrs |
| EDU | 4601 | Clinical Experience for Yearlong Co-Teaching (Capstone) (must be completed twice for 12 total credits) | 6 hrs |

| General Studies | | | 27 hrs |
|---|---|---|---|

*NOTE: This concentration is designed for students who are unable to continue in a teacher education program according to the Texas Education Agency standards and does not lead to certification. This concentration will allow the student to graduate with the combination of coursework below.*

*Complete nine (9) courses in the following subject areas, with at least 12 upper-level credits:*

| | |
|---|---|
| ECE | Early Childhood Education |
| EDU | Education |
| MTH | Mathematics |
| SCI, ESC, PHY, BIO, or CHE | Science, Environmental Science, Physics, Biology, or Chemistry |
| RDG, ENG | Reading, English |
| HIS | History |

## *Optional Micro-Concentrations*

*NOTE: The following micro-concentrations are not required but encouraged to be taken in addition to one of the required concentrations listed above. Please note that some of the micro-concentrations will not necessarily lead to additional certifications; students should contact their faculty advisor for more information.*

### Bilingual Education — 12 hrs

*NOTE: 50 hours of field experience in a bilingual education classroom required (this also fulfills 50 of the required fieldwork hours in the program).*

| | | | |
|---|---|---|---|
| SPN | 2311 | Spanish III | 3 hrs |
| SPN | 2312 | Spanish IV | 3 hrs |
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with one co-requisite field experience course listed below)<br>*EDU 4010 Urban Immersion Seminar: Travel Field Experience*<br>*EDU 4012 Urban Immersion Seminar: Austin Area Field Experience* | 3 hrs |

### ESOL – English for Speakers of Other Languages — 6 hrs

*NOTE: 50 hours of field experience in an ESL classroom required (this also fulfills 50 of the required fieldwork hours for the program).*

| | | | |
|---|---|---|---|
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with one co-requisite field experience course listed below)<br>*EDU 4010 Urban Immersion Seminar: Travel Field Experience*<br>*EDU 4012 Urban Immersion Seminar: Austin Area Field Experience* | 3 hrs |

### Teacher Residency — 18 hrs

*NOTE: This micro-concentration requires application and agreement with partner district. Students are assigned to one fieldwork/clinical teaching placement for their entire senior year, with additional hours required.*

| | | | |
|---|---|---|---|
| EDU | 4601 | Clinical Experience for Yearlong Co-Teaching (Fall – minimum of 210 fieldwork hours) | 6 hrs |
| EDU | 41200 | Clinical Teaching (Spring – minimum of 490 fieldwork hours) | 12 hrs |

### Urban Education — 6 hrs

*NOTE: 50 hours of field experience in an urban classroom required (this also fulfills 50 of the required fieldwork hours in the program).*

| | | | |
|---|---|---|---|
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with EDU 4010 Travel Field Experience) | 3 hrs |

### STEM Math — 6 hrs

*NOTE: This micro-concentration can only be paired with the Interdisciplinary Studies major (alongside the required EC-6$^{th}$ or 4$^{th}$-8$^{th}$ concentration). 50 hours of field experience in a math class required (this also fulfills 50 of the required fieldwork hours in the program).*

| | | | |
|---|---|---|---|
| MTH | 3305 | Mathematics for Teachers III | 3 hrs |

*Complete one course from the following:*

| | | | |
|---|---|---|---|
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH/CSC | 2305 | Discrete Structures | 3 hrs |

### STEM Science — 6-8 hrs

*NOTE: This micro-concentration can only be paired with the Interdisciplinary Studies major (alongside the required EC-6$^{th}$ or 4$^{th}$-8$^{th}$ concentration). 50 hours of field experience in a science class required (this also fulfills 50 of the required fieldwork hours in the program).*

*Complete two courses from the following:*

| | | | |
|---|---|---|---|
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO | 3310 | Nutrition | 3 hrs |
| BIO/ESC | 3403 | General Ecology | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| ESC | 3308 | Environmental Education | 3 hrs |
| SCI | 1402 | Intro to Astronomy | 4 hrs |

Christian Teacher Diploma

Please see the Special Programs section, under the School of Ministry, for course requirements.

(†) *Satisfies 3-credits of Global/Cultural Coursework requirement.*

**Interdisciplinary Studies Program Outcomes**

In alignment with Texas Education Teacher Standards, Interdisciplinary Studies graduates will:

1. Design instruction appropriate for all students that reflects an understanding of relevant content and is based on continuous and appropriate assessment
2. Create a classroom environment of respect and rapport that fosters a positive climate for learning, equity, and excellence.
3. Promote student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively engage students in the learning process, and timely, high-quality feedback.
4. Fulfill professional roles and responsibilities and adhere to legal and ethical requirements of the profession.

## BA - Education Content Curriculum

*Program Coordinator: Karen Wiggins*
*CIP: 13.1205*

Students who major in Education Content Curriculum will gain a strong foundation in educational philosophy and strategies while gaining expertise in one content area. Students will select one of several concentrations to pair with the Education major that can lead to being released to test and apply for teacher certification. The concentration will include a content area and a grade range. Concordia University Texas is credentialed to prepare students for and release them to test and apply for certification in the following areas:

- English Language Arts and Reading 4-8 Concentration
- English Language Arts and Reading 7-12 Concentration, or double major in English
- History 7-12 concentration, or double major in History
- Life Science 7-12 concentration, or double major in BA - Biology
- Math 4-8 Concentration
- Math 7-12 Concentration, or double major in BA - Math
- Science Composite 4-8 Concentration
- Science Composite 7-12 Concentration
- Social Studies 4-8 Concentration
- Social Studies 7-12 Concentration
- English Language Arts and Reading, and Social Studies 4-8 Concentration
- Music EC-12 - requires double major in BA - Music Education
- Physical Education EC-12 Concentration

Students may not pair a major in Education Content Curriculum with any areas that are not listed above. Students will only be released to test in one area of certification upon graduation. After graduation and successful acquisition of initial certification, students seeking certification in additional areas will apply directly to the state.

*This major and each concentration is offered in the following modalities: traditional only.*

Concordia Common Experience/General Education 43-45 hrs

| Supporting Coursework | | | 10 hrs |
|---|---|---|---|
| PSY | 1311 | Intro to Psychology | 3 hrs |
| EDU | 2323 | Educational Technology | 3 hrs |
| SPN | 1401 | Spanish I | 4 hrs |

| Education Content Curriculum Major | | | 42 hrs |
|---|---|---|---|
| EDU | 1302 | Intro to Education | 3 hrs |
| EDU | 2343 | Educational Psychology | 3 hrs |
| EDU | 2310 | Intro to Exceptional Learners | 3 hrs |
| EDU | 3311 | Teaching Strategies and Assessment | 3 hrs |
| EDU | 2320 | Teaching Culturally and Linguistically Diverse Students (†) | 3 hrs |
| EDU | 3340 | Societal Relationships and Class Management | 3 hrs |
| RDG | 3342 | Disciplinary Literacy | 3 hrs |
| EDU | 3101 | Teacher Education Seminar I | 1 hr |
| EDU | 4101 | Teacher Education Seminar II | 1 hr |
| EDU | 4103 | Teacher Education Seminar III | 1 hr |
| *Complete one of the following options (12 credits):* | | | |
| EDU | 41200 | Clinical Teaching (Capstone) | 12 hrs |
| EDU | 4601 | Clinical Experience for Yearlong Co-Teaching (Capstone) (must be completed twice for 12 total credits) | 6 hrs |

| Global/Cultural Coursework | |
|---|---|
| *Complete two consecutive terms (at least 6 hours) of a non-English language* | 6+ hrs |

*Choose one concentration:*

| English Language Arts and Reading 4th-8th | | | 39 hrs |
|---|---|---|---|
| ENG | 3332 | Teaching Writing with Adolescent Literature | 3 hrs |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| ENG | 2303 | American Literature | 3 hrs |
| ENG | 2305 | Survey of British Lit | 3 hrs |
| ENG | 2331 | History of the English Language | 3 hrs |
| ENG | 3305 | Poetry | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3323 | Shakespeare | 3 hrs |
| ENG | 2307 | Introduction to Literary Criticism | 3 hrs |
| RDG | 3311 | Foundations of Literacy | 3 hrs |
| RDG | 3326 | Primary Literacy | 3 hrs |
| RDG | 4327 | Literacy and Language: Intermediate Grades | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3302 | Drama | 3 hrs |
| ENG | 3341 | Hispanic Writers of the U.S. | 3 hrs |
| ENG | 3303 | Short Story | 3 hrs |
| ENG | 4301 | Special Topics in Literature | 3 hrs |

| English Language Arts and Reading 7th-12th | | | 36 hrs |
|---|---|---|---|
| *NOTE: In lieu of this concentration, students may choose to double-major in English with the English Education concentration, plus EDU 4300 Secondary Content Methods.* | | | |
| ENG | 3332 | Teaching Writing with Adolescent Literature | 3 hrs |
| ENG | 2301 | Survey of Classicism | 3 hrs |
| ENG | 2303 | American Literature | 3 hrs |
| ENG | 2305 | Survey of British Lit | 3 hrs |
| ENG | 2331 | History of the English Language | 3 hrs |
| ENG | 3305 | Poetry | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3323 | Shakespeare | 3 hrs |
| ENG | 2307 | Introduction to Literary Criticism | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3302 | Drama | 3 hrs |
| ENG | 3341 | Hispanic Writers of the U.S. | 3 hrs |
| ENG | 3303 | Short Story | 3 hrs |
| ENG | 4301 | Special Topics in Literature | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3301 | British Novel | 3 hrs |
| ENG | 3308 | American Novel | 3 hrs |

| History 7th-12th | 45 hrs |
|---|---|

*NOTE: In lieu of this concentration, students may choose to double-major in History, plus EDU 4300 Secondary Content Methods.*

| | | | |
|---|---|---|---|
| HIS | 2301 | Historical Methods | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS | 3301 | History of Mexico | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3321 | International Relations Since 1919 | 3 hrs |
| HIS | 3341 | Civil War | 3 hrs |
| HIS | 3311 | Texas History | 3 hrs |
| HIS | 3343 | Post-World War II America | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete one course from the following:* | | | |
| HIS | 3342 | American West | 3 hrs |
| HIS | 4360 | Topics in History | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |
| *Complete one course from the following:* | | | |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS | 3314 | Traditions/Values of Classical Civilizations | 3 hrs |
| HIS | 3352 | Middle Ages | 3 hrs |

## Life Science 7th-12th — 42-43 hrs

*NOTE: In lieu of this concentration, students may choose to double-major in BA-Biology, plus EDU 4300 Secondary Content Methods.*

| | | | |
|---|---|---|---|
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 2403 | General Botany | 4 hrs |
| BIO/ESC | 3403 | General Ecology | 4 hrs |
| BO | 3404 | Genetics | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| PHY | 1401 | Physics I | 4 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete one course from the following:* | | | |
| BIO | 3302 | Tropical Biology | 3 hrs |
| BIO | 3310 | Nutrition | 3 hrs |
| BIO | 3370 | Ecology of the Pacific Northwest | 3 hrs |
| BIO | 3401 | General Microbiology | 4 hrs |

## Math 4th-8th — 31 hrs

| | | | |
|---|---|---|---|
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH | 1352 | Pre-Calculus | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 3311 | Linear Algebra | 3 hrs |
| MTH | 3313 | Number Theory | 3 hrs |
| MTH | 3316 | Geometry | 3 hrs |
| EDU | 3307 | Mathematics for Teachers I | 3 hrs |
| EDU | 3308 | Mathematics for Teachers II | 3 hrs |
| EDU | 3309 | Mathematics for Teachers III | 3 hrs |
| *Complete one course from the following:* | | | |
| EDU | 4305 | Mathematical Methods-Elem | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |

## Math 7th-12th — 39 hrs

*NOTE: In lieu of this concentration, students may double-major in BA-Mathematics, plus EDU 4300 Secondary Content Methods.*

| | | | |
|---|---|---|---|
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| MTH | 1352 | Pre-Calculus | 3 hrs |
| MTH | 2401 | Calculus I | 4 hrs |
| MTH | 3311 | Linear Algebra | 3 hrs |
| MTH | 3313 | Number Theory | 3 hrs |
| MTH | 3316 | Geometry | 3 hrs |
| EDU | 3309 | Mathematics for Teachers III | 3 hrs |

| | | | |
|---|---|---|---|
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| MTH | 2402 | Calculus II | 4 hrs |
| MTH | 3410 | Calculus III | 4 hrs |
| MTH | 3317 | Differential Equations | 3 hrs |
| MTH | 3341 | Theory of Probability | 3 hrs |

| Science Composite 4th-8th | | | 41-42 hrs |
|---|---|---|---|
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| ESC/BIO | 3403 | General Ecology | 4 hrs |
| GLG | 3301 | Geology | 3 hrs |
| PHY | 1401 | Physics I | 4 hrs |
| SCI | 1402 | Introduction to Astronomy | 4 hrs |
| *Complete one course from the following:* | | | |
| EDU | 4307 | Science and Health for Elementary Teachers | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete one course from the following:* | | | |
| BIO | 3404 | Genetics | 4 hrs |
| BIO | 3310 | Nutrition | 3 hrs |
| BIO | 3401 | General Microbiology | 4 hrs |
| BIO | 3412 | Anatomy & Physiology II | 4 hrs |
| CHE | 3301 | Inorganic Chemistry | 3 hrs |

| Science Composite 7th-12th | | | 49 hrs |
|---|---|---|---|
| BIO | 1402 | General Zoology | 4 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| ESC/BIO | 3403 | General Ecology | 4 hrs |
| GLG | 3301 | Geology | 3 hrs |
| PHY | 1401 | Physics I | 4 hrs |
| SCI | 1402 | Introduction to Astronomy | 4 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| PHY | 1402 | Physics II | 4 hrs |
| BIO | 3404 | Genetics | 4 hrs |

| Social Studies 4th-8th | | | 42 hrs |
|---|---|---|---|
| ECO | 2301 | Introduction to Macroeconomics | 3 hrs |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS | 2301 | Historical Methods | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS | 3311 | Texas History | 3 hrs |
| POLS | 3332 | American Political Institutions and Processes | 3 hrs |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| *Complete one course from the following:* | | | |
| EDU | 4312 | Methods of Social Studies | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete two courses from the following:* | | | |
| HIS | 3301 | History of Mexico | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3341 | Civil War Era | 3 hrs |
| HIS | 3342 | American West | 3 hrs |
| HIS | 3343 | Post-World War II America | 3 hrs |
| POLS | 3321 | Public Policy | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |

| Social Studies 7th-12th | | | 42 hrs |
|---|---|---|---|
| ECO | 2301 | Introduction to Macroeconomics | 3 hrs |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS | 2301 | Historical Methods | 3 hrs |
| HIS/SOC | 2306 | Race and Ethnic Relations | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS | 3311 | Texas History | 3 hrs |
| POLS | 3332 | American Political Institutions and Processes | 3 hrs |
| SOC | 1301 | Introduction to Sociology | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete two courses from the following:* | | | |
| HIS | 3301 | History of Mexico | 3 hrs |
| HIS | 3308 | Asian History and Culture | 3 hrs |
| HIS | 3341 | Civil War Era | 3 hrs |
| HIS | 3342 | American West | 3 hrs |
| HIS | 3343 | Post-World War II America | 3 hrs |
| POLS | 3321 | Public Policy | 3 hrs |
| HIS | 3344 | American Environmental History | 3 hrs |

| English Language Arts and Reading, and Social Studies 4th-8th | | | 51 hrs |
|---|---|---|---|
| ENG | 3332 | Teaching Writing with Adolescent Literature | 3 hrs |
| ENG | 2303 | American Literature | 3 hrs |
| ENG | 2305 | Survey of British Lit | 3 hrs |
| ENG | 2331 | History of the English Language | 3 hrs |
| ENG | 3311 | Advanced Writing | 3 hrs |
| ENG | 3303 | Short Story | 3 hrs |
| HIS | 1312 | Human Geography | 3 hrs |
| HIS | 1301 | US History to 1877 | 3 hrs |
| HIS | 1302 | US History from 1877 | 3 hrs |
| HIS | 2311 | World History to 1500 | 3 hrs |
| HIS | 2312 | World History from 1500 | 3 hrs |
| HIS | 3311 | Texas History | 3 hrs |
| RDG | 3311 | Foundations of Literacy | 3 hrs |
| RDG | 3326 | Primary Literacy | 3 hrs |
| RDG | 4327 | Literacy and Language: Intermediate Grades | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 3302 | Drama | 3 hrs |
| ENG | 3341 | Hispanic Writers of the US | 3 hrs |

| Music EC-12th | | | 63 hrs |
|---|---|---|---|
| EDU | 4300 | Secondary Content Methods | 3 hrs |
| | | *Student must also complete the BA-Music (Music Education Concentration).* | 60 hrs |

| Physical Education EC-12th | | | 41 hrs |
|---|---|---|---|
| KIN | 1302 | First Aid and Safety | 3 hrs |
| KIN | 2301 | Personal and Community Health | 3 hrs |
| KIN | 2330 | Prevention and Treatment of Movement Injuries | 3 hrs |
| KIN | 3313 | Motor Development and Learning | 3 hrs |
| BIO | 1403 | Cellular and Molecular Biology | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| KIN | 2303 | Theory and Application of Physical Fitness | 3 hrs |
| KIN | 3315 | Organization and Admin of Phys. Ed. & Sport | 3 hrs |
| KIN/PSY | 3334 | Exercise and Sports Psychology | 3 hrs |
| KIN | 3331 | Coaching Team Sports | 3 hrs |
| KIN | 3332 | Coaching Individual Sports | 3 hrs |
| KIN/EDU | 3333/3331 | Methods of Teaching Physical Education | 3 hrs |
| EDU | 4300 | Secondary Content Methods | 3 hrs |

## *Optional Micro-Concentrations*

*NOTE: The following micro-concentrations are not required but encouraged to be taken in addition to one of the required concentrations listed above. Please note that some of the micro-concentrations will not necessarily lead to additional certifications; students should contact their faculty advisor for more information.*

| Bilingual Education | | | 12 hrs |
|---|---|---|---|
| *NOTE: 50 hours of field experience in a bilingual education classroom required (this also fulfills 50 of the required fieldwork hours in the program).* | | | |
| SPN | 2311 | Spanish III | 3 hrs |
| SPN | 2312 | Spanish IV | 3 hrs |
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with one co-requisite field experience course listed below)<br>*EDU 4010 Urban Immersion Seminar: Travel Field Experience*<br>*EDU 4012 Urban Immersion Seminar: Austin Area Field Experience* | 3 hrs |

| ESOL – English for Speakers of Other Languages | | | 6 hrs |
|---|---|---|---|
| *NOTE: 50 hours of field experience in an ESL classroom required (this also fulfills 50 of the required fieldwork hours for the program).* | | | |
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with one co-requisite field experience course listed below)<br>*EDU 4010 Urban Immersion Seminar: Travel Field Experience*<br>*EDU 4012 Urban Immersion Seminar: Austin Area Field Experience* | 3 hrs |

| Teacher Residency | | | 18 hrs |
|---|---|---|---|
| *NOTE: This micro-concentration requires application and agreement with partner district. Students are assigned to one fieldwork/clinical teaching placement for their entire senior year, with additional hours required.* | | | |
| EDU | 4601 | Clinical Experience for Yearlong Co-Teaching<br>(Fall – minimum of 210 fieldwork hours) | 6 hrs |
| EDU | 41200 | Clinical Teaching<br>(Spring – minimum of 490 fieldwork hours) | 12 hrs |

| Urban Education | | | 6 hrs |
|---|---|---|---|
| *NOTE: 50 hours of field experience in an urban classroom required (this also fulfills 50 of the required fieldwork hours in the program).* | | | |
| EDU | 2322 | Fundamental Language Concepts and Language Acquisition | 3 hrs |
| EDU | 4301 | Urban Immersion Seminar (with EDU 4010 Travel Field Experience) | 3 hrs |

| Christian Teacher Diploma |
|---|
| Please see the Special Programs section, under the School of Ministry, for course requirements. |

(†) *Satisfies 3-credits of Global/Cultural Coursework requirement.*

**Education Content Curriculum Program Outcomes**

In alignment with Texas Education Teacher Standards, Education Content Curriculum graduates will:

1. Design instruction appropriate for all students that reflects an understanding of relevant content and is based on continuous and appropriate assessment.
2. Create a classroom environment of respect and rapport that fosters a positive climate for learning, equity, and excellence.
3. Promote student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively engage students in the learning process, and timely, high-quality feedback.
4. Fulfill professional roles and responsibilities and adhere to legal and ethical requirements of the profession.

## Education Minor

| Education Minor | | | 20 hrs |
|---|---|---|---|
| *NOTE: This minor is offered in the following modalities: traditional only. This minor is recommended for students seeking to understand and develop competencies in the field of education, but not seeking teacher certification. <u>This minor does not lead to teacher certification in the State of Texas.</u> Students seeking certification should see the Director of the College of Education regarding programs that can lead to teacher certification.* | | | |
| EDU | 1201 | Introduction to Education | 2 hrs |
| EDU | 2310 | Introduction to Exceptional Learners | 3 hrs |
| EDU | 2343 | Education Psychology | 3 hrs |
| EDU | 2320 | Teaching Culturally and Linguistically Diverse Students | 3 hrs |
| EDU | 3311 | Teaching Strategies and Assessment | 3 hrs |

| | | | |
|---|---|---|---|
| EDU | 2323 | Educational Technology | 3 hrs |
| EDU | 3340 | Societal Relations and Classroom Management | 3 hrs |

# Graduate Programs

## M.Ed. - Master of Education

*Program Director: Dr. Lori Einfalt*
*CIP: 13.0101*

Concordia University Texas College of Education offers a Master's Degree in Education (MEd) with multiple areas of specialization. The goal of the program is to prepare leaders with the capacity to meet the challenges of today's world and to make meaningful contributions to their field. Graduate students will develop the professional skills and abilities needed to enhance any organization in which they serve. Candidates will grow in their ability to think critically, plan effectively, and lead purposefully in their area of specialization. Each graduate student will have a solid foundation in the practical utilization of theory, research, and real-world applications.

The M.Ed. degree plan has two components: an academic core and a specialization/concentration. The two core courses provide a scholarly foundation in action research and ethics and leadership. The remaining courses are dedicated to the specialization/concentration and are designed to prepare the candidate for his/her professional role in leadership. Content-specific courses will develop the necessary knowledge, skills, and dispositions to be successful in their field. Each specialization/concentration is delivered in a cohort model, either face-to-face or online. College of Education students should visit the College of Education handbook for further details regarding program requirements.

### *Coaching and Sports Administration*

*This concentration is offered in the following modalities: online only.*
The Master of Education in Coaching and Sports Administration focuses on practical knowledge in the academic discipline of coaching, athletics and sports administration. In addition to the core courses in ethics and leadership and action research, specialization courses offer law, finance, media, event management, facilities and a sport-specific practicum that provides valuable experience to develop professional expertise in coaching and sports administration. The practicum provides a supervised educational work experience in your specific area of professional interest that allows you to apply the theories of what you learned in a practical setting.

### *Educational Leadership*

*This concentration is offered in the following modalities: hybrid and online.*
The Educational Leadership specialization is designed for educators who are interested in pursuing campus-level leadership. This program prepares graduate students with the knowledge, skills, and mindsets that are required to lead public and private schools. As graduate students in Educational Leadership, candidates may choose to pursue Texas Certification for Principal as Instructional Leader, providing they successfully satisfy all entry criteria and benchmarks. **It is possible to earn the M.Ed. in Educational Leadership with or without principal certification.** Principal Certification Candidates must complete a 16-week practicum under the mentorship of a Texas-certified administrator at a local school or district administration office. During the practicum, each candidate will complete a minimum of 160 hours acting as a school administrator by completing activities that relate to the domains and competencies outlined in the Principal Standards found in TAC 241.15.

### *Emerging Technology and Innovation*

*This concentration is offered in the following modalities: online only.*

The specialization of emerging technology and innovation prepares students to become leaders in the digital world within any organization. Courses are focused on understanding the power of technological innovation and developing the skills to identify and leverage current and emerging technologies to amplify learning in both educational and business settings. Graduate students will also be equipped with the leadership skills necessary to implement innovative technologies that enhance learning and empower their organizations. Courses include artificial intelligence, virtual learning, data analytics, innovative design, and performance assessment. The curriculum interweaves the International Society for Technology in Education (ISTE) Standards throughout the program.

| Master of Education Major | | | 6 hrs |
|---|---|---|---|
| MED | 5305G/E | Educational Research | 3 hrs |
| MED | 5308G/E | Ethics and Leadership in Education | 3 hrs |

*Choose one concentration:*

| Coaching and Sports Administration | | | 24 hrs |
|---|---|---|---|
| SPAD | 5310 | Organizational Behavior in Sports | 3 hrs |
| SPAD | 5311 | Legal Aspects of Sports | 3 hrs |
| SPAD | 5301 | Critical Issues/Events in Sports | 3 hrs |
| SPAD | 5303 | Finance | 3 hrs |
| SPAD | 5304 | Facilities/Event Planning | 3 hrs |
| SPAD | 5305 | Media and Marketing | 3 hrs |
| SPAD | 5331 | Principles of Coaching | 3 hrs |
| SPAD | 5333 | Practicum in Coaching (Capstone) | 3 hrs |

| Educational Leadership – Principal Certification | | | 24 hrs |
|---|---|---|---|
| MED | 5303E | Curriculum Design and Practice | 3 hrs |
| MED | 5309E | Differentiated Instruction and Learning Theory | 3 hrs |
| EDAD | 5323 | Evaluation and Assessment in Education | 3 hrs |
| EDAD | 5352 | School Resource Leader | 3 hrs |
| EDAD | 5351 | Building School-Community Partnerships | 3 hrs |
| EDAD | 52xx | School Prof. Development & Continuing Ed. Leader | 2 hrs |
| EDAD | 5154 | Practicum I | 1 hr |
| EDAD | 53xx | Internship Practicum II | 3 hrs |
| EDAD | 53xx | Internship Practicum III | 3 hrs |

| Educational Leadership – Non-Certification | | | 24 hrs |
|---|---|---|---|
| MED | 5303E | Curriculum Design and Practice | 3 hrs |
| MED | 5309E | Differentiated Instruction and Learning Theory | 3 hrs |
| EDAD | 5323 | Evaluation and Assessment in Education | 3 hrs |
| EDAD | 5352 | School Resource Leader | 3 hrs |
| EDAD | 5351 | Building School-Community Partnerships | 3 hrs |
| EDAD | 52xx | School Prof. Development & Continuing Ed. Leader | 2 hrs |
| IL | 5313 | Developing Organizational Capacity | 3 hrs |
| IL | 5154 | Critical Issues in Leadership | 1 hr |
| IL | 5312 | Academic Coaching | 3 hrs |

| Emerging Technology and Innovation | | | 24 hrs |
|---|---|---|---|
| EDTC | 5315 | Foundations of Innovative Design | 3 hrs |
| EDTC | 5317 | Innovative Design and Delivery of Learning | 3 hrs |
| EDTC | 5319 | Virtual Reality and Immersive Learning | 3 hrs |
| EDTC | 5321 | Learning and Leadership with Data Analytics | 3 hrs |
| EDTC | 5323 | Assessing Performance with Technology | 3 hrs |
| EDTC | 5325 | Supporting Diverse Populations with Instructional Technology | 3 hrs |
| EDTC | 5314 | Foundations of Artificial Intelligence and Its Application | 3 hrs |
| EDTC | 5329 | Special Topics: Innovation and Engagement Technologies | 3 hrs |

**Master of Education Program Outcomes**

Built on the Christ-centered mission statement of the Concordia University System and Concordia University Texas, the mission of the Master of Education (MEd) program is to develop educational practitioners who exemplify leadership in:

1. Value-centered education
2. Effective management of educational change
3. Effective practices in teaching and learning
4. Sensitivity to diversity in learners, cultures, and educational systems

5. Practical applications of theory, research, and assessment in education

## Ed.D. – Doctor of Education

*Program Director: Dr. Stephanie Hartzell*
*CIP: 13.0401*

Concordia University Texas College of Education offers a Doctor of Education degree (EdD) with two areas of specialization: Educational Leadership (with Texas Superintendent Certification option for qualified candidates) and Curriculum and Instruction. The EdD is a 60-credit hour plan of study. The first 21 credit hours will be made up of core classes, common to both specialties. The remaining 39 credit hours will be taken in one of the two specialties. Students in both specialties will complete 160 clock hours of field-based practicum and four research-based courses that will culminate in at least 12 credit hours of proposal and dissertation or Cumulative Research-based Inquiry of Practice (CRIP) work as the final activity of the program.

*This program is offered in the following modalities: hybrid only.*

| Doctor of Education Major | | | 21 hrs |
|---|---|---|---|
| EDU | 6310 | Christian Values and Ethics | 3 hrs |
| EDU | 6311 | Research I: Academic Writing | 3 hrs |
| EDU | 6312 | Research II: Quantitative Research | 3 hrs |
| EDU | 6313 | Multicultural Experiences | 3 hrs |
| EDU | 6315 | Research III: Qualitative Research | 3 hrs |
| EDU | 6314 | Grant Writing | 3 hrs |
| EDU | 6341 | Digital Learning | 3 hrs |
| - | - | *Qualifying Exam (See Additional Requirements below)* | - |

*Choose one concentration:*

| Curriculum and Instruction | | | 39 hrs |
|---|---|---|---|
| CAI | 6352 | Supervision and Leadership | 3 hrs |
| CAI | 6321 | Strategies for Professional Development | 3 hrs |
| CAI | 6320 | Curriculum Theory | 3 hrs |
| CAI | 6324 | Assessment of Student Learning | 3 hrs |
| CAI | 6322 | Curriculum Design | 3 hrs |
| CAI | 6325 | Contemporary Issues | 3 hrs |
| CAI | 6351 | Program Evaluation | 3 hrs |
| CAI | 6323 | Research IV: Proposal | 3 hrs |
| CAI | 6335 | Practicum I | 3 hrs |
| CAI | 6336 | Practicum II | 3 hrs |
| *Complete a minimum of 9 credits in one of the following options (depending on a candidate's track):* | | | |
| EDU | 6380 | Research V: Dissertation | |
| EDU | 6383 | Research V: Cumulative Research-Based Inquiry of Practice | |

| Educational Leadership | | | 39 hrs |
|---|---|---|---|
| EDL | 6351 | Finance in Education | 3 hrs |
| EDL | 5320 | Program Analysis and Evaluation | 3 hrs |
| EDL | 6322 | Organization and Public Relations | 3 hrs |
| EDL | 6324 | Leadership and the District | 3 hrs |
| EDL | 6326 | Instructional Leadership | 3 hrs |
| EDL | 6325 | Advanced School Law | 3 hrs |
| EDL | 6352 | Conflict Resolution | 3 hrs |
| EDL | 6323 | Research IV: Proposal | 3 hrs |
| EDL | 6335 | Practicum I | 3 hrs |
| EDL | 6336 | Practicum II | 3 hrs |
| *Complete a minimum of 9 credits in one of the following options (depending on a candidate's track):* | | | |
| EDU | 6380 | Research V: Dissertation | |
| EDU | 6383 | Research V: Cumulative Research-Based Inquiry of Practice | |

### Additional Requirements and Policies

*Residency Requirement*

A residency requirement is part of the EdD program as a mechanism to foster collegial cooperation, cohort identity, and peer support throughout the doctoral program. As part of the residency requirement for this program students will be required to meet on campus for one week in July during their 1st and 2nd years in the program. Each face-to-face week will be part of an 8-week course during the second half of the Summer semester. The courses will each be one of the required courses listed above. Lodging will be available.

### *Qualifying Exam*

Upon completion of the courses required for the major, all students in the EdD program will be required to successfully complete the Qualifying Exam before being admitted to Candidacy in their area of specialty (e.g., their declared concentration). The purpose of the Qualifying Exam is for students to demonstrate their ability to:

- Master critical concepts from the Core Courses;
- Apply study skills to a range of topics broader than just one course;
- Be prepared for the in-depth study required in the area of specialty;
- Demonstrate writing skills commensurate with doctoral level requirements.
- Students will be expected to demonstrate mastery at the 70 percent level as scored by the appointed readers.

### *Advancement to Candidacy*

Students are advanced to Candidacy status when they successfully complete the core classes and pass the Qualifying Examination.

### *Practicum/Internship Meetings*

The third year of the program will consist of students working on and finalizing their dissertations/CRIPs and completing their Practicum. The purpose of the Practicum and the Internship is to expose students to a variety of settings that will serve them well in future job pursuits. Certain activities in support of program objectives will accompany these activities, and students will work with their supervisors to complete these tasks.

### *Dissertation/CRIP*

Dissertation/CRIP Chair assignment and approval should take place no later than the end of the first full semester of courses in the specialty area. The remainder of the Dissertation/CRIP Committee will be assigned before the start of the Dissertation or CRIP coursework. Dissertation/CRIP Committees will consist of three faculty members from CTX. Generally, at least two of the three members will be from the College of Education. Dissertation/CRIP Committees will be assigned by the Program Director. Any committee requests must be submitted, in writing, to the Program Director prior to the assignment of the committee. Any variation to the plan described above will require a Petition to the Program Director. A Petition will also be necessary in the event that a Dissertation/CRIP Committee member must be replaced. It will be up to the student and the Dissertation/CRIP Chair to work out a “calendar of events” that will lead to completion and defense of the dissertation and to establish protocols for meetings, contacts, etc. The Chair will be the main point of contact for all things dissertation/CRIP-related throughout the program, including serving as liaison between the student and the IRB Committee (See IRB Committee below).

Within the EDU/CAI 6323 Research IV: The Proposal course, students should obtain the CTX Dissertation Guide or CTX CRIP Guide which details the format for all dissertations/CRIPs. The CTX Dissertation Guide and CTX CRIP Guide will each direct students to follow the American Psychological Association’s (APA) (2020) Publication Manual of the American Psychological Association (7th ed.). Additional information on the APA Publication Manual, Including tutorials can be found on the APA website at www.apastyle.org/learn/. The guides will further discuss details such as paper, page format, margins, pagination, submission requirements, and required forms.

### *Dissertation/CRIP Fee*

A fee of $600 per dissertation/CRIP course is charged.

## *Dissertation/CRIP Proposal*

At the end of Year Two of the program, students will take Research IV –The Proposal. The expectations of Research IV are as follows:

- That the student will receive approval from the instructor on the dissertation/CRIP topic;
- That the instructor will submit the topic with any comments to the Program Director, who, in turn, will sign off on the topic selected;
- That the student will decide whether they will be continuing with the Dissertation or CRIP track.
- That the student will complete during the course at a minimum a draft of the first three chapters of the dissertation/CRIP.

## *IRB Committee*

The purpose of the Institutional Review Board (IRB) is to ensure that proper protocols are followed in the use of human subjects for research. IRB approval must be secured before data gathering for a dissertation/CRIP begins. This will normally take place around the time the students complete their dissertation/CRIP proposal. Students should consult with their Dissertation/CRIP Chair, who can guide them through the IRB application and review process. CTX IRB – related policies can be found on the CTX website. Approval from IRBs or Research offices external to CTX may be required before collecting data.

## *Dissertation/CRIP and Defense*

The culminating activity of this program will be the completion of the dissertation or CRIP and its defense. These activities are described in great detail in the CTX Dissertation Guide or CTX CRIP Guide.

## *Program Continuance Beyond Third Year*

Students are expected to complete all degree requirements within three years. Students' progress is normally marked as passing the Qualifying Examination at the end of the first year, completing a draft of the Dissertation/CRIP Proposal at the end of regular coursework and successfully defending the Dissertation/CRIP at the end of the third year. Students who are in good standing will be authorized to continue beyond the third year as follows:

- Beginning of Year 4 – Authorization will be made by the Ed.D. Program Chair
- Beginning of Year 5 – Authorization will be made by the Senior Director of the College of Education
- Beginning of Year 6 – Authorization will be made by the Senior Director of College of Education.
- *Students requiring extensions to the fifth year and beyond must meet all policy requirements of the University including validation of old coursework.*

**Doctor of Education Program Outcomes**

Upon successful completion of the Doctor of Education (EdD) degree program, students will be able to:

1. Serve as a model for ethical, moral, and Christian behavior and exhibit the skills associated with the servant leader, especially the skill of facilitating a campus and/or district vision
2. Demonstrate a comprehensive knowledge of educational environment, organization, programs, and assessment, paying particular attention to the importance of culture, diversity, and family involvement
3. Facilitate change and foster ownership on the part of those most impacted by change while consistently promoting strategies of instruction that are supported by best practice
4. Present evidence of extensive scholarly inquiry through the collection and use of data to make program changes and the completion of a dissertation which will serve as the capstone activity of the program
5. Demonstrate a problem-solving strategy that supports the interests of the district and adheres to all applicable local, state, and federal laws.

# College of Health Sciences

*Dr. Amber Shammas, Sr. Director*

## Mission and Overview

Concordia University Texas College of Health Sciences honors the whole person by providing for the advancement of knowledge and the ethical practice of the healing arts and sciences. We value our students' professional growth and enrich their academic experiences through innovative learning opportunities which promote cultural diversity, social justice, and community outreach. Our graduates are change agents who positively impact the health of individuals, families, communities, and populations in Texas and beyond.

*Our Vision*

We develop professionals of all backgrounds for careers of service and leadership through Christ-Centered, meaningful work in the whole health system and wherever health professionals of all types are needed locally and abroad.

*Our Core Values*

- Excellence and Rigor
- Empathy and Integrity
- Interdisciplinary Experiences
- Interprofessional Collaboration
- Accessible Innovations
- Professions in Health Sciences include a wide range of disciplines each of which contributes directly and indirectly to the delivery of quality healthcare services and systems improvement. Students enrolled in programs within the College, incorporate both the arts and the sciences as well as integrate theory with practice.

# Abridged Bachelor's Programs

## ABS - Fitness and Technology

*Program Coordinator: Katina Duffey*
*CIP: 31.0505*

The Abridged Bachelor of Science in Fitness and Technology is a reduced-credit undergraduate degree program which serves working adults, career-changers, and fitness professionals who seek an accelerated, applied pathway into the kinesiology workforce. The program is designed to function both as a complete, standalone credential and as an on-ramp to further degree opportunities at CTX.

Courses which satisfy the general education requirements of Abridged Bachelor's degrees are denoted by (**G)** in the title.

*This major and its concentrations are offered in the following modalities:*

| Fitness and Technology Program | | | 90 hrs |
|---|---|---|---|
| LDR | 1100T | Life and Leadership-Transfer **(G)** | 1 hr |
| COM | 1300 | Fundamentals of Communication **(G)** | 3 hrs |
| KIN | 1301 | Personal Wellness **(G)** | 3 hrs |
| KIN | 1302 | First Aid and Safety | 3 hrs |
| POLS | 1303 | American Government and Citizenship **(G)** | 3 hrs |
| PSY | 1311 | Introduction to Psychology **(G)** | 3 hrs |

| | | | |
|---|---|---|---|
| ENG | 1316 | Academic Research & Writing **(G)** | 3 hrs |
| MTH | 1351 | College Algebra **(G)** | 3 hrs |
| CHE | 1431/L | General Chemistry for Healthcare Professionals and Lab | 4 hrs |
| LDR | 2201 | Leadership Theory **(G)** | 2 hrs |
| LDR | 4101C | Leadership Career & Capstone **(G)** | 1 hr |
| KIN | 2301 | Personal and Community Health | 3 hrs |
| KIN | 2303 | Theory and Application of Physical Fitness | 3 hrs |
| KIN | 2330 | Prevention and Treatment of Movement Injuries | 3 hrs |
| BIO | 3411/L | Anatomy & Physiology I and Lab | 4 hrs |
| KIN | 33xx | Fitness Business and Entrepreneurship | 3 hrs |
| KIN | 33xx | Small Group Training and Corporate Wellness Delivery | 3 hrs |
| KIN | 33xx | Digital Fitness and Wellness Technologies | 3 hrs |
| KIN | 3311 | Muscoskeletal Anatomy & Biomechanics | 3 hrs |
| KIN | 3313 | Motor Development and Learning | 3 hrs |
| KIN | 3315 | Organization and Administration of Physical Education and Sport | 3 hrs |
| KIN/PSY | 3334 | Exercise and Sports Psychology | 3 hrs |
| KIN | 3336 | NASM Fitness Lifespan | 3 hrs |
| KIN | 3337 | Applied Nutrition Coaching | 3 hrs |
| KIN | 4310 | Kinesiology Internship (Capstone) **(G)** | 3 hrs |
| KIN/BIO | 4330 | Exercise Physiology | 3 hrs |
| REL | - | Any upper-level REL course **(G)** | 3 hrs |
| Fine Arts | - | 3-credits in any ART, MUS, FA, or THEA course(s) **(G)** | 3 hrs |
| *Complete one course from the following:* | | | |
| HIS | 1301 | US History to 1877 **(G)** | 3 hrs |
| HIS | 1302 | US History from 1877 **(G)** | 3 hrs |
| HIS | 2311 | World History to 1500 **(G)** | 3 hrs |
| HIS | 2312 | World History from 1500 **(G)** | 3 hrs |
| *Complete one course from the following:* | | | |
| ENG | 1317 | Introduction to Literature **(G)** | 3 hrs |
| ENG | 3312 | Business and Technical Writing **(G)** | 3 hrs |
| *Complete one course from the following:* | | | |
| REL | 1301 | New Testament History and Readings **(G)** | 3 hrs |
| REL | 1311 | Old Testament History and Readings **(G)** | 3 hrs |

**Abridged Bachelor's of Fitness and Technology Program Outcomes**

1. Students will know the methods of collecting and analyzing data in the psychomotor domain and will be familiar with several types of assessment tools, psychometric instruments, and fitness technology platforms.
2. Students will understand how the body adapts to specific exercise demands and how advances in technology can be used to monitor, evaluate, and improve human performance and wellness outcomes.
3. Students will know the roles of muscles (agonists, antagonists, synergists, stabilizers) involved in a variety of sport-related movements or activities of daily living and how movement analysis technology can support performance and injury prevention.
4. Each student will complete a variety of laboratory and applied learning activities that consider all domains of wellness while incorporating current fitness technologies and industry practices.
5. Each student will use a variety of tests and technological assessment tools to evaluate different aspects of fitness, including muscular strength, flexibility, cardiovascular endurance, body composition, and muscular endurance.
6. Students will demonstrate an understanding of professional and ethical business practices within the fitness, wellness, and performance industries, including client relations, program management, communication, and entrepreneurship.
7. Students will examine current trends, innovations, and advances in fitness and health technology, including wearable devices, performance tracking systems, virtual coaching platforms, and data-driven wellness applications.

# Bachelor's Programs

## BS - Kinesiology

*Program Coordinator: Katina Duffey*
*CIP: 31.0501*

Kinesiology is the study of human movement. The mission of the Kinesiology major is to prepare students who understand the physiological and anatomical underpinnings of human movement, and who will be able to design wellness/fitness programs and manage/administer sports related activities. Required coursework will develop a firm foundation for careers in coaching, physical rehabilitation, or fitness and sport management.

*This major and its concentrations are offered in the following modalities: traditional and fully online.*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Kinesiology Major | | | 48 hrs |
|---|---|---|---|
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| MTH | 1351 | College Algebra | 3 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| CHE | 1341 | Chemistry I | 3 hrs |
| CHE | 1141 | Chemistry I Lab | 1 hr |
| REL | - | Complete any upper-level REL course | 3 hrs |
| KIN | 1302 | First Aid and Safety | 3 hrs |
| KIN | 2301 | Personal and Community Health | 3 hrs |
| KIN | 2303 | Theory and Application of Physical Fitness | 3 hrs |
| KIN | 2330 | Prevention and Treatment of Movement Injuries | 3 hrs |
| KIN | 3311 | Muscoskeletal Anatomy & Biomechanics | 3 hrs |
| KIN | 3313 | Motor Development and Learning | 3 hrs |
| KIN/BIO | 4330 | Exercise Physiology | 3 hrs |
| KIN | 3337 | Applied Nutrition Coaching | 3 hrs |
| KIN | 4310 | Kinesiology Internship (Capstone) | 3 hrs |
| *Complete one course from the following:* | | | |
| BIO | 1403 | Cellular and Molecular Biology | 3 hrs |
| BIO | 3401 | General Microbiology | 3 hrs |

*Choose one concentration:*

| Fitness Professional Concentration | | | 21 hrs |
|---|---|---|---|
| KIN | 2302 | Introduction to Physical Education | 3 hrs |
| KIN | 3315 | Organization and Admin of Phys. Ed. & Sport | 3 hrs |
| KIN/PSY | 3334 | Exercise and Sports Psychology | 3 hrs |
| KIN | 3331 | Coaching Team Sports | 3 hrs |
| KIN | 3332 | Coaching Individual Sports | 3 hrs |
| KIN/EDU | 3333/3331 | Methods of Teaching Physical Education | 3 hrs |
| KIN | 3336 | NASM Fitness Lifespan YES/SFS | 3 hrs |

| Pre-Health Concentration | | | 25 hrs |
|---|---|---|---|
| BIO | 3412 | Anatomy & Physiology II | 4 hrs |
| CHE | 1342 | Chemistry II | 3 hrs |
| CHE | 1142 | Chemistry II Lab | 1 hr |
| MTH | 1332 | Applied Calculus | 3 hrs |
| PHY | 1401 | Physics I | 4 hrs |
| PHY | 1402 | Physics II | 4 hrs |
| PSY | 2301 | Lifespan Development | 3 hrs |
| *Complete one course from the following:* | | | |
| PSY | 3341 | Psychopathology | 3 hrs |
| KIN/PSY | 3334 | Exercise & Sports Psychology | 3 hrs |

| Sports Administration Concentration | | | 27 hrs |
|---|---|---|---|
| KIN | 3315 | Organization and Administration of Phys. Ed. & Sport | 3 hrs |
| KIN/PSY | 3334 | Exercise and Sports Psychology | 3 hrs |
| KIN | 3340 | Legal and Ethical Aspects of Sports Administration | 3 hrs |
| KIN | 3345 | Sport Communications | 3 hrs |
| KIN | 3336 | NASM Fitness Lifespan YES/SFS | 3 hrs |
| *Complete four courses from the following:* | | | |
| KIN | 3331 | Coaching Team Sports | 3 hrs |
| BADM | 3310 | Leadership in Business | 3 hrs |
| BADM | 3311 | Principles of Management | 3 hrs |
| BADM | 3350 | Principles of Marketing | 3 hrs |
| BADM | 3372 | Digital and Social Media Marketing | 3 hrs |
| BADM | 4312 | Strategic Management | 3 hrs |

**Kinesiology Program Outcomes**

1. Students will know the methods of collecting data in the psychomotor domain and will be familiar with several types of psychometric instruments.
2. Students will understand how the body adapts to specific exercise demands.
3. Students will know the roles of muscles (agonists, antagonists, synergists, stabilizers) involved in a variety of sport-related movements or activities of daily living.
4. Each student will complete a variety of laboratory activities that consider all domains of "wellness".
5. Each student will use a variety of tests to assess different aspects of fitness, including muscular strength, flexibility, cardiovascular endurance, and muscular endurance.

## BSN - Nursing

*Program Director: Tonya Ward*
*CIP: 51.3801*

The Professional Nursing Sequence (NUR courses) will consist of nursing lecture, simulation and skills labs, and clinical courses that provide students the knowledge, skills, and attitude necessary to become competent and compassionate professional nurses and are only available to students admitted to the professional nursing sequence. Nursing students should visit the Nursing Student Handbook for further details regarding program requirements.

*This program is offered in the following modalities: traditional and hybrid (Accelerated BSN).*

| Concordia Common Experience/General Education | | | 43-45 hrs |
|---|---|---|---|

| Supporting Coursework (Pre-Nursing) | | | 37 hrs |
|---|---|---|---|
| BIO | 3310 | Nutrition | 3 hrs |
| BIO | 3401 | General Microbiology | 4 hrs |
| BIO | 3411 | Anatomy & Physiology I | 4 hrs |
| BIO | 3412 | Anatomy & Physiology II | 4 hrs |
| CHE | 1341 and 1141, *or* 1431 | Chemistry I and Chemistry I Lab, *or* CHE 1431 Chemistry for Health Professionals | 4 hrs |
| MTH | 2301 | Introduction to Statistics | 3 hrs |
| PSY | 1311 | Introduction to Psychology | 3 hrs |
| PSY | 2301 | Lifespan Development | 3 hrs |
| REL | 1450 | New Testament for Healthcare Workers | 4.5 hrs |
| REL | 1451 | Old Testament for Healthcare Workers | 4.5 hrs |

***NOTE:*** In addition to the Pre-Nursing Supporting Coursework requirements listed above, the following are required prior to enrollment in the Professional Nursing Sequence (Nursing Major):

- A minimum cumulative GPA of 3.0 is required to be considered eligible for admission to the Bachelor of Science in Nursing (BSN) Professional Sequence, which may require manual calculation if the student has transfer coursework.
- Application may be made to the Bachelor of Science in Nursing (BSN) Professional Sequence when all preliminary requirements have been met, including but not limited to, the Pre-Nursing Supporting Coursework.

| Nursing Major (BSN) | | | 61-62 hrs |
|---|---|---|---|
| *J1 Courses (16 hrs)* | | | |
| NUR | 3435 | Adult Health Nursing I Theory | 4 hrs |
| NUR | 3325 | Nursing Skills I | 3 hrs |
| NUR | 3336 | Adult Health Nursing I Practicum | 3 hrs |
| NUR | 3336S | Adult Health Nursing I Practicum Simulation | - |
| NUR | 3430 | Foundations of Professional Nursing | 4 hrs |
| NUR | 3250 | Pharmacology for Nurses I | 2 hrs |
| *J2 Courses (15 hrs)* | | | |
| NUR | 3365 | Adult Health Nursing II Theory | 3 hrs |
| NUR | 3366 | Nursing Skills II | 3 hrs |
| NUR | 3386 | Adult Health Nursing II Practicum | 3 hrs |
| NUR | 3386S | Adult Health Nursing II Practicum Simulation | - |
| NUR | 3251 | Pharmacology for Nurses II | 2 hrs |

| | | | |
|---|---|---|---|
| NUR | 3320 | Maternal/Newborn Theory | 3 hrs |
| NUR | 3126 | Maternal/Newborn Practicum | 1 hr |
| NUR | 3126S | Maternal/Newborn Practicum Simulation | - |
| *S1 Courses (17 hrs)* | | | |
| NUR | 4332 | Child and Family Theory | 3 hrs |
| NUR | 4132 | Child and Family Nursing Practicum | 1 hr |
| NUR | 4132S | Child and Family Nursing Practicum Simulation | - |
| NUR | 4385 | Adult Health Nursing III Theory | 3 hrs |
| NUR | 4386 | Adult Health Nursing III Practicum | 3 hrs |
| NUR | 4386S | Adult Health Nursing III Practicum Simulation | - |
| NUR | 4357 | Nursing Leadership and Management | 3 hrs |
| NUR | 4310 | Nursing Research | 3 hrs |
| LDR | 4101C | Leadership Career & Capstone | 1 hr |
| *S2 Courses (14 hrs)* | | | |
| NUR | 4360 | Community and Global Health Theory | 3 hrs |
| NUR | 4160 | Community and Global Health Practicum and Simulation | 1 hr |
| NUR | 4370 | Capstone Simulation and Practicum (Capstone) | 3 hrs |
| NUR | 4295 | NCLEX Preparation and Review | 2 hrs |
| NUR | 4389 | Adult Health Nursing IV Theory | 3 hrs |
| NUR | 4280 | Transition to Nursing Practice | 2 hrs |

**Nursing (BSN) Program Outcomes**

Nursing Program outcomes are grouped according to the four professional nursing roles developed by the Texas Board of Nursing (2021).

1. As a Member of the Profession of Nursing, the BSN-graduate will:
   - Function within the nurse's legal scope of practice and in accordance with the policies and procedures of the health care institution or practice setting.
   - Assume responsibility, accountability and utilize clinical judgment to deliver quality nursing care to clients, families, populations, and communities.
   - Promote the practice of professional nursing through leadership activities, evidenced based practice, advocacy, influencing healthcare policy, formation, and participation in the legislative process.
   - Demonstrate responsibility for continued competence and scholarship in nursing practice, by developing insight through reflection, self-analysis, self-care, resilience, and lifelong learning.

2. As a Provider of Client-Centered Care, the BSN-graduate will:
   - Use clinical judgment and knowledge based on the baccalaureate degree nursing program of study, evidence-based practice outcomes, and research studies as the basis for decision making and comprehensive client care.
   - Assess the physical and mental health status, needs, and preferences of culturally, ethnically, and socially diverse clients, families, populations, and communities based upon interpretation of comprehensive health assessment findings compared with evidence-based health data and a synthesis of knowledge derived from a baccalaureate degree nursing program of study.
   - Synthesize comprehensive assessment data to identify problems, formulate goals/ outcomes, and develop plans of care for clients, families, populations, and communities using information from evidence-based practice and research in collaboration with members of the interdisciplinary health care team.
   - Provide safe, compassionate, comprehensive nursing care to clients, families, populations, and communities through a broad array of health care services.
   - Implement the plan of care for clients, families, populations, and communities within legal, ethical, and regulatory parameters and in consideration of disease prevention, wellness, and promotion of healthy lifestyles.
   - Evaluate and report client, family, population, and community outcomes and responses to therapeutic interventions in comparison to benchmarks from evidence-based practice and research findings, and plan follow-up nursing care.
   - Develop, implement, and evaluate teaching plans for clients, families, populations, and communities to address health promotion, maintenance, restoration, and population risk reduction.
   - Coordinate human, information, and materiel management resources in providing care for clients, families, populations, and communities.
   - Demonstrate knowledge of nursing care that addresses determinants of health, health disparities and health equity for all diverse clients, families, populations, and communities to improve health outcomes.

3. As a Client Safety Advocate, the BSN-graduate will:
    - Demonstrate knowledge of the Texas Nursing Practice Act and the Texas Board of Nursing Rules that emphasize safety, as well as all federal, state, and local government and accreditation organization safety requirements and standards.
    - Implement measures to promote quality and a safe environment for clients, self and others, and just culture.
    - Formulate goals and outcomes using an evidence-based and theoretical analysis of available data to reduce client and community risks.
    - Obtain instruction, supervision, or training as needed when implementing nursing procedures or practices.
    - Comply with mandatory reporting requirements of the Texas Nursing Practice Act.
    - Accept and make assignments and delegate tasks that take into consideration client safety and organizational policy.
4. As a Member of the Health Care Team, the BSN-graduate will:
    - Coordinate, collaborate, and communicate with diverse clients, families, populations, communities, and the interdisciplinary health care team to plan care, deliver care, evaluate care and address healthcare equity.
    - Serve as a health care advocate in monitoring and promoting quality, equity and access to health care for clients, families, populations, and communities.
    - Use multiple referral resources for clients, families, populations, and communities, considering cost, confidentiality, effectiveness and efficiency of care, continuity and continuum of care, and health promotion, maintenance, and restoration.
    - Communicate and collaborate in a timely manner with members of the interdisciplinary health care team to promote and maintain optimal health status of clients, families, populations, and communities.
    - Communicate and manage information using technology and informatics to support decision making to improve client care and delivery systems.
    - Assign and/or delegate nursing care to other members of the health care team based upon an analysis of client or organizational needs.
    - Supervise nursing care provided by others for whom the nurse is responsible by using best practices in management, leadership, and evaluation.

# Academic Information and Regulations

## Academic Integrity

Academic integrity is a core student responsibility encompassing both the individual pursuit of knowledge in an honest manner and accountability for one's actions in achieving academic objectives. Students are expected to act ethically and to avoid behaviors that impair the effective assessment of learning in all academic endeavors. This includes, without limitation, all course work, examinations, assignments, or any activity that may affect a grade or in any way contribute toward the satisfaction of requirements for course completion, program completion or graduation.

Any acts or attempted acts of alleged academic dishonesty, whether occurring in a course on the graduate or undergraduate level, are violations of academic integrity and must be reported to the office of the Provost through the submission of an Early Alert form; such violations will incur sanctions. Repeated violations will incur more severe sanctions than those faced by first offenders. Thus, to discourage repeated offenses, records will be maintained in the Office of Student Registration & Records documenting all acts or attempted acts of alleged academic dishonesty.

For a complete description of Concordia University's Academic Integrity policy, including descriptions of academic integrity violations, process, and the appeal process, please see the Student Policies and Processes page on the Concordia website.

## Attendance

The resources of Concordia University Texas are provided for the intellectual growth and development of its students. Concordia expects each student to take full responsibility for their academic work and progress. Attendance in scheduled class meetings and active participation in all course activities are an integral part of the learning experience for the individual's sake and for the sake of the entire learning group. Each class meeting has its own purpose and provides a unique opportunity for learning.

Every student is expected to engage in all regularly scheduled class activities and presentations and to complete all assignments. While the University recognizes that the learning mission can be enhanced significantly by extracurricular experiences, students are responsible for all required coursework and bear full responsibility for any academic consequences that may result due to class opportunities missed in favor of such absences.

It is also recognized that occasionally it may be necessary for a student to be absent from a scheduled course for reasons beyond his/her control (e.g. illness, bereavement, etc.). The University expects each student to make up all class-related work missed as a result of an unavoidable absence; how such work is made up is left to the discretion of the instructor. Students receiving any form of financial assistance (including VA benefits) must maintain regular attendance to be eligible for assistance.

Attendance is marked one time at the start of each course to establish enrollment. Students are required to attend face-to-face classes, or log in and participate by completing an assignment, at least once by the first Friday of eight-week courses and the second Friday of 16-week courses. To establish attendance in a fully online asynchronous course, students must log on to Blackboard and complete at least one assignment in the first week of the course. Students who do not attend as stated above will be administratively dropped from that course. After establishing attendance, students will not be administratively withdrawn for non-attendance.

# Student Classification

*Standard Classifications*

- **Freshman** – Students who have successfully completed fewer than 30 credit hours
- **Sophomore** – Students who have successfully completed 30 - 59 credit hours
- **Junior** – Students who have successfully completed 60 - 89 credit hours
- **Senior** – Students who have successfully completed 90+ credit hours, or who have been awarded a baccalaureate degree and who plan to obtain another degree at Concordia
- **Post-Baccalaureate** – Students who have received a Bachelor degree, but wish to pursue further study
- **Graduate** – Students who have received a Bachelor degree and are pursuing a Master's Degree
- **Post-Graduate** – Students who have received a Master Degree or higher and want to pursue further study
- **Doctoral** – Students who are pursuing a doctoral degree

*Other Classifications*

- **Special/Post-Baccalaureate** – Students who hold a baccalaureate degree from any regionally accredited institution who are pursuing another major or program, but do not plan to obtain a second baccalaureate degree.
- **Degree Seeking** – Students, full or part-time, in pursuit of an associate, baccalaureate, or master's degree; students wishing to take coursework for the purpose of applying for credit in another institution fall under this classification.
- **Non-Degree Seeking** – Students who wish to take coursework for purposes of personal enrichment or employment promotion opportunities. See the paragraph on Admission under Non-Degree Seeking Students.
- **Community Learner** – The Community Learning program is designed to allow the community to take part in courses for personal enrichment. A community learner is not considered a student and does not receive any credit for the course. To participate in the Community Learner program, an individual must file an application with the Office of Academic Operations as well as secure permission of the instructor prior to enrolling in the course. Participation in the Community Learner program requires a per course fee due at the time of enrollment along with any associated special fees if applicable (see Tuition and Fees). Community Learner participants may not register for music lessons, internships, travel courses, practicum courses, or courses that are full and/or closed.

# Census

The Census Date for each long semester (fall and spring) is published in the Academic Calendar. As of that date all class schedules are official, a matter of permanent record, and will appear on a student's transcript.

- Courses dropped before the Census Date will not appear on the student's transcript.
- Courses dropped after the Census Date and before the Withdrawal deadline will be recorded on the student's transcript with the grade of "W".
- Certification of attendance for insurance purposes will be done as of Census Date for that semester.

# Dean's List

Full-time (enrolled in 12 or more GPA hours), degree-seeking, undergraduate students whose Concordia term grade point average is 3.50 or higher are placed on the Dean's List for that term. This academic status is recorded on the student's official transcript. The Office of the Dean of Teaching and Learning will notify students of this honor.

# Enrollment Definitions

- **Undergraduate Full Time** – An undergraduate student is considered to be full time if the student is registered for twelve (12) academic hours per term (term equals 16 weeks).
- **Undergraduate Part Time** – A student is considered to be enrolled part-time if registered in fewer than twelve (12) academic hours per term.

- **Graduate Full Time** – A graduate student is considered to be full time if the student is registered for six (6) academic hours per term.
- **Graduate Part Time** – A student is considered to be enrolled part-time if registered in fewer than six (6) academic hours per term.

*Concurrent Enrollment*

Current Concordia students may take correspondence or online courses and/or courses in residence at one of the neighboring institutions. A Transfer Course Approval Form should be completed prior to enrollment. The AVP of Information Systems & Compliance's approval of the form indicates to the student that credit from the course taken will be accepted by Concordia. Current students who complete coursework at other institutions must provide the Office of Academic Operations with transcripts from these institutions immediately after completion of the course(s). Courses in which a grade of A, B, or C has been earned will transfer for credit only and will not be included in the Concordia grade point average.

***NOTE***: For prior-approved transfer credit taken during the term of anticipated graduation to be counted toward degree completion and graduation, all transcripts must be received in the Office of Academic Operations prior to the end of that term. Failure to submit transcripts prior to the end of Concordia University Texas' term may result in delayed graduation.

# Final Examinations

Final assessment of the work of the entire traditional semester or part of term is given at the end of each semester or part of term. During the last week of each sixteen-week semester, time is set aside for final assessments which are to be given during this designated time. Not all courses will require an in-person final examination or assessment. The Office of Academic Operations will publish a final exam schedule for sixteen (16) week traditional undergraduate courses and make it available to all faculty members. All final exams are to be given during the scheduled times and dates. Graduate program final assessments are administered on the last class day of the course.

In the event of a scheduling conflict between two final exams (scheduled on the same day and at the same time), students should work with their instructors to arrange an alternative time and place to complete the final exams within the last week of the sixteen-week semester.

All final exams are to be given during the scheduled times and dates.

# Grades and Appeals

Final grades and updated GPAs are posted within seven (7) business days after the official last day of the session and/or term (excluding students registered within OCICU/College Consortium courses, as other institutions may take longer to process and release final grades). Calculation of term and cumulative grade point averages is completed after all grades are submitted and are posted at the end of every term. End-of-term grades are visible by selecting the Final Grades option in MyInfo. If a student has an academic or financial hold on their account, final grades may not be visible until the hold is resolved.

## Grading System

Concordia uses the following grades which are counted in the GPA. Percentage/point ranges for these grades are determined by the faculty and communicated in the syllabus for each course. Please note that due to accreditation and/or programmatic requirements, some programs may utilize grading scales which prohibit the awarding of a letter grade below 'C.' Graduate and doctoral programs do not award grade of 'D' under any circumstance.

| | | |
|---|---|---|
| **A** | Excellent | 4 quality points |
| **B** | Above Average | 3 quality points |
| **C** | Average | 2 quality points |
| **D** | Below Average | 1 quality point |
| **F** | Failure | 0 quality points |

Concordia also uses the following grade designations which are *not* figured into the GPA.

| | |
|---|---|
| **CE** | Credit by Examination |
| **CR** | Credit |
| **NC** | No Credit |
| **P** | Pass (for Pass/No-Pass courses) |
| **NP** | No Pass (for Pass/No-Pass courses) |
| **E** | In-Progress |
| **I** | Incomplete |
| **W** | Withdrawal |

Designations of I, CE, CR, NC, P, NP, and W are not used in computing a student's cumulative grade point average. However, the hours may count toward attempted hours as stated in Concordia's Academic Standing Progression policy.

## Grade Changes

Requests for grade changes are to be made to the instructor of the course in which the grade was received by submitting the *Grade Change Request Form*. Grade changes are normally limited to miscalculations by faculty when computing the final grade, errors in recording grades, or delays by faculty in locating misplaced assignments. All grade changes should be the result of miscalculation of the final grade by the faculty assigned to the course in question and submitted on a *Grade Change Request Form*.

Until the end of the term, the only signature required is that of the instructor. Once the term has ended, *Grade Change Request Forms* must be submitted with all required signatures. A grade change request may not be initiated after midterm of the following term. Forms received in the Office of Academic Operations after the deadline will, in most cases, not be accepted.

## Incompletes

An "Incomplete" is not a grade but a temporary place-holder (designated by an indicator of "I" in place of a grade) to allow a student additional time to complete specific course requirements due to documented circumstances clearly beyond the student's control. Under no circumstances will the "I" indicator be assigned as a means of avoiding or postponing a low course grade.

In order for an instructor to accept a student request for an "Incomplete," an *Incomplete Request Form* must be submitted by the student to the instructor of the course in which student is requesting an "Incomplete." The completed form will then be reviewed by the instructor, the Program Coordinator, and finally the Office of Academic Operations, at which point the AVP of Information Systems & Compliance (or their representative) will either approve or deny the request.

By signing the *Incomplete Request Form*, the instructor and the student agree that all of the following conditions exist:

- Specific course requirements cannot be completed due to documented circumstances clearly beyond the student's control
- The student is currently passing the course (e.g., qualitative level of submitted work to date is considered passing, as determined by the instructor)

- The student has no more than 40% of remaining coursework requirements to complete (e.g., quantitative level of remaining work cannot exceed half of the course requirements and objectives, as determined by the instructor).

***NOTE***: All conditions listed above must be met in order for the request to be considered for approval. Requests that do not clearly meet both requirements may be denied by the Office of Academic Operations.

The *Incomplete Request Form* requires that both parties state:

- The reason for requesting the Incomplete (student)
- The specific work required to complete the course and the grade to be assigned if the work is not completed by the agreed upon date (instructor)

The deadline to submit *Incomplete Request Form* is the second to last Friday of the session or semester, as applicable, in which the Incomplete is being requested. In certain circumstances where an Incomplete is warranted and the student is temporarily unable to submit the form themselves, an Academic Planner or the Director of the Academic Success may coordinate with the instructor to facilitate an *Incomplete Request Form* on behalf of the student.

The student assumes the primary responsibility for completing the course within the initial or extended time limit and under the criteria established by the instructor. The “I” designation is entered into the student information system by the Office of Academic Operations once the *Incomplete Request Form* is completed and approved. The "I" will be changed to the agreed upon grade if the specified deadline is not met or notice is sent to the Office of Academic Operations of the completion of the work as indicated by a final grade. Students who have an outstanding Incomplete on their transcript will not be able to participate in commencement or graduate.

Completed and signed forms are due in the Office of Academic Operations by the second to last Friday of the session or semester, as applicable, in which the Incomplete is being requested. Resolution of the Incomplete must be finished by the end of the following term (Summer terms included); whether or not the student is enrolled during the following term has no bearing on this date. A student may request a maximum of one (1) extension; total time of Incomplete, with an extension, may not exceed one (1) calendar year. Incompletes must be processed in time to allow for the submission of the Incomplete Request Form to the Office of Academic Operations along with the final grade roster of the class. Failure to fulfill all requirements of an “Incomplete” where no agreed upon grade was specified will result in a grade of “F” or equivalent non-passing grade as determined by the course grading scale.

***NOTE***: Students who request and receive an Incomplete for a course taken during their final term of study have ten (10) business days following the official end of the term to successfully fulfill the Incomplete requirements. If this requirement is not met on or before the deadline, the student would then be considered as a candidate to graduate in a later term. Students who enter their final term of study with an unresolved Incomplete on their transcript will not be allowed to participate in commencement or graduate until the Incomplete(s) have been satisfactorily resolved.

## Academic Grievance

Concordia University Texas is committed to respecting all members of our community and providing a quality educational experience for all students. To that end, Concordia University Texas has established this complaint policy and procedure to provide students with a process for addressing complaints or grievances regarding any aspect of their educational experience. Students are encouraged to resolve complaints or grievances at the appropriate level of dispute. However, should this approach fail or be inappropriate, students may submit a formal complaint to the Chief of Staff, or their designee, describing the treatment, action or decision at issue and the remedy sought.

To file a formal complaint, students should utilize the following link, Incident Reporting Form, and provide the following information:

- Student name
- Telephone and email contact information
- Provide the details regarding your complaint.
- What evidence supports the complaint? How may this be verified?
- Describe what harm has resulted.
- What steps have already been taken to resolve this issue? Who has been consulted?
- What is the remedy or solution you seek for this complaint?

The Vice President of Academics, or their designee, will determine who the appropriate investigator for any student complaints should be and/or refer the student to the appropriate office for resolution.

- The complaining party will be interviewed by the appropriate investigator.
- The investigation may include contact with other parties involved.
- If appropriate, efforts may be taken to resolve a conflict by bringing parties together for discussion.
- If the subject of the complaint involves a student's employment as a student worker with the University or other individuals who are either student workers and/or Concordia employees, those supervisors and/or Concordia employees who are related to the subject of the complaint may be contacted.
- Written decisions will be sent to all parties involved.
- Written appeals may be submitted to the Chief of Staff within five days of the original decision. The Chief of Staff's appeal decisions are final.
- A record of complaints will be maintained in the Office of Student Registration and Records.

All student complaints must first be addressed internally. If the internal resources have been exhausted and the complaint is not satisfactorily resolved, the student may file a complaint with the regulatory agency in the state that he or she is receiving instruction and/or the institution's accrediting agency.

# Alternative Credit

## Undergraduate Transfer Credit

Credit from a regionally accredited institution must fit within the liberal arts framework of Concordia University Texas to be considered for transfer credit. Transfer credit that meets this requirement is normally accepted on a credit-for-credit basis. A minimum grade of "C-" in the course for which credit is requested for transfer is required by Concordia University Texas.

Transfer credit from institutions in candidacy status with a regional accrediting body which are later granted accreditation will normally be accepted based on the same criteria as that from a regionally accredited institution. Courses from a junior college are generally not accepted as upper-level credit. Credit from non-regionally accredited institutions is generally not accepted but may be evaluated on a case-by-case basis.

Estimates or statements of transfer of credit are unofficial and only the final determination by the Office of Academic Operations based upon official transcripts can be used to establish credit hours transferred and requirements met through such transfer.

Grade points earned from any accepted transfer credit are not figured into the grade point average (GPA) calculation for Concordia University Texas, except for students in the College of Education. Transfer courses cannot be used to replace an existing grade at Concordia, nor can it be used to improve Academic Standing Progression evaluations. Students enrolled in the College of Education majoring in Interdisciplinary Studies or Education Content Curriculum will have all grades from coursework accepted in transfer towards the Concordia University program included in their cumulative GPA calculation at Concordia University Texas. International travel coursework comes in as transfer credit and will not impact a student's GPA, but a student

can receive content credit for CTX courses. Only travel courses taught by CTX faculty are considered CTX courses and only those travel course grades count in a student's GPA.

If a student transfers in a course from another institution and then takes the same course at Concordia, the Concordia course takes precedence. The grade earned at Concordia counts in the GPA and results in the loss of transfer credit from the course taken at the previous institution.

Concordia students who wish to take courses at other institutions for credit transfer back to Concordia should:

- Complete and submit a *Transfer Course Approval Form* to the Office of Academic Operations prior to enrolling in a course at another institution
- The student will receive notification indicating whether or not the request has been approved
    - Positive approval from the Office of Academic Operations assures the student that credit for that course will be accepted as credit toward their degree at Concordia;
    - Denial means that credit for the course requested cannot be awarded.
- Credit from courses taken without prior approval may not be accepted.
- Courses/Credits that are generally not accepted for credit include:
    - Credit from courses that are remedial in nature
    - Credits from non-regionally-accredited institutions
    - Credits from institutions that are regionally accredited but do not fit within the liberal arts framework of Concordia University Texas
    - Credits received through vocational education
    - Credits from courses for which the student earned a grade of "D" or lower
    - Credits received through continuing education, internship, or practicum
    - Courses/Credits not accepted for transfer credit

## Graduate Transfer Credit

The acceptability of courses presented for transfer credit from other colleges/universities is determined by the program chair of the selected program. Courses from colleges or universities not listed on the initial application for admission may not be accepted for credit.

Applicants will be permitted, upon approval, to transfer up to six (6) credit hours of graduate credit from U.S. regionally accredited institutions of higher learning, but only if proposed coursework equates to and is approved for substitution for required coursework in the equivalent graduate program with an earned grade of 'B' or better. All decisions on equivalent substitutions must be recommended by the program chair and approved by the Office of Academic Operations. There is no time limit on an earned degree with the exception of the Doctorate of Education Program, in which transfer work can be no older than five years.

## Texas Common Core Credit

Transfer students who do not complete the Texas common core requirement prior to matriculation at CTX will be evaluated on a course-by-course basis.

Transfer students who complete the Texas Common Core requirements at an accredited college or university prior to matriculation will not be evaluated on a course-by-course basis. Instead, all of the Concordia Common Experience curriculum requirements will be satisfied with the following exceptions:

- The Concordia Distinctive group of courses (10-12 hours)
    - LDR 1300 Life & Leadership-Freshmen *or* LDT 1100T Life & Leadership-Transfer
    - LDR 2201 Leadership Theory
    - LDR 4101C/4101G/4101E Leadership Career
    - 6 hours of in-residence Religion courses (typically satisfied by REL 1301 and REL 1311)
- Three hours of Kinesiology
- Experiential Learning Requirement

Transfer students must provide an official transcript indicating completion of the Texas Common Core on the transcript prior to admission to Concordia in order to have it satisfy Concordia's core requirements.

## Previously Earned Bachelor's Degree

Students who have completed a bachelor's degree at an accredited college or university prior to matriculation will be evaluated on a course-by-course basis and may waive up to nine (9) credit hours of Concordia Common Experience curriculum requirements with the following exceptions:

- The Concordia Distinctive group of courses (10-12 hours)
    - LDR 1300 Life & Leadership-Freshmen *or* LDT 1100T Life & Leadership-Transfer
    - LDR 2201 Leadership Theory
    - LDR 4101C/4101G/4101E Leadership Career and Capstone
    - 6 hours of in-residence Religion courses (typically satisfied by REL 1301 and REL 1311)
- Three hours of Kinesiology
- Experiential Learning Requirement

Further, per SACSCOC standard 9.3c, the student must have at least one course in each of the following areas:

- Humanities/Fine Arts
- Social/Behavioral sciences
- Natural science/Mathematics

Students must provide an official transcript indicating completion of the bachelor's degree on the transcript prior to admission to Concordia in order to have it satisfy Concordia's core requirements.

## Credit by Exam

Credit by exam including CLEP, AP, ACTPEP, DANTES/USAFI, and military colleges evaluated by the American Council on Education (ACE), may possibly be used to satisfy degree requirements but do not count toward residential credit requirements. Other credits based on evaluations of non-collegiate sponsored instruction and Prior Learning Assessment (PLA) may possibly be accepted but do not meet Concordia residency requirements (neutral). Except as printed in the catalog, neutral credit courses are evaluated on a case-by-case basis when requested.

### *Advanced Placement Exams (AP)*

Concordia University Texas accepts college credit for satisfactory scores on the College Board's Advanced Placement Examinations.

Scores of 3, 4, or 5 = Satisfactory (CE – Credit by Examination)
Scores of 1 or 2 = Unsatisfactory (No Credit Granted)

Admitted students who receive satisfactory scores in the subject areas indicated by the Advanced Placement Examinations will be awarded equivalent credit for the Concordia courses as indicated below:

| AP Examination | Concordia Course Equivalent(s) |
|---|---|
| Biology | BIO 1401 |
| Chemistry | CHE 1341 and 1141 |
| Computer Science | CIS 1300 |
| Economics: Macro | ECO 2301 |
| Economics: Micro | ECO 2302 |
| English Language Composition | ENG 1316 |
| English Literature and Composition | ENG 1317 |
| Environmental Science | ESC 1302 and 1102L |

| | |
|---|---|
| European History | HIS 2312 |
| Government and Politics: USA | POLS 1303 |
| Human Geography | HIS 1312 |
| United States History | HIS 1312 |
| World History: Modern | HIS 2312 |
| Latin (Both Tests) | Satisfies Foreign Language requirement |
| Statistics | MTH 2301 |
| Math: Calculus AB | MTH 2401 |
| Math: Calculus BC | MTH 2402 |
| Music Theory | Satisfies Fine Arts requirement |
| Physics B | PHY 1401 and 1402 |
| Physics I | PHY 1401 or 1441 |
| Physics II | PHY 1402 |
| Physics C: Mechanics | PHY 1401 or 1441 |
| Physics C: Electricity and Magnetism | PHY 1402 |
| Psychology | PSY 1311 |
| Spanish Language | Satisfies foreign language requirement |

***NOTE***: AP Exam transfer credits do not fulfill experiential learning requirements in the Concordia Common Experience curriculum.

Admitted students who receive satisfactory scores in other Advanced Placement Examinations that do not have a Concordia equivalent will be granted three hours of credit. The Advanced Placement Examinations in this category include: Art History, Studio Art – all exams, Comparative Government, and French Politics. Credit awarded by other institutions for AP exams will not be accepted by Concordia as transfer credit.

### *CLEP Exam Credit*

Currently enrolled students may submit CLEP scores for evaluation for credit. Students must score at or above the ACE recommended passing grade on the appropriate CLEP examination (usually 50 but may vary with certain tests). Concordia University Texas will award equivalency credit for the following:

| CLEP Examination | Concordia Course Equivalent(s) |
|---|---|
| Financial Accounting | ACC 2301 |
| Biology | BIO 1401 |
| Principles of Management | BADM 3311 |
| Business Law | BADM 3321 |
| Principles of Marketing | BADM 3350 |
| Chemistry | CHE 1341 and 1342* |
| Principles of Macroeconomics | ECO 2301 |
| Principles of Microeconomics | ECO 2302 |
| College Composition | ENG 1316 |
| Analyzing and Interpreting Literature | ENG 1317 |
| American Literature | ENG 2303 |
| English Literature | ENG 2305 |
| French Language: Levels I and II | FRE 1401 and 1402* |
| German Language: Levels I and II | GER 1401 and 1402* |
| American Government | POLS 1303 |
| History of the United States I | HIS 1301 |
| History of the United States II | HIS 1302 |
| College Algebra | MTH 1351 |
| Precalculus | MTH 1352 |
| Calculus | MTH 2401 and 2402* |
| Introductory Psychology | PSY 1311 |
| Human Growth and Development | PSY 2301 |
| Introductory Sociology | SOC 1301** |
| Spanish Language: Levels I and II | Minimum Score: 48 – SPN 1401<br>Minimum Score: 50 – SPN 1401 and 1402<br>Minimum Score: 58 – SPN 1401, 1402, and 2311<br>Minimum Score: 66 – SPN 1401, 1402, 2311, and 2312 |

**ACE recommended test scores will determine if Modern or Classical Language, Calculus or Chemistry credit will be awarded.*

***Transfer credit for SOC 1301 will not satisfy the Concordia Common Experience: Experiential Learning requirement.*

A maximum of 30 credit hours may be earned by examination for application toward the Bachelor Degrees. Concordia will determine the award of postsecondary academic credit for extra institutional credit-by-examination programs related to the student's educational objective at Concordia based on the most recent recommendations by the American Council on Education. Concordia assumes no responsibility for awarding credit for examinations taken that are not on the acceptable list for such credit. Credit awarded by other institutions for CLEP exams will not be accepted by Concordia as transfer credit.

## International Baccalaureate

Concordia University recognizes the International Baccalaureate (IB) and accepts individual course credit for higher level (HL) IB courses with test scores of 4 or higher. For each course presented and accepted, 3 credit hours of credit will be granted to be used in the student's program as appropriate. No credit will be granted for standard level (SL) courses. Credit awarded by other institutions for IB courses will not be accepted by Concordia as transfer credit.

## Military Education and Experience Credit

Concordia will grant credit for military educational experiences in accordance with the recommendations of the American Council on Education. Student will need to provide the Office of Academic Operations with:

- a Joint Services Transcript or,
- a Community College of the Air Force (USAF) transcript. Based on this documentation, an evaluation of the student's military education and experience will determine if credit can be awarded.
- Credit awarded by other institutions for Military Education & Experience will not be accepted by Concordia as transfer credit.

## Prior Learning Assessment

Prior Learning Assessment (PLA) credit based on previous experiential learning acquired on the job, in previous training and/or through personal study. Students may petition for PLA credit. Students must meet with their faculty advisor or Student Academic Planner to review the PLA criteria and the petition development process before attempting to earn credit through prior learning assessment.

Information on completion of a Prior Learning Assessment portfolio is available from a Student Academic Planner. Concordia grants up to eighteen (18) credit hours for properly documented prior experiential learning that demonstrates achievement of all outcomes for specific courses in an approved Concordia major. PLA credit may not be used to satisfy Concordia Distinctive courses, nor residency requirements for graduation. PLA credit is awarded on a Pass/No Pass basis. Concordia does not grant block credit and will not award PLA credit based on internships, Independent Study courses or courses for which CLEP or other equivalency exams exist (as listed in the Concordia Academic Catalog). Maximum use will be made of national, standardized equivalency exams to award credit for prior experiential learning.

Students are responsible for supplying clear and convincing documentation to support their PLA petition. Concordia may not accept documentation of experiential learning acquired while the student attended an institution that was not accredited by a regional accrediting association. Students may not petition for PLA credit using a course for which they have already received credit on a college-level transcript. Once submitted, the PLA petition is reviewed by selected faculty at Concordia University Texas. Final approval is given by the Vice President of Academic Operations and notification comes from the Office of Academic Operations. All material submitted with the PLA petition becomes the property of Concordia University Texas.

Students intending to submit a portfolio for PLA evaluation must submit it no later than 16-weeks (one full semester) prior to their anticipated date of graduation. The PLA assessment fee is due upon submission of the portfolio for review. PLA credit is awarded in the term in which the petition is approved by the Vice

President of Academic Operations. Concordia University Texas does not accept PLA-type credit from other institutions.

## Credentialed Learning

Concordia University Texas recognizes the learning that takes place through external licensing organizations and agrees to award academic credit for the following licenses. No exceptions or alterations will be accepted; credit awarded by other institutions for credentialed learning/external licensing will not be accepted by Concordia as transfer credit.

| Credential | Licensing Organization | Documentation Required | Transfer Hours | Comments |
|---|---|---|---|---|
| EMT | Texas Dept. of Health, Bureau of Emergency Management AND National Registry of Emergency Medical Technicians (NREMT) | Copy of license Training transcript from non-credit program | **Paramedic:** BIO 3311 and 3411 plus 12 hrs upper-level elective and 18 hrs lower-level elective<br>**Intermediate:** BIO 3311 and 3411<br>Basic: 6 hrs elective | Includes in-state and out-of-state training begun Fall, 1999 or after. Training begun prior to Fall 99: Basic, same. Intermediate & Paramedic, no direct transfer— use portfolio assessment. Specialties like pediatric care or obstetrics—use portfolio assessment |
| Firefighter | Texas Fire Commission | License Training transcript from non-credit program | Basic: 9 hrs elective | Firefighters are required to have the basic EMT license and should apply for this credit also. Advanced licenses or special competencies— use portfolio assessment. |
| Human Resource Professional | Society for Human Resource Management (SHRM) | Current certification | PHR: BADM 3340<br>SPHR: BADM 3340<br>BADM 4340 | Check certificate for currency; if expired, use portfolio assessment. Maximum combined award for both certificates is 6 hours. Advanced or specialized learning—use portfolio assessment |
| Texas Basic Peace Officer | TCLEOSE | License Training transcript from non-credit program | CRIJ 1301<br>CRIJ 2328<br>CRIJ 3302<br>KIN 1301 | For additional advanced licenses and specializations— use portfolio assessment. Officers trained and licensed prior to 1981—use portfolio assessment. |
| Real Estate Salesperson | Texas Real Estate Commission | License, Training transcript from non-credit program (now available on TREC website) | Elective: 8 hrs. | Inactive licenses (i.e. “between brokers”) qualify for this award. Expired licenses do not. Mandatory continuing ed. Courses for license maintenance, higher licenses and designations |
| Certified Legal Assistant (CLA) (eff.9/27/2005 | National Association of Legal Assistants (NALA) | Certification | Elective: 12 hrs. | For CLA specialty exams, Texas Board of Legal Specialization (TBLS), and Paralegal Advanced Competency Exam (PACE), use portfolio assessment. |

| | | | | |
|---|---|---|---|---|
| Project Management | Project Management Institute | Certification | BADM 3330 Project Management | Students with this credential may have additional portfolio |
| ISTE Certification | International Society for Technology in Education | Copy of certification from ISTE | EDTC 5315 Foundations of Innovative Design | Certifications earned within the past 5 years are accepted. |
| Leadership Austin | Leadership Austin | Certificate of Completion | MBA 5103 Leadership-Self (1-credit)<br>MBA 5113 Leadership-Others (1-credit)<br>MBA 5122 Leadership-Community (1-credit)<br>MBA 5220 Business, Society, and Public Policy (2-credits) | |
| Austin Center for Faith & Work 787 Fellowship | Austin Center for Faith & Work | Certificate of Completion | MBA 5342 Faith-Driven Leadership & Vocational Calling (3-credits) | Submission of awarded credential required during MBA admission application |

# Registration

## Undergraduate Course Loads

- Students are not permitted to register for more than 18 credit hours per semester without prior approval; Students seeking an exception to this policy in order to register for more than 18 credits in a semester must contact their Student Academic Planner for approval.
- Students desiring to enroll in more than 18 credit hours are required to have earned a 3.00 cumulative GPA or higher.
- Other restrictions about course loads are included under the headings of Scholastic Probation and Admission.
- Unless otherwise noted, students are allowed to register for and enter upper-level courses regardless of classification if that student meets the prerequisites of the course.

## Auditing Courses

Students who wish to acquaint themselves with a subject without receiving credit may audit the course, subject to seat availability. Students registered for credit have first priority. Audit requests should be made with the Director of Academic Success during the normal registration periods. Students who are enrolled in 12 or more hours of credit bearing course work may audit free of charge.

Auditing grants individuals the privilege of hearing, observing, and participating. The instructor will advise the auditing student of course expectations with respect to the student's responsibilities at the beginning of the term. Based upon these criteria:

- Students may not change status from "Audit" to "Credit" within the same term in a course originally started as an audit. Likewise, students may not change status from "Credit" to "Audit."
- Music lessons may not be audited.

## Schedule Changes (Add/Drop)

*Sixteen Week Courses*

Sixteen-week courses may be added or dropped online from the beginning of registration until the first Friday of class day of the traditional 16-week semester. After the first Friday of class, sixteen-week courses may no longer be added. Courses may be dropped until the designated Add/Drop deadlines for each term by visiting Student Central (see Academic Calendar).

*Eight-Week Courses*

Students may add or drop a course from the beginning of registration until the first Friday of the session. Students must contact their Student Academic Planner to complete this process. If a student is receiving financial aid, they must contact their Student Financial Planner prior to dropping a course.

Students in Nursing or graduate cohort programs are not permitted to drop or withdraw from courses without first notifying their Student Academic Planner and requesting further instructions.

# Repeating Courses

*For Improving GPA*

A course taken at Concordia University Texas must be repeated at Concordia University Texas if it is intended to replace an earlier grade. Unless otherwise specified in the course description, regardless of how many times the student passes the course, the credit hours for a repeated course will only be counted once. To improve a grade in a course, the student must retake the exact same course (same prefix and number). While the previous grade in a repeated course continues to be included on the transcript, only the higher of the two grades will be used in computing the grade point average.

*For Additional Credit*

Students may elect to repeat any course(s) designated as repeatable for credit. Courses not designated as repeatable for credit or designated as non-repeatable for credit may only be taken again to improve GPA.

***NOTE***: If the student receives Veteran's Administration (VA) benefits, they must verify with their VA counselor or School Certifying Official prior to deciding to repeat a course.

# Withdrawals

Students who wish to interrupt their studies and withdraw from the institution may get the appropriate form from Student Central. A grade of "W" is assigned for all courses if a student withdraws by the published Last Day to Withdraw from a Course for each term and/or session. After that date, grades (A-F) will be assigned. Students interrupting their studies in any term may be eligible for refunds as required by law and should contact their Student Financial Planner for assistance and clarification.

Students who stop attending classes *and* who do not officially withdraw from Concordia will receive grades for all courses in which they are enrolled. All students also remain responsible for all fees and tuition charges.

# Military Call-Ups

Pursuant to 38 U.S.C. §3691A(a)(2)(B), if a Concordia student is activated by the military (including the National Guard) and receives orders to enter a period of covered service, they must submit a copy of the activation orders to Student Central. Concordia will honor the call-up period and the student will not be required to re-apply if they return to Concordia in the first term after their return from active duty. While the service member is deployed, we will conduct all business with the person given signature authority through a Power of Attorney.

A student who is actively enrolled in courses and receives orders to enter a period of covered service has two options: *Withdrawal* or *Leave of Absence*.

If the activation occurs during a term, and the student opts to withdraw, the student will receive the following:

- A refund of eligible tuition and fees paid for the academic term.
- If applicable, a refund of payments made by the student (or behalf of the student) to the institution for housing. Housing, in this instance, does not refer to the monthly housing allowance provided by the Post 9/11 GI Bill, but rather housing costs such as dorm fees.
- A final grade of 'W' (Withdrawn) for any in-progress courses at the time of the withdrawal.
    - ***NOTE:*** A grade of 'W' is not considered a failing grade and will not reduce the student's term or cumulative grade point average (GPA).

If the activation occurs during a term, and the student opts to take a leave of absence, the student will receive the following:

- An initial grade of 'I' (Incomplete) for any in-progress courses at the time of the leave of absence.
    - ***NOTE:*** A grade of 'I' is not considered a failing grade and will not reduce the student's term or cumulative grade point average (GPA). It is a temporary placeholder indicating in-progress coursework still to be completed by the student.
- The student will be given the opportunity to complete the term after the period of service.

# Special Course Information

## Math Placement and Developmental Courses

In order to ensure student success, all students entering Concordia for the first time who do not have transfer credits for college level math will be placed in courses based on the math portion of the SAT or ACT. Concordia also accepts TSI and ALEKS scores for math placement. If a student has a combination of satisfactory college-level math transfer credit *and* test scores, placement will be made at the highest level possible.

The three developmental math courses are MTH 0220 Developmental Quantitative Literacy, MTH 0313 Fundamentals of Math, and MTH 0320 Intermediate Algebra. Students register for two to three hours of credit for these courses, but do not receive college level credit (this is designated by the 0 in the course number e.g., MTH 0313); therefore, there is no impact to the GPA. Grades for these courses are CR (credit) or NC (no credit). (Financial Aid counts these credit hours towards the total required for Scholarships, grants, etc.).

***NOTE:*** Placement in Upper College Level Math does not waive any math requirements in the degree plan.

| Majors Which Require Any College-Level Math Course Besides MTH 1332 Quantitative Literacy | |
|---|---|
| If the student's highest Math test score is: | Then: |
| • Below 470 SAT<br>• Below 18 ACT<br>• Below 63 Accuplacer College Level Math Portion & Below 67 Accuplacer Elementary Algebra Portion<br>• ALEKS: 0-29<br>• TSI < 335 / TSIA2 Math Score < 933<br>• No test scores | Must enroll in MTH 0313: Fundamentals of Math |
| • 470-510 SAT<br>• 18-21 ACT | Can enroll in MTH 0320: Intermediate Algebra |

| | |
|---|---|
| • Below 63 Accuplacer College level Math Portion & 67+ Accuplacer Elementary Algebra Portion<br>• ALEKS: 30-45<br>• TSI 335-349 / TSIA2 Math 934-949<br>• Developmental Math equivalent to Fundamentals of Math or Elementary Algebra from another college or university—with a grade of C or higher, Credit, or Passing—on an official transcript (no transfer credit will be granted) | |
| • 520-590 SAT<br>• 22-24 ACT<br>• 63-101 Accuplacer College Level Math<br>• ALEKS: 46-60<br>• TSI ≥ 350 / TSIA2 Math ≥ 950<br>• Developmental Math equivalent to Intermediate Algebra from another college or university—with a grade of C or higher, Credit, or Passing—on an official transcript (no transfer credit will be granted); or College Level Math course with a grade of C or higher on an official transcript (transfer credit may be permissible) | Can enroll in Lower College Entry Level Math, which includes the following courses:<br>• MTH 1323 Quantitative Literacy,<br>• MTH 1351 College Algebra,<br>• MTH 1370H Honors Math, or<br>• MTH 2301 Intro to Statistics |
| • 600+ SAT<br>• 25+ ACT<br>• 102+ Accuplacer College Level Math<br>• ALEKS: 61+ | Can enroll in Upper College Entry Level Math, which includes the following courses:<br>• MTH 2305 Discrete Structures, or<br>• MTH 2401 Calculus I |
| Majors Which Require Any College-Level Math Course | |
| If the student's highest Math test score is: | Then: |
| • Below 470 SAT<br>• Below 18 ACT<br>• ALEKS: 0-29<br>• Below 63 Accuplacer College Level Math Portion & Below 67 Accuplacer Elementary Algebra Portion<br>• TSI < 335 / TSIA2 Math Score < 933<br>• No test scores | Must co-enroll in MTH 0220 Developmental Quantitative Literacy **and** MTH 1323 Quantitative Literacy |
| • 470-510 SAT<br>• 18-21 ACT<br>• Below 63 Accuplacer College level Math Portion & 67+ Accuplacer Elementary Algebra Portion<br>• ALEKS: 30-45<br>• TSI 335-349 / TSIA2 Math 934-949<br>• Developmental Math equivalent to Fundamentals of Math or Elementary Algebra from another college or university—with a grade of C or higher, Credit, or Passing—on an official transcript (no transfer credit will be granted) | Can enroll in MTH 1323 Quantitative Literacy |
| • 520-590 SAT<br>• 22-24 ACT<br>• 63-101 Accuplacer College Level Math<br>• ALEKS: 46-60<br>• TSI ≥ 350 / TSIA2 Math ≥ 950<br>• Developmental Math equivalent to Intermediate Algebra from another college or university—with a grade of C or higher, Credit, or Passing—on an official transcript (no transfer credit will be granted); or College Level Math course with a grade of C or higher on an official transcript (transfer credit may be permissible) | Can enroll in Lower College Entry Level Math, which includes the following courses:<br>• MTH 1323 Quantitative Literacy,<br>• MTH 1351 College Algebra,<br>• MTH 1370H Honors Math, or<br>• MTH 2301 Intro to Statistics |

| | |
|---|---|
| • 600+ SAT<br>• 25+ ACT<br>• 102+ Accuplacer College Level Math<br>• ALEKS: 61+ | Can enroll in Upper College Entry Level Math, which includes the following courses:<br>• MTH 2305 Discrete Structures, or<br>• MTH 2401 Calculus I |

## Internships

Internships give students the opportunity to gain valuable work experience and develop marketable skills while making connections in a professional field they are considering as a career path. Internships provide meaningful work experiences similar to those which are normally found in regular employment and meet the experiential learning requirement for degree programs. Students complete the course requirements and the required number of work hours designated by the program during the semester in which they are enrolled in an internship course to receive academic credit. The internship job or project must receive academic approval prior to enrollment. Information about identifying an internship, how to apply, and other details about the program can be found at concordia.edu/internships or by contacting their faculty advisor.

Students identify internship work through their own personal and professional networks or their faculty advisor.

Students must complete the internship application at Concordia.edu/internships and receive academic approval before enrolling in the course. A copy of the job or project description is required as part of the online application.

### *Internship Eligibility and Requirements*

All programs require upper-level standing (junior or senior) and approval of the internship job or project before enrolling in the course. Exceptions are made for students who are in good standing and are prepared to work in an internship. Contact the faculty internship instructor before completing the application if you do not meet the eligibility requirement. Prerequisites are required for most courses and can be found under the course descriptions in the catalog.
The following programs offer an internship course:

- Accounting
- Business Management
- Communication
- Computer Science
- Criminal Justice
- English
- Environmental Science
- Finance
- Government
- History
- Human Resources Management
- Kinesiology
- Marketing
- Mathematics
- Psychology (Behavioral Sciences)
- Sociology (Behavioral Sciences)

## Course-by-Arrangement (CBA)

Concordia University Texas offers a limited opportunity for students to receive instruction in an approved course within its curriculum through personal arrangement between the student and instructor. To apply for Course-by-Arrangement instruction, a valid scheduling conflict (see definition below) must exist. Permission to take a Course-by-Arrangement must be approved by the instructor and the AVP of Information Systems & Compliance (in some cases, additional approval from the VP of Academic Operations may be required).

Students may obtain the necessary form for Course-by-Arrangement from Student Central, or from their Student Academic Planner. In addition to tuition, there is an extra fee for a Course-by-Arrangement. A maximum of three (3) courses and nine (9) credits towards the completion of the degree requirements may be earned through Course-by-Arrangement instruction at the undergraduate level. A maximum of 3 total credits may be earned through Course-by-Arrangement instruction at the graduate and doctoral levels. Permission to take a Course-by-Arrangement will not be granted unless no other suitable options (course substitution, online offerings, etc.) exist.

A valid scheduling conflict exists when:

- Courses a student needs for graduation are offered at the same time; or
- Course a student needs for graduation is not offered in that given term, and there is a valid reason the student did not take the course when last offered.

***NOTE***: Student's personal schedule or work schedule does not automatically constitute a valid scheduling conflict.

## Independent Study

An Independent Study is an individual tutorial emphasizing close reading and discussion of literature in an area of interest to the student that is applicable toward the student's degree but not offered as an existing course at Concordia. With guidance from the professor who has agreed to lead the Independent Study, the student is responsible for generating an outline for the course, selecting the appropriate textbooks/readings, developing objectives for the course, and creating a timeline for the starting and ending of the course. Students may not apply more than six (6) credits toward their degree via Independent Study. Students may contact their Academic Planner for the Independent Study Request form.

*Eligibility Requirements:*

- The desired area of study is not currently offered by Concordia University Texas in an existing course
- Minimum cumulative GPA of 2.75

## Service Learning

Service Learning is a form of instruction in which students engage in experiences outside of the classroom setting which address community needs as part of their academic studies. It combines field and classroom instruction by linking community partners to service projects. Service projects flow directly from established and required learning outcomes for non-credit or credit-bearing academic courses. Students collaborate and discuss their ideas with community partners in order to identify and address a meaningful community need. Service-Learning links academic study to meaningful community service so that students' academic experience and communities are mutually strengthened.

## Consortia

Concordia partners with different consortia partners to both accept and deliver coursework to students across different colleges and universities. Students should contact their Academic Planner to review approved courses and enrollment processes. Current partnerships include:

- Online Consortium of Independent Colleges and Universities (OCICU)

# Academic Standing Progression

Concordia University Texas has established Academic Standing Progression (ASP) as an integral part of its goal to promote student success. Students must successfully meet both the Grade Point Evaluation. Periodic measurements are made of each student's academic achievement in comparison to the standards established as the minimums for continued participation in the program. It is in neither the students' nor Concordia's best interest to have students remain in a program if satisfactory progress is not being achieved toward degree completion. For students who have difficulty meeting these minimum standards, Concordia has in place a series of interventions to determine the nature of each student's difficulty and to set immediate goals and strategies for improvement. When indicated, permission for continued enrollment is withdrawn by Concordia in a timely and professional manner.

***NOTE***: Eligibility for financial aid may also be affected by Academic Standing Progression; see the Financial Aid section of the catalog.

# Academic Evaluation Standard

Qualitative standards of academic standing progression are assessed through Grade Point Average (GPA) evaluation. The calculation of the grade point average is done at the end of each term (spring, summer, fall). Only courses taken at Concordia are used to figure the GPA (unless the student is in a teaching program, in which transfer courses can affect the GPA). For the purpose of GPA calculation, grades of "I", "NC", "NP", or "W" will not be counted.

Calculation is done by dividing total quality points by total GPA hours. Attempted hours are all credit hours in which the student is enrolled on the date of record for the semester (census day). If a course is repeated, only the highest grade* will be figured in the GPA.

*Determining Course Quality Points*

| Grade | Formula | Example |
|---|---|---|
| A | 4 points X number of credit hours | 3-credit hour course = 12 points |
| B | 3 points X number of credit hours | 3-credit hour course = 9 points |
| C | 2 points X number of credit hours | 3-credit hour course = 6 points |
| D | 1 points X number of credit hours | 3-credit hour course = 3 points |
| F | 0 points | 0 points |

*The highest grade earned on a repeated course is figured into the calculation to determine GPA. The lower grade no longer counts in the GPA calculation, but the hours are included in the attempted hours on transcript.

# Standards of Performance for Students

## Undergraduate

A Concordia student must maintain a prescribed GPA, see below, to remain in good academic standing to graduate from Concordia. A student who has a cumulative GPA of 2.0 or higher remains in Good Standing. Good Standing is noted on the student's transcript and becomes part of their permanent academic record.

***NOTE:*** Developmental courses are not considered GPA courses and are therefore not calculated into the cumulative GPA.

*Standard of Academic Progress Chart*

| Level | Minimum Cumulative GPA | College of Education Minimum Cumulative GPA |
|---|---|---|
| Freshman (0-29 earned hrs.) | 2.00 | 2.00 |
| Sophomore (30-59 earned hrs.) | 2.00 | 2.00 |
| Junior (60-89 earned hrs.) | 2.00 | 2.75 |
| Senior (90+ earned hrs.) | 2.00 | 2.75. |

***NOTE:*** Partial hours will be rounded up but may necessitate manual processing.

### Graduate

To remain in good standing, all masters level graduate students must maintain a cumulative GPA of 3.0 or above. Students are automatically placed on academic probation at the end of any semester in which their cumulative GPA falls below 3.0. If at the end of the following semester the student's GPA returns to a 3.0, the student will be back in good standing. After a student has been placed on probation once, any subsequent cumulative GPA of less than 3.0 may result in dismissal from the program. Students who have excessive absences, lack of commitment to the program, and/or fall below the 3.0 GPA will be dismissed from the program. MBA students are allowed a maximum of two Cs while in the program or one F, both of which will be calculated into the GPA. A student may repeat a class only once if they fail a course.

Doctoral level graduate students must maintain a cumulative GPA of 3.0 or above. Students are automatically placed on academic probation at the end of any semester in which their cumulative GPA falls below 3.0. If at the end of the following semester the student's GPA returns to a 3.0, the student will be back in good standing. After a student has been placed on probation once, any subsequent cumulative GPA of less than 3.0 may result in dismissal from the program. Students who have excessive absences, lack of commitment to the program, and/or fall below the 3.0 GPA will be dismissed from the program.

## Academic Standing Definitions

### Dean's Warning

For undergraduate students only, if the cumulative GPA is less than 2.0 at the end of any term, the student is placed on Dean's Warning unless the student is already on Probation for a cumulative GPA below the required standard. Dean's Warning is permanently noted on the student's transcript and becomes part of the student's academic record. The Dean's Warning period is for only one term and formal academic advising is encouraged prior to enrollment in this term.

At the end of the Dean's Warning term, the student will be in one of the following categories:

- If the cumulative GPA was at least 2.00, the student returns to Good Standing;
  *OR*
- If either of the following occurred, the student is placed on Scholastic Probation:
  - Withdrew from all courses during the term
  - Cumulative GPA was below 2.00

### Scholastic Probation

For undergraduate students, if at the end of the Dean's Warning term the student's cumulative GPA is still below the prescribed standard the student is placed on Scholastic Probation for the next term in which the student is enrolled.

For graduate students, if the student's cumulative GPA is below 3.0, the student is placed on Scholastic Probation. Scholastic Probation is permanently noted on the student's transcript and becomes part of the student's permanent record.

The Scholastic Probation period is for only one term and formal academic advising is encouraged prior to enrollment in this term. At the end of the probationary term, the student will be in one of the following categories:

- If the cumulative GPA was at least 2.00 (undergraduate) or 3.00 (graduate), the student returns to Good Standing; *OR*
- If either of the following occurred, the student is considered Academically Ineligible to return and is dismissed from the university:
    - Withdrew from all courses during the term
    - The student's cumulative GPA was below 2.00 (undergraduate) or 3.00 (graduate)

## Academic Ineligibility

If at the end of the Scholastic Probation period a student is placed on Academic Ineligibility, the student is not allowed to continue with his/her education at Concordia University Texas. A student who is academically ineligible to return to CTX may appeal that status as detailed below.

## Appeal Process for Academic Ineligibility

This section provides specific guidance for the handling of appeals and is intended to be used in conjunction with Academic Policy on Appeals for guidance on issues not covered in this section.

### *First Appeals*

To obtain the necessary appeal forms for academic dismissal due to Academic Ineligibility, the student should contact Student Central. Appeal forms along with instructions will be sent to the student. Academic Ineligibility appeals for reinstatement must be submitted via the correct form through Student Central. Academic Ineligibility must be successfully appealed prior to attempting to continue study at Concordia University Texas. Appeal for reinstatement to Concordia must be completed and a decision received by the last day to add a course in order to be able to register in that session.

The following requirements must be met for an appeal to be considered:

- All appeals must be submitted at least two (2) business days prior to the last day to add a course in the term or the intended enrollment period.
- All appeals must explain the cause of the mitigating circumstances that directly contributed to the poor performance, including any documentation necessary to validate issues of fact, and provide evidence that these circumstances have been remediated or are no longer a contributing factor towards the student's ability to perform academically.
- Student must provide an attainable plan for meeting the requirements to be restored to good standing.

The Director of Academic Support, or their designee, in consultation with the student's faculty advisor and Program Chair, as deemed necessary, will review the petition, and decide on the outcome of the appeal including any conditions or requirements. The Director of Academic Support may or may not choose to meet in person with the student.

***NOTES***:

- Submitting the correctly completed forms does not automatically guarantee reinstatement.
- Students will be notified of the results of the appeal by letter and/or email to the student's CTX email account.
- Student may have to apply for readmission to the university before trying to register for courses.
- Financial Aid may be affected by any change in status; refer to Financial Aid policy.

### *Reinstatement Following Successful Appeal*

If the appeal is approved and the reinstatement takes place prior to the end of the specified term registration deadline, the student will be able to register for classes; approved appeals are term-specific for one term at

a time. Readmitted students are automatically placed on Scholastic Probation status for the term in which they are reinstated and registered for courses. Failure to meet the requirements specified in the appeal approval or those required for the probationary term will result in a second academic dismissal from the University. Reinstatement from such a second dismissal is not generally approved except in extreme situations.

Once a student has been Academically Dismissed, if the appeal for reinstatement is not successfully completed prior to the end of the late registration period of the term immediately following the dismissal, the individual is required to complete the re-enrollment process for admission to Concordia University Texas. A successful appeal process as outlined previously in this section must be completed prior to or as part of the re-enrollment process. In order to register for courses, the student must be fully admitted to Concordia University Texas.

# Graduation and Commencement

*Email Notification*

Pending graduates will receive important information regarding graduation and commencement via their CTX email accounts. It is the student's responsibility to check their CTX email accounts regularly, as all official communication from Concordia University Texas can only be sent to CTX student email accounts.

## Graduation Application

Candidates for a Concordia University Texas degree or certificate must be registered for the appropriate Graduation Course during the final term in which the work is to be completed and the diploma is to be awarded. Registration for the graduation courses will be available during the registration periods as published in the Academic Calendar. All students completing their studies must register for graduation regardless of their intent to attend the commencement service. If a student does not register for graduation, their record will not be flagged for graduation processing and the student will not be certified to graduate in that term.

If the student does not complete the work in the semester in which graduation registration took place, the student must re-register for graduation in the next term the student is eligible to graduate. A student will only be charged the graduation fee one time per degree or certificate.

## Graduation Fees and Graduation Audit

Registering for the graduation course charges the corresponding fee to the student’s account (see Fees and Refunds Section). Registration in the graduation course initiates a comprehensive graduation audit of the student’s academic record. If the audit shows successful completion or enrollment in all remaining requirements and that the student is eligible to graduate, a confirmation email will be sent to the student’s ctx.edu email account with further instructions. If the graduation audit indicates that the requirements for graduation have not been met, the student is sent a detailed explanation. This explanation includes a listing of all requirements still outstanding.

Students who register for graduation in a Fall or Spring semester, and receive an approved graduation audit, are automatically eligible to participate in the associated commencement ceremony. Those students who do not receive an approved graduation audit may still be eligible to participate in the associated commencement ceremony—further details and instructions will be provided via e-mail to the student’s ctx.edu e-mail account.

## Commencement Ceremonies

Students may participate in commencement only once per degree awarded. Students graduating with dual degrees or majors may choose which college in which they wish to be acknowledged at the service. Students will be listed in the commencement program separately for each degree.

The following conditions must be met before students are declared eligible to participate in the commencement service. The student must:

- Have completed or be currently enrolled in all remaining classes and requirements needed for graduation, ***OR***
  have only six (6) hours or two courses outstanding at the time of registration for commencement;
  - ***NOTE***: For students who are either (A) enrolled in all remaining classes but are expected to graduate in a different term than the commencement ceremony in question; or (B) have outstanding degree requirements left to complete but wish to participate in commencement early—these students will need to complete the Commencement Participation Petition form via their Student Academic Planner.
- Be at or above the minimum GPA requirement for the degree and major;
- And submit any exam scores, enrollment verifications or transcripts by deadlines designated by the Office of Academic Operations

***NOTE (Summer Graduates)*:** Students who complete their degree and graduate in a Summer term, and wish to participate in either the Fall or Spring commencement ceremony, are not required to register for the applicable Graduation course. The student must contact Student Central to request clearance to participate in the applicable commencement ceremony; additional information or paperwork may be required of the student before they are approved to participate.

Four-year undergraduate students who have completed all degree requirements are eligible for Latin Honors recognition at commencement, including cum laude, magna cum laude, and summa cum laude. The student's records must also show that they will meet the thirty (30) hour residency requirement by the end of their final term of study. For four-year undergraduate students who (A) are eligible to participate in commencement and (B) are enrolled in their final semester with in-progress coursework at the time of their participation in commencement, their Latin Honors recognition will be based on their cumulative GPA at the time of their participation in commencement (in-progress courses will not be factored into their Latin Honors status for the purposes of recognition at commencement).

Commencement regalia are purchased through the Concordia University bookstore. Undergraduate students will receive their honor cords for Latin Honors with their cap and gown order, while graduate students receive honor cords and any other regalia from the honor society to which they belong.

Concordia offers graduation ceremonies twice a year. All graduation and commencement information can be found at any time on the Graduation/Commencement Page: http://www.concordia.edu/commencement.

## External Courses or Examinations

Students enrolled in outside courses or who plan to take exams for credit during their final term of study should inquire with the Office of Academic Operations to verify when due dates are for official enrollment verifications or official score reports (CLEP, IBO, DANTES, etc.).

Concordia University Texas strongly recommends that students not take courses at other institutions or examinations for credit such as CLEP during the final term of study. Delays can occur in the receipt of final official transcripts and score reports from other institutions or organizations. This in turn can delay the term in which the student is awarded their degree.

## Degree Certification

Degrees are awarded three times per year at Concordia University Texas. Once grades are posted and finalized for the term, the process of degree certification begins. Once it is determined that a student has met all degree requirements, the degree will be awarded and posted to the student's transcript. Undergraduate students will also have any applicable Latin Honors designation posted to their transcript at this time.

Diplomas will include the following information as applicable:

- Undergraduate: Name, degree, major, and Latin honors (if applicable)
- Graduate/Doctoral: Name, degree, and concentration (if applicable)

Final transcripts will include degree, major, concentration/specialization, degree date, and for undergraduate students only, applicable Latin honors designation.

Any student that has not met graduation requirements will receive an email to their ctx.edu account detailing which requirements are missing so that they can successfully graduate in a later term.

## Honors (Latin)

*Undergraduate Students Only* - Degree seeking, 4-year undergraduate students with at least 30 credit hours in residence and whose cumulative Concordia grade point average is 3.50 or higher at the end of the term in which the student completes degree requirements are eligible for graduation with Latin honors. This academic status is recorded on the student's official transcript. Honors are awarded as follows:

- Summa cum Laude 3.900 - 4.000
- Magna cum Laude 3.750 - 3.899
- Cum Laude 3.500 - 3.749

***NOTE***: Students who wish to participate in commencement prior to completing all degree requirements (six hours or two classes outstanding), are not eligible to wear Latin Honor cords at commencement. Should the student be eligible for Latin Honors at the time of graduation, such honor will be noted on the student's official transcript.

## Honors Societies

The student is responsible for requesting any honor cords or recognition from an honor society. Concordia University does not provide them as they are unique to each different society.

## Alpha Chi

**Faculty Advisor: Dr. Matthew Bloom**
Alpha Chi is a nationally affiliated honor society. In order to be considered for inclusion in this honor society, students must achieve:

- Junior or Senior standing,
- a grade point averages of 3.50 or above,
- completed one-half of the credits required for graduation (traditional) or earned not fewer than twenty-four credit hours of credit toward a baccalaureate degree (transfer), and
- rank in the top 10% of their classes.

## Alpha Sigma Lambda

Alpha Sigma Lambda is a nationally affiliated honor society for adult non-traditional students with a grade point average of 3.50 or higher and who have completed at least 24 hours at Concordia University.

## Chi Alpha Sigma

**Advisor: Matthew Wallis or Brianna Marstaller**
National College Athlete Honor Society - Established in 1996 Chi Alpha Sigma to recognize nationally the academic achievements of intercollegiate student-athletes. In accordance with the Chi Alpha Sigma Charter student-athlete inductees must have the following in order to be inducted:

- Be in their Junior or Senior year
- Must have achieved a cumulative GPA of 3.4 or greater
- Must have the endorsement from the Head Coach
- Must be in good standing within the University Community

## Lambda Pi Eta

**Faculty Advisor: Dr. Corinne Weisgerber**
Lambda Pi Eta is the National Communication Association's official honor society at four-year colleges and universities. LPH has more than 500 active chapters nationwide. Membership is open to juniors or seniors who have completed at least 12 semester credit hours in communication studies and have a minimum 3.0 overall cumulative GPA and a minimum 3.25 GPA for all communication courses.

## Pi Lambda Theta

Pi Lambda Theta is a nationally affiliated honor society for junior or senior undergraduate, graduate and certificate/diploma students in education who have maintained a grade point average of at least 3.5.

## Psi Chi

**Faculty Advisors: Dr. Nick Chittester or Dr. Monica Yndo**
Psi Chi is an international honor society that exists to encourage, stimulate and maintain excellence in scholarship of the individual members in all fields, particularly in Psychology, and to advance the science of psychology. To be eligible, students must rank in the upper 35 percent of their respective classes in general scholarship, earn a cumulative GPA of 3.0 or greater and also demonstrate superior scholarship in psychology by earning a GPA of 3.0 or greater in Psychology courses. Members wear platinum and dark blue cords or a platinum sash with their academic gowns.

## Sigma Beta Delta

**Faculty Advisor: Angela Clements**
Sigma Beta Delta is the highest nationally recognized honor society for students of business management and administration. Members must rank in the top 20% of the junior, senior or master's class and be invited to membership by the faculty officers.

## Sigma Tau Delta

**Faculty Advisors: Dr. Jeffrey Utzinger or Dr. Gregory Coleman**
An international academic honor society with service components in 11 countries and 50 United States. Members represent all majors as undergraduates and English programs as graduate students. Membership is permanent, continuing in alumni networking. Undergraduates meet a 3.0 average in English. Graduate students meet a 3.3 average. Members wear red and black cords or stoles with their academic gowns.

## Diplomas

Concordia University Texas provides an official diploma to each of its graduates following certification of degree completion, according to the information provided in the University data system. Only one diploma is issued per degree. For students graduating with a dual major, both majors will be listed on the diploma. If the student is graduating with different degrees (e.g., a BA and a BS degree) the student will be issued one diploma per degree.

Diplomas are mailed at no cost to a student's permanent address as shown in the student data management system; other address types cannot be used. It is the student's responsibility to verify the permanent address is correct at all times, but especially prior to the end of the term in which the student will graduate. Students must update their permanent address via MyInfo no later than the Friday before finals week of the term in question; diploma mailing addresses are confirmed on the first business day after the term is completed. Average length of time for diploma delivery is one to two months from the point of certification following the end of the term. Any diplomas that are returned as undeliverable will be held in the Office of Academic Operations at the Main Campus for pick up. If the student is unable to pick up their diploma, they must contact the Office of Academic Operations with an updated mailing address.

The name used on the diploma will be the one found in the university data system. Students will find the exact spelling and format of their name on their transcript. It is the student's responsibility to verify that their name is correct. The only name changes allowed are those made to the student's official records (excluding the inclusion of a student's middle initial or name, upon request from the student with supporting documentation). A change of this type is done by completing and submitting the Name Change Request Form, along with appropriate documentation, no later than four (4) weeks prior to the graduation date for that term. The Student Academic Planner can assist with any questions a student may have about their name spelling and format, or with the name change process.

***NOTE***: If a diploma must be reprinted because the student did not verify the spelling and format of their name, the student must return the previously issued diploma and will be charged the replacement fee for a new diploma.

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# Admissions

## Application Deadlines

Concordia University Texas accepts undergraduate applications for admission on a rolling basis. Specific Concordia University Texas application deadlines are established for some undergraduate and graduate programs. Please contact the Office of Admissions regarding deadline dates, exceptions, or extensions.

International students will need more time to complete the visa process. Applicants should have their files completed by June 1 for the Fall term, November 1 for the Spring term, and February 1 for the Summer term. In the event a student cannot get the visa issued prior to the semester of application, admission may be deferred to a future semester as long as it is within one year of the admission application date.

## ALEKS Testing

ALEKS testing is available to admitted students who, based on ACT, SAT, or TSI test scores, placed into a developmental math course and would like to try and place into a college-level math course.

# Classifications

Students are admitted to Concordia University Texas under one or more of the following classification categories:

## Degree-Seeking Student

Students enrolled in courses for credit who are seeking a degree, certificate, or other formal award. This includes students who:

- received any type of federal financial aid, regardless of what courses they took at any time;
- received any state or locally based financial aid with an eligibility requirement that the student be enrolled in a degree, certificate, or transfer-seeking program; or obtained a student visa to study at a U.S. postsecondary institution.

  ***NOTE***: High school students also enrolled in postsecondary courses for credit are not considered degree/certificate seeking.

## First-Time in College (FTIC) Undergraduate Program

An applicant who has not previously enrolled at a regionally accredited postsecondary institution at the undergraduate level, or an applicant who is seeking to enroll in the Fall term who enrolled at a regionally-accredited postsecondary institution for the first time in the prior summer term, or an applicant who is seeking to be enrolled for the first time at a regionally accredited postsecondary institution who has advanced standing (college credits or postsecondary formal award earned before graduation from high school).

## Transfer-In Undergraduate Student Applicant

An applicant who is seeking enrollment in an undergraduate program who was previously enrolled at another regionally accredited postsecondary institution at the same level.

## Graduate Student Applicant

An applicant who has earned a baccalaureate degree and is applying to be enrolled in courses to earn a Master's or Doctoral degree.

## F-1 Student Visa (Related Term: International Student)

A student applying to the university that wishes for Concordia University Texas to issue an F1 Student Visa.

## Non-degree-seeking Student Applicant

An applicant applying to be enrolled in courses for credit, who has stated in writing that they are not seeking a degree. Non-degree-seeking students are limited in the amount of credits they may complete before being required to declare official degree-seeking intent, apply for admission and provide official transcripts, and be accepted for full admission to the university. These limits, defined by the student's level, are:

- Undergraduate: 24 credit hours
- Graduate: 6 credit hours

## Readmitted Student

A previously enrolled student who has otherwise met all eligibility requirements but has not previously attended Concordia University Texas for one complete academic year, defined as three academic semesters, who has been readmitted per the requirements of Admissions policy.

# Admissions Requirements

## First-Time in College (FTIC) Undergraduate (Abridged and Regular Bachelor's Degrees)

### *Required Materials*

- Completed application for admission
- Official high school transcript(s)
- Additional documentation may be required for students requesting accommodations
- In the case of students who do not meet admission requirements, additional information may be required for evaluation

### *Optional Materials*

- Official SAT/ACT Scores

  ***NOTE:*** These scores are not required for admission but may be submitted. If provided, SAT or ACT math scores can be used for Math placement purposes. Alternatively, students may take the ALEKS placement assessment instead of submitting SAT or ACT test scores.

### *Admission Criteria*

Standard Admission Requirements

- Students will have earned at least a 2.5 high school cumulative GPA, on a non-modified curriculum.

Contingent/Non-Standard Admission Requirements

- If a student has a 2.0-2.49 high school cumulative GPA, the student will be invited to the Summer Enrichment Bridge program. Successful completion of the program will result in admission.
- If a student has a high school cumulative GPA lower than 2.0, or does not attend the Summer Enrichment Bridge program, the Admissions Appeal Process will be completed.

***NOTE***: In the case of students who do not meet admissions requirements, additional information may be required for evaluation.

## Transfer-in Undergraduate (Abridged and Regular Bachelor's Degrees)

### *Required Materials*

- Completed application for admission
- Official transcripts from any college or university attended
- Official high school transcript(s) required for anyone who has less than 12 completed hours and/or less than a 2.0 cumulative GPA on their last 18 completed hours
- In the case of students who do not meet admission requirements, additional information may be required for evaluation.

### *Admission Criteria*

Standard Admission Requirements

- A cumulative GPA of 2.0 on 12 or more college-level credit hours
- If fewer than 12 credits, FTIC requirements must be met

Contingent/Non-Standard Admission Requirements

- If more than 12 credits but lower than a 2.0 cumulative GPA, the student will be evaluated based on the last 18 hours; if still lower than a 2.0 cumulative GPA, the student's high school transcript(s) are required for a cumulative 2.5 GPA.
- If high school cumulative GPA is lower than the 2.5 requirement, the Admissions Appeal process will be completed.

***NOTE***: In the case of students who do not meet admissions requirements, additional information may be required for evaluation.

## Readmit Student

***NOTE***: Students being readmitted will enter under the degree and program requirements in force at the time of readmission. If the original catalog and program requirements in force at the time the student first entered Concordia have expired, as defined in the Academic Catalog, the student must formally petition and receive permission to return to the original catalog and program requirements. All requirements for a degree at Concordia must be completed within seven years of the date of the degree requirements elected by the student.

### *Required Materials*

- Completed application for readmission
- Official transcripts from any college or university attended
    - New transfer work from other regionally accredited colleges and universities will be considered in determining the applicant's readmission but will not affect their GPA. Official transcripts must be supplied by the end of the first term in which the student re-enrolls; failure to provide transcripts by designated timeframe will result in loss of credit hours.

### *Admission Criteria*

Standard Admission Requirements

- The student left CTX in good academic standing as outlined in the Academic Catalog. Students who left CTX in good academic standing are eligible for readmission at their original cumulative GPA, provided they have not completed any other college-level coursework.

### *Contingent/Non-Standard Admission Requirements*

- The student left CTX on Scholastic Probation and student has a cumulative GPA of 2.0 on any college or university credit attempted after leaving CTX.
- If the student left CTX on Scholastic Probation and has no college or university credit after leaving CTX, the Admissions Appeal Process will be completed.
- If the student left CTX Academically Ineligible, the Admissions Appeal Process will be completed as well as the Academic Ineligibility Appeal Process, regardless of the amount of time that has transpired since the dismissal. The Academic Ineligibility Appeal forms are available through Student Central.

***NOTE***: In the case of students who do not meet admissions requirements, additional information may be required for evaluation.

## All F-1 Student Visa Applicants – All Programs

Students who are seeking an F-1 Visa must submit required materials for the desired program and:

### *Standard Admission Requirements (All Levels and All Programs)*

- Proof of English Proficiency
    - All international applicants must demonstrate English proficiency through acceptable test scores or qualifying exemptions as defined below. Applicants may be issued contingent (provisional) admission based upon unofficial or digitally verified academic records to allow CTX to move the application forward while final documentation is in-progress. Contingent admission does ***not*** authorize I-20

issuance or course registration. Proof of English Proficiency demonstrated in one of the following ways:

- **Citizenship in an English-Speaking Country (Exemption):** Applicants who are citizens of an English-speaking country and whose first language is English are exempt from submitting test scores. Acceptable countries include, but are not limited to: Anguilla, Antigua & Barbuda, Australia, the Bahamas, Barbados, Belize, Bermuda, the British Virgin Islands, Canada (excluding French-speaking Quebec), Dominica, the Fiji Islands, the Gambia, Ghana, the Grand Cayman Islands, Grenada, Guyana, Ireland (Republic of Ireland), Jamaica, Kenya, Liberia, Montserrat, Namibia, New Zealand, Nigeria, Saint Kitts and Nevis, Sierra Leone, South Africa, St. Lucia, St. Vincent & the Grenadines, Switzerland, Tanzania, Tobago, Trinidad, the Turks and Caicos Islands, Uganda, the United Kingdom (England, Northern Ireland, Scotland, and Wales), the United States of America (except Puerto Rico), and Zimbabwe.
- **Education in the United States (Exemption):** Applicants who have successfully completed at least one year of full-time study or earned a degree from an institution in an English-speaking country (listed above) are exempt from submitting test scores.
    - Undergraduate admission: high school level or above
    - Graduate admission: collegiate level or above
- **Approved English Proficiency Tests:** Applicants who do not meet a citizenship or education exemption must submit one of the following official test scores. Scores must be from tests completed within the past two years and official documentation is required (sealed if required). TOEFL iBT can be verified electronically.
    - Satisfactory scores on one of the following tests:
        - TOEFL
            - Minimum Score (Undergraduate / Graduate): 80 (overall)
            - Additional Requirements: 26+ on Speaking
        - Pearson Test of English (PTE)
            - Minimum Score (Undergraduate / Graduate): 64
        - IELTS
            - Minimum Score (Undergraduate): 5.5
            - Minimum Score (Graduate): 6.5
        - Duolingo English Test
            - Minimum Score (Undergraduate): 105
            - Minimum Score (Graduate): 120

***NOTE:*** When registering for the Duolingo English Test, select *Concordia University Texas* as a recipient (or update recipient settings). Duolingo then sends an official electronic report with a unique verification code directly to the CTX Admissions Office.

- Proof of Financial Support demonstrated in one or more of the following ways:
    - An original bank statement must be provided in USD, in English, and must be less than 90 days old.
    - If a sponsor is supporting the student, a signed Sponsor's Affidavit Annual Cash Support (PDF) is also required. The form must be printed, signed, and notarized or stamped by the bank where funds are kept, and can be uploaded either at the end of the application or in the self-service center after submitting the application.
    - If the student has a scholarship or loan, an original letter from the contributing organization is required. Proof of financial support is required, whether the student is providing their own funds, or will be sponsored by someone else. The form must be printed, signed, and notarized or stamped by the bank where funds are kept, and can be uploaded either at the end of the application or in the self-service center after submitting the application.
- If the degree-granting institution is not located in the United States, then an official member of NACES or WES Foreign Education Credential Service evaluation of all post-secondary work is required.

***NOTE:*** International students who receive a visa approval must submit a $3,000 enrollment deposit within 7 days of their visa issuance to secure their place in the entering class. This deposit is not an additional fee—it is applied directly toward the student's first-semester tuition charges once enrollment is confirmed. Timely submission of the enrollment deposit allows CTX to finalize class registration, housing coordination, pre-arrival of onboarding, and SEVIS reporting requirements. Students who do not submit the enrollment deposit by the

published deadline may have their admission and/or I-20 record placed on hold or withdrawn to ensure compliance with institutional and federal requirements.

## Traditional First-Time in College (FTIC) F-1 Student Visa Applicants

Additional documentation requirements for FTIC Applicants educated outside the United States:

- Applicants whose secondary education was completed outside the United States must submit final, official high school or secondary-school transcripts from all institutions attended.

  Concordia University Texas may evaluate international secondary/high school transcripts internally for admission purposes whenever possible. However, CTX reserves the right to require a credential evaluation from a NACES-member institution (such as WES) when additional verification is needed to confirm credential equivalency, graduation status, grading scales, authenticity, and/or English translation. A course-by-course NACES evaluation is not routinely required for secondary/high-school coursework completed outside the United States.
- Applicants may be offered contingent admission based upon unofficial or digitally verified academic records pending receipt and review of final, official documents. Contingent admission does **not** authorize I-20 issuance or course registration.
- All required official transcripts (and, when applicable, any requested external evaluations) must be received by the stated deadline prior to full admission, I-20 issuance, and course registration. Failure to provide required official documentation may result in rescinding admission or withholding I-20 issuance.
- Applicants must also meet all English proficiency requirements.

## Transfer F-1 Student Visa Applicants

Additional documentation requirements for FTIC Applicants educated outside the United States:

- Applicants who have completed college or university coursework outside the United States must submit official post-secondary transcripts from all institutions attended (or NACES evaluation for any foreign transcripts).
- Students who wish to receive transfer credit toward a CTX degree are required to provide a course-by-course evaluation from a NACES-member organization (e.g., WES< ECE, SpanTran) for the foreign institutions from which they are requesting transfer credit.
- Applicants who do not seek transfer credit must still submit official institutional transcripts with a NACES course-by-course-evaluation.
- Applicants may receive contingent admission using unofficial academic records and/or unofficial evaluation reports until final official transcripts (and, when applicable, external evaluations) are submitted and reviewed. Contingent admission does **not** authorize I-20 issuance or course registration.
- Final, sealed, or digitally verifiable official transcripts and any required NACES evaluations must be submitted within the timeline required for admission, I-20 issuance, and enrollment to remain valid. CTX may rescind admission or withhold I-20 issuance if discrepancies are identified or documents are not received by the established deadline.
- Applicants must also meet all English proficiency requirements.

## Non-Degree Seeking Students

### *Required Materials*

- Completed application for admission

- Official transcripts if demonstrating prerequisite completion in the required content area

*Admission Criteria*

- Are not required to meet regular admission standards;
- Are not eligible for financial assistance;
- Are required to submit official transcripts only if the courses planning to enroll require a prerequisite and the student has passed an equivalent course in the required content area.

***NOTE:*** Non-degree-seeking students are limited in the amount of credits they may complete before being required to declare official degree-seeking intent, apply for admission and provide official transcripts, and be accepted for full admission to the university. These limits, defined by the student's level, are:

- Undergraduate: 24 credit hours
- Graduate: 6 credit hours

### Graduates of a Non-Accredited High School

*GED Candidates*

Students who did not graduate from high school will be considered for admission to Concordia upon submission of satisfactory GED scores. A satisfactory score is 50 for those who took the test prior to 2002, 500 for those who took the test between 2002-2013, or 580 for those who took the test after 2013. GED candidates may be required to submit additional information at the request of the Office of Admissions.

*Homeschool Students*

Applicants from non-accredited high schools will be considered for admission upon submission of notarized transcripts of the work completed in high school, ACT/SAT scores, and such other documentation as the Office of Admissions may direct.

## Program Specific Admissions Requirements

### Bachelor of Applied Arts and Sciences (BAAS)

For admission into the Bachelor of Applied Arts and Sciences Degree Program, the student must have been awarded an approved Associate of Applied Science (AAS) degree from a regionally-accredited institution.

*Required Materials*

- Completed application for admission
- Official transcripts from all colleges/universities attended, reflecting all credits attempted and earned, as well as a conferred Associate of Applied Science (AAS) degree

***NOTE*:** In the case of students who do not meet admissions requirements, additional information may be required for evaluation.

### Bachelor of Arts in Interdisciplinary Studies and Bachelor of Arts in Education Content Curriculum

Standard Admission Requirements for the Teacher Education Programs may be found in the Teacher Education Handbook located on the University website.

### Bachelor of Science in Nursing (BSN)

*Incoming Students*

Students interested in completing the Bachelor of Science in Nursing degree will first be accepted as Pre-Nursing Majors and will complete the nursing prerequisite courses before enrolling in the BSN program. All Pre-Nursing students must meet with their assigned advisor to ensure enrollment in the correct Pre-Nursing courses.

### *Current Concordia Students*

Concordia students can apply for the BSN program during the last semester of prerequisite courses. Students should work with their assigned faculty advisor to ensure they are on track. To complete the BSN program, the student must fulfill all Pre-Nursing requirements.

***NOTE***: All admissions to the BSN program are conditional until all items on the Nursing requirement checklist are completed, including clear background check, Texas Board of Nursing Licensure Eligibility, negative drug screen result (first attempt only), and all required vaccines and records.

### *Required Materials*

- Acceptance to the university
- Completed application for admission
- Final, official college/university transcripts; Concordia only accepts credit from regionally-accredited institutions.
- Official Test of Essential Academic Skills (TEAS) Scores: Must complete within three years of enrollment in the Nursing program and achieve a score of 67 or higher (no more than two attempts are allowed within a 365-day period to reach minimum score requirements accepted)
- Nursing Program Short Answer Questions
- Personal Essay *(only required for admission appeal petition)*
- Three recommendation forms *(only required for admission appeal petition)*

### *Standard Admission Requirements*

- Completion of all Pre-Nursing requirements with the following:
    - Minimum cumulative GPA of 3.0
    - Minimum cumulative GPA of 3.0 in the pre-requisite natural science courses
- A minimum ATI TEAS score of 67
- A minimum score of 13, with no question scores of 1, on the Nursing Program Short Answer Questions
- Successful completion of all Concordia Common Experience (general education) and Pre-Nursing requirements, with the exception of the Leadership Distinctive requirements (LDR 1300/1100T, LDR 2201/3301, and LDR 4101C), and general education requirements that will be completed in the Nursing Program (Personal Wellness, and Experiential Learning requirements)

***NOTE***: In the case of students who do not meet the minimum admissions requirements above, the student may submit a petition and will be admitted only if they are deemed eligible by the Nursing Admissions Appeal Committee. Any student that has previously attended any Nursing program must submit an appeal, provide a letter of interest, and a letter of eligibility from the previous Nursing program.

## Bachelor of Science in Nursing Direct Entry Admission Track

This track for the BSN program is designed for high-achieving incoming freshmen who would like to be guaranteed a spot in the BSN program should they meet all the requirements.

### *Preliminary Requirements*

- High school cumulative GPA of 3.0 or higher
- High school Mathematics courses with a cumulative GPA of 3.0
- High school Science courses with a cumulative GPA of 3.0

### *Final Requirements*

- Completion of all Pre-Nursing requirements
- Minimum cumulative GPA of 3.0 in the natural science courses

- Official Test of Essential Academic Skills (TEAS) Scores: Must complete within three years of enrollment in the Nursing program and achieve a score of 67% or higher (no more than two attempts are allowed within a 365-day period to reach minimum score requirements accepted)

### *Participation Requirements for the BSN Program*

Once accepted into the BSN program, the student must complete the following:

- American Heart Association CPR certification from the "Basic Life Support for Healthcare Providers" course
- Criminal background screening
- Drug screening
- Certified background checks for both the University and the Texas Board of Nursing
- Satisfactory completion of all immunization and health participation requirements through Clinical Student
- Proof of Health Insurance (May not be a monthly plan)

Students will be required to submit proof that they have completed all of these participation requirements before beginning the BSN program. These requirements are subject to change for each cohort and will be provided to students upon acceptance into the program.

## Master of Business Administration (MBA)

### *Required Materials*

- Completed application for admission
- Official transcripts from the college or university where the student earned their baccalaureate degree
- A summary of professional work experience or resume
    - For applicants with a cumulative GPA lower than 2.75, a personal essay must be submitted.

### *Standard Admission Requirements*

- A baccalaureate degree from a regionally accredited institution of higher education, or a recognized non-U.S. institution of higher learning (an official WES Foreign Educational Credential Service evaluation of all post-secondary work is required).
    - ***NOTE:*** A graduate degree with an accompanying official transcript may be accepted for admission into the MBA program. However, if a graduate transcript is used for admission, undergraduate coursework without official transcripts cannot be used to exempt the student from foundational or pre-requisite course requirements.
- A minimum cumulative GPA of 2.75 (on a 4.0 scale) from the undergraduate degree-granting institution.
- Demonstrated proficiency by earned college credit with a grade of 'B' or higher in Accounting, Finance, Statistics, and Economics.

### *Contingent/Non-Standard Admission Requirements*

- Applicants who do not meet admissions requirements may be considered for provisional admission by the MBA Admissions Committee.
- Applicants with a cumulative GPA below 2.75 must complete an interview with the MBA Program Coordinator. The interview can be conducted virtually via video-conferencing or in-person on campus, according to the student's preference.
- Students must have demonstrated proficiency by having earned collegiate credit with a grade of 'B' or higher in Accounting, Finance, Statistics, and Economics. If not, then the student must take a leveling course in the respective content area(s). The student must take the appropriate module(s) the semester prior to registering for the class. A student is allowed to take each module three times; if the student does not successfully complete the module the third time with a grade of 85% or higher, the student will not be permitted to register for the applicable MBA course(s).

## MBA 4+1 Program

- Completed application for admission
- A minimum GPA of 3.0 for initial admission for freshmen
- A minimum GPA of 2.75 for current or incoming sophomores and juniors; seniors should be encouraged to apply directly for the MBA Program.

- The program is open to all Business Administration majors regardless of modality, as well as BAAS Students, but not international students. 4+1 students need to complete 60 undergraduate credits before enrolling in their first MBA classes.
- If a student is a Business minor (e.g., Accounting & Financial Management; Human Resources & Management; Marketing; or Sports Administration minor), they must also complete a leveling course in the respective content area(s) before enrolling in their first MBA classes. The student must take the appropriate module(s) the semester prior to registering for the class. A student is allowed to take each module three times; if the student does not successfully complete the module the third time with a grade of 85% or higher, the student will not be permitted to register for the applicable MBA course(s).

***NOTE***: Students who do not meet admissions requirements may be considered for provisional admission by the MBA Admissions Committee.

## Master of Education (M.Ed.)

### *Required Materials (All Concentrations)*

- Completed application for admission
- Official transcripts from the college or university where the student earned their baccalaureate degree

### *Standard Admission Requirements (All Concentrations)*

- A baccalaureate degree from a regionally accredited institution of higher education, or a recognized foreign institution of higher learning (an official WES Foreign Educational Credential Service evaluation of all post-secondary work is required).
- A minimum cumulative GPA of 2.5 or higher (on a 4.0 scale).

### *Contingent/Non-Standard Admission Requirements (All Concentrations)*

- Students who do not meet admissions requirements may be required to submit additional information prior to admission. Admission for applicants who do not meet admissions standards will be determined by the Graduate Education Committee.

### *Educational Leadership*

Additional Standard Admission Requirements

- Teaching Certification
- A minimum of one full year of teaching experience in public or private schools via Service Record
- Undergraduate cumulative GPA of 2.75 or higher

Contingent/Non-Standard Admission Requirements

- Undergraduate GPA of 2.5-2.74 (cumulative *or* last 60 hours)
    - Student must submit low GPA essay; a potential interview with Program Coordinator may also be deemed necessary.

### *Coaching and Sports Administration*

Contingent/Non-Standard Admission Requirements

- If the GPA of the last 60 hours of undergraduate coursework is 2.5 or higher, the applicant will be admitted.
- If the GPA of the last 60 hours of undergraduate coursework is not 2.5 or higher, the applicant must submit an essay to be reviewed by the Graduate Education Committee.

### *Emerging Technology and Innovation*

Contingent/Non-Standard Admission Requirements

- If the GPA of the last 60 hours of undergraduate coursework is 2.5 or higher, the applicant will be admitted.
- If the GPA of the last 60 hours of undergraduate coursework is not 2.5 or higher, the applicant must submit an essay to be reviewed by the Graduate Education Committee.

## Master of Computer Science (MCS)

### *Required Materials*

- Completed application for admission
- Official transcripts from the college or university where the student has completed degree-conferring coursework or coursework relevant to program admission
- A resume or curriculum vitae summarizing relevant professional experience, community involvement, and academic background
- For applicants with a cumulative undergraduate GPA lower than 2.5, successful completion of leveling coursework and/or an interview may be required

### *Standard Admission Requirements*

- A baccalaureate degree from a regionally accredited institution of higher education, or a recognized non-U.S. institution of higher learning (an official WES Foreign Educational Credential Service evaluation of all post-secondary work is required). These transcripts are required for admission consideration and to evaluate academic preparation for graduate-level study. Other transcripts may be requested to evaluate pre-requisite or leveling course requirements.
    - ***NOTE:*** A graduate degree with an accompanying official transcript may be accepted for admission into the MCS program. However, if a graduate transcript is used for admission, undergraduate coursework without official transcripts cannot be used to exempt the student from foundational or pre-requisite course requirements.
- A minimum cumulative GPA of 2.5 or higher from the undergraduate degree-granting institution (on a 4.0 scale).

### *Contingent/Non-Standard Admission Requirements*

- Applicants with a cumulative undergraduate GPA between 2.0 and 2.49 may be considered for contingent admission. Contingent admission requires the successful completion of designated leveling courses with a minimum GPA of 2.75 in those courses to earn full admission to the program.
- Applicants without a computer science background may be required to complete leveling coursework prior to full admission into the program. Leveling courses may include one or more of the following:
    - CSC 1401 Introduction to Computer Science I
    - CSC 1402 Introduction to Computer Science II
    - CSC 2403 Data Structures and Algorithm Analysis
    - CSC 3315 Systems
- Leveling courses may be taken at Concordia University Texas or transferred from another regionally-accredited institution.
- An admissions interview may be required if additional information or clarification is needed.

## Doctorate of Education (Ed.D.)

### *Required Materials*

- Completed application for admission
- Official transcript(s) from accredited master's degree conferring institution
- Resume or CV
- Letter of Intent
- Sample of Scholarly Writing
- Employer Support Form
- Three Letters of Reference
    - Present supervisor;
    - Academic/Applicant's former professor;
    - Co-worker/Professional peer
- For students pursuing Superintendent Certification, a copy of Service Record is required. There may be additional requirements for students interested in the Superintendent Certification
- ***Optional***: Although no formal testing is required for entry, scores from a recent (5 years or less) Graduate Record Exam (GRE) will be accepted and may be used for admission consideration.

### *Standard Admission Requirements*

- A master's degree from a regionally accredited institution of higher education or a recognized foreign institution of higher learning (an official WES Foreign Educational Credential Service evaluation of all post-secondary work is required)

- Combined 5 years of credited teaching experience and/or administrative/leadership experience (mid-level management or principal certification for those seeking superintendent certification)
- A graduate GPA of at least 3.0 on a 4.0 scale
- Finalists for admission will be interviewed by the review committee, as well as provide an onsite writing sample

## *Contingent/Non-Standard Admission Requirements*

- Students who do not meet admissions requirements may be required to submit additional information prior to admission. Admission for applicants who do not meet admissions standards will be determined by the Graduate Education Committee.

# Student Financial Services

## Recommended Application Dates

*Returning Students*
For the 2026-2027 academic year: March 1, 2026

*New Students*
Starting Fall 2026: March 1, 2026
Starting Spring 2027: October 31, 2026
Starting Summer 2026: March 1, 2027

Applications will be accepted after these dates. However, students will need to work with a Student Financial Planner to review deadlines and payments for tuition due.

## Application Information

Students interested in applying for financial aid must be accepted for admission to Concordia University Texas (CTX) and submit the Free Application for Federal Student Aid (FAFSA) for the relevant year. Students applying for federal student aid must meet all US Department of Education eligibility requirements. If an applicant's FAFSA is selected for verification, students may also be asked to submit additional documentation as instructed by CTX Student Financial Services. When all required documents have been received by CTX Student Financial Services, the student's eligibility is calculated and an award package is then constructed through a combination of scholarships, grants, low-interest loans, and/or on-campus work-study programs depending upon the student's eligibility and the funds available.

Eligibility for all financial aid requires that a student be accepted for admission or be currently enrolled and maintaining Student Financial Services Satisfactory Academic Progress described below.

## Return of Title IV Funds

Financial aid is awarded to a student based on the assumption that the student will complete the period for which the aid has been awarded. When a student withdraws from the university and has federal aid, a Return of Title IV Funds calculation must be completed. Funds included in the Title IV return include: the Federal Pell Grant, the Federal Supplemental Educational Opportunity Grant (FSEOG), and Teacher Education Assistance for College and Higher Education Grant (TEACH); along with Federal Direct Loans such as subsidized, unsubsidized, and the PLUS loan (both Parent and Graduate). Federal Work-Study earned is not included in the calculation.

An overview of the Return of Title IV process is as follows:

- The student should contact their Student Academic Planner for a Withdrawal Form. This form should be completed for all students wishing to withdraw from the university and not just for those with federal aid.
- The withdrawal date is reported on the Withdrawal Form and is generally the last day of attendance. Should there be any question about the date, Student Financial Services will determine the date of withdrawal based on feedback from the student's professors.
- Student Financial Services will be responsible for completing the return within 30 days of the date of withdrawal and will notify the student as to whether the school or the student will be responsible for repayment of Title IV funds, if applicable.

- Student Financial Services is responsible for tracking all notifications and deadlines and, in the event of an overpayment by the student, the office will notify the student within 30 days of the withdrawal date as to the student's responsibility to repay the funds within 45 days of the date of the notice and the options for repayment.
- Should the student be eligible for a post-withdrawal payment of aid, a written notice to the student will occur within 30 days of the date of withdrawal. The student will be required to report to Student Financial Services within 14 days after the date of the notice as to whether or not they wish to accept the post-withdrawal disbursement. In the case of a loan creating the post-withdrawal disbursement, the student will be counseled as to the nature of the funds. The school will disburse any accepted post-withdrawal disbursement within 120 days after the date of withdrawal.

# Satisfactory Academic Progress (SAP) Policy – Financial Aid

Student Financial Services at Concordia University Texas (CTX) utilizes the qualitative (grade based) and quantitative (pace) Satisfactory Academic Progress policy as follows:

| Level | Percentage of attempted hours which must be earned | Cumulative GPA |
|---|---|---|
| Freshman (0-29 earned hrs.) | 45% | 2.00 |
| Sophomore (30-59 earned hrs.) | 50% | 2.00 |
| Junior (60-89 earned hrs.) [1] | 60% | 2.00 |
| Senior (90+ earned hrs.) [1] | 67% | 2.00 |
| Graduate Students | 67% | 3.00 |

[1] *Undergraduate students enrolled in the College of Education with 60 or more credit hours earned must maintain a 2.75 cumulative GPA.*

In addition to those measurements, students must complete their academic program within the federally mandated maximum permissible time frame (not to exceed 150% of the published length of the program). Application of these requirements includes all terms of enrollment, whether or not aid was awarded or received.

Incomplete courses, withdrawals, repetitions, and transfer credits[2] are included in the qualitative and quantitative Financial Aid SAP calculations. Courses graded as "pass/fail" are considered for the quantitative requirement but excluded for the qualitative requirement. Student Financial Services does not recheck SAP and/or recalculate Financial Aid SAP as a result of grade changes that occur between formal SAP evaluations.

[2] *Grade points from accepted transfer credits are only figured into the qualitative calculation for students enrolled in the College of Education majoring in Interdisciplinary Studies or Education Content Curriculum.*

## SAP Evaluation – Eligibility to Receive Financial Aid

Student Financial Services will evaluate SAP requirements at the end of each term and before aid is disbursed for the following term. Students who fail to meet SAP requirements will be automatically placed in a "Warning" status for one (1) term. Those students are expected to meet SAP requirements by the end of that term or risk being placed on financial aid "Suspension." Students cannot receive federal or state financial aid while on financial aid suspension.

Students who have experienced documented, extraordinary circumstances that led to their financial aid suspension have the option of submitting a petition for additional terms of eligibility. Those students who successfully petitioned their SAP status will be placed on an "Academic Plan." The Academic Plan is to be created with and approved by their Student Academic Planner, with the purpose of achieving and meeting SAP requirements once the Academic Plan has ended.

During the SAP Process at the end of each term, the SFS team will evaluate each student that is on "Academic Plan" status to determine if they are meeting/have met the requirements of their plan.

If the student continues to meet the agreed terms of the approved Academic Plan, they are eligible to receive aid for the following term.

Should a student fail to meet the requirements of the Academic Plan, they will be placed on financial aid "Suspension" for the following term. Should these students feel that they experienced additional extenuating circumstances that led to them not being able to meet their Academic Plan requirements, they have the option of completing a new petition for review; however, the petition must present a new reason for consideration.

## Financial Aid SAP Petition Process

Students who have experienced documented, extraordinary circumstances that led to their financial aid suspension may petition for additional terms of eligibility for financial aid disbursements. There are no limits to the number of times a student may petition a SAP decision; however, a student may not petition for the same reason/circumstance twice.

Under the SAP regulations, the circumstances for an appeal can include, but are not limited to:

- The death of a relative or close friend
- Injury or illness of the student
- Other special circumstances as determined by the school, such as:
    - Family difficulties, such as divorce or illness
    - Interpersonal problems with friends, roommates, significant others, etc.
    - Difficulty balancing school and work, athletics, family responsibilities, etc.
    - Financial difficulties

Students who believe they have extraordinary, extenuating circumstances as defined above must submit a *SAP Petition – Student Financial Services Form* by the following deadlines:[3]

- Fall Semester: November 15
- Spring Semester: March 15
- Summer Semester: July 15

If the petition is not submitted by the deadline, it is possible that the petition may be approved, but there is no guarantee that Student Financial Services will be able to disburse all of the student's financial aid before the end of the semester.

[3] *Student Financial Services cannot evaluate an SAP Petition for a term that has ended; this also applies when the student's enrollment within the term has ended (e.g., the student has withdrawn). If a student is only enrolled in the first session of the semester, these deadlines do not apply, as the student will need to have submitted a petition before the end of session in which they are enrolled.*

The SAP Petition should explain their situation and provide the following information:

- Student name, Banner ID, the semester in which they plan to enroll, the SAP requirements they did not meet, and their Academic Program.
- Detailed explanation addressing:
    - The basis for the appeal (examples: death of a relative, injury/illness of the student, etc.)
    - How these circumstances have been remediated or are no longer a contributing factor toward the student's ability to perform academically.
- Attach supporting documentation from a 3rd party if available (e.g., police report, detailed hospital bill, physician's statement, death certificate, etc.)

- Attach an Academic Plan that has been developed with their Academic Planner

The *SAP Petition - Student Financial Services Form* is started by the student and will be routed to the student's Academic Planner. The student will need to meet with their Academic Planner to determine an Academic Plan for the following term(s) of enrollment. The purpose of the Academic Plan is to establish a plan of action the student must follow to regain SAP eligibility; therefore, the length of the Academic Plan should be based on how long it will take for the student to meet Financial Aid SAP Policy.

Once that is complete, the SAP Petition can be completed by the Academic Planner and will be sent to Student Financial Services for review. Student Financial Services will notify the student via their ctx.edu email once a decision has been made.

***NOTE***: Financial Aid SAP petition decisions are made independently of the Academic Appeal process described in the Academic Information Section of this catalog. However, students must be academically eligible to enroll for coursework to receive financial aid. Financial Aid SAP petitions will not be reviewed if the student's Academic Standing is "Academically Ineligible."

Students who petition successfully are placed on an "Academic Plan." While on an Academic Plan, students are eligible to receive financial aid disbursements, provided they are successfully following the submitted and approved Plan. Should a student fail to follow their Academic Plan, they will be placed on SAP Suspension for the semester immediately following evaluation. These students will remain on SAP suspension until they have regained/met SAP standards. They do have the option of completing a new petition for review; however, the petition must present a new reason for consideration.

## Veterans Educational Benefits

For students who are eligible, Veterans Educational Benefits can be used to offset college costs. For information about Veterans benefits, please use the VA website, www.gibill.va.gov.

Chapter 30 - Montgomery G.I. Bill/Pre-1990 G.I. Bill[1]
Chapter 31 - Vocational Rehabilitation
Chapter 32 - Post-Vietnam Era Veterans' Educational Assistance
Chapter 33 - Post 9/11 and Yellow Ribbon Program
Chapter 35 - Survivors' and Dependents' Educational Assistance
Chapter 1606 - Selected Reserve Educational Program
Chapter 1607 - Gulf War Selected Reserve Educational Program

Once the Veterans Administration determines eligibility, the student will be issued a certificate of eligibility from the VA. A copy of the certificate must be turned into the VA Certifying Official at Concordia University before the student's enrollment will be certified to the VA. A copy of the student's DD-214, if the student is the service member, needs to be submitted to the VA Certifying Official. An official copy of the student's Joint Services Transcript needs to be submitted to the school when the student applies for admission so that any military credit can be considered for transfer credit.

Students must complete a certification request form prior to each semester. This form authorizes Concordia University to provide required information and to certify your enrollment for the specified semester to the U.S. Department of Veterans Affairs. This form must be submitted each semester you plan to attend Concordia University and receive VA benefits. The Certification request from can be found here: https://www.concordia.edu/admissions/service-members.html

[1] GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).
More information about education benefits offered by VA is available at the official U.S. government Web site at https://www.benefits.va.gov/gibill

Students receiving VA educational benefits must maintain a cumulative GPA of 2.00 to be considered making satisfactory academic progress. Students on academic probation, who fail to achieve a term GPA of 2.00 at the end of the first probationary term, will be reported to the Department of Veterans Affairs as making unsatisfactory progress. Students who fail to achieve a cumulative GPA of 2.00 at the end of the second probationary term will be reported to the Department of Veterans Affairs as being academically ineligible to return. For more information on satisfactory progress, see the Standards of Academic Progress section of this catalog.

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# Tuition, Fees, Refunds

## Tuition

- Traditional Undergraduate, Full-Time (12+ hours)
  - Tuition, per-semester $12,950
- Traditional Undergraduate, Part-Time (Registered hours <12)
  - Part-Time Rate, per credit hour $1,135
- Traditional Undergraduate - Summer
  - Tuition, per credit hour $550
- Undergraduate – Online/Hybrid/Non-Traditional
  - Tuition, per credit hour $550
- ABSN Degree Program
  - ABSN Tuition (full-time cohort students, per semester)
    - AY 26/27 start $17,800
    - AY 25/26 start $17,300
  - ABSN Tuition (part-time, per credit hour) $1,000
  - Pre-ABSN Tuition, per credit hour $550
- Masters Degrees –
  - M.Ed. Tuition, per credit hour
    - AY 26/27 start – LOCKED $767
    - AY 25/26 start – LOCKED $640
  - MBA Tuition (On-Ground), per credit hour
    - AY 26/27 start – LOCKED $785
    - AY 25/26 start – LOCKED $785
  - MBA Tuition (Online), per credit hour
    - AY 26/27 start – LOCKED $785
    - AY 25/26 start – LOCKED $785
  - MCS Tuition, per credit hour
    - AY 26/27 start – LOCKED $800
    - AY 25/26 start – LOCKED $800
- Doctoral Degrees –
  - Ed.D. Tuition, per credit hour
    - AY 26/27 start – LOCKED $900
    - AY 25/26 start – LOCKED $900

## Room & Board / Residential Life Program

- Fall/Spring (per semester) Meal Plans
  - Plan A (Full-Meal Plan, 19 Meals/Week + $50 Munch Money) $2,720
  - Plan B (Reduced Meal Plan, 14 Meals/Week + $75 Munch Money) $2,550
  - Plan C (Commuter Plan, 5 Meals/Week + $100 Munch Money) $850
- Fall/Spring (per semester) Room Rates

- Room—All, single occupancy (per semester)* $8,500
  **By special permission only*
- Room--All, double occupancy (per semester) $4,250
- Room--All, triple occupancy (per semester)* $2,950
  ** Founders & Alumni Halls Only*

- Summer Housing Rates (Room Only, no Meal Plan)
  - Paid Fall and Spring
    - All, single occupancy (per semester)* $0
      ** By special permission only*
    - All, double occupancy (per semester) $0
  - Paid Spring Only
    - All, single occupancy (per semester)* $4,250
      ** By special permission only*
    - All, double occupancy (per semester) $2,125

# Fees

- General Services Fee $275
  *(Traditional, Summer only; UG Online/Hybrid, Graduate; per term)*
- Athletic Supplemental Insurance Fee (per Academic Year) *Varies*
- Traditional Nursing Student Nursing Program Fee, Full-Time $3,180
  *(Full-time, per term; Part-time, $200 per credit hour)*
- Accelerated Nursing Student Nursing Program Fee, Full-Time $1,425
  *(Full-time, per term; Part-time, $90 per credit hour)*
- Internship Fees
  - Internship Courses – Summer Term $550
    *(No tuition charged; flat fee assessed)*
- Ministry Internship Fees
  - New site visitation fee $150
    *(Charged to congregations)*
  - Administrative fee $350
    *(Non-refundable deposit charged to congregations)*
- Community Programs
  - Community Learning Opportunity $200
    *(No tuition or general fees; cost per course)*
- Administrative Fees
  - Accounting Fees
    - Late Payment Fee $75-250
    - Returned Payment Fee $50
  - Admissions Fees
    - Application Fee – Undergraduate $25
    - Application Fee - Undergraduate – International $50
    - Application Fee – Graduate $50
  - Graduation Fees
    - Graduation Application Fee
      *(UG Online/Hybrid and Graduate Only)* $150
    - Diploma Replacement $50
  - Security Fees
    - Replacement ID $25
- Course Fees
  - Course By Arrangement $250
  - Independent Study Course $250
  - Study Abroad Administrative Fee $500
  - Prior Learning Assessment Fee $150
    *(Per submitted portfolio for review)*
- Textbook Rental Fee $25
  *(Traditional – Summer only, per credit hour;*
  *UG Online/Hybrid, Graduate; per credit hour)*
  - Textbook Non-Return Fee *Varies*

- EdD Textbook Fee (per term) $282.30

# Deposits

## Commitment Deposit

A non-refundable $275 commitment deposit is required of all new traditional, main campus students; all other programs require a non-refundable deposit of $150. A portion of your deposit will go towards a mandatory orientation fee of $50. The remaining amount will go towards the students' tuition charges.

## Residence Hall Reservation Deposit for Current Concordia Students

A non-refundable reservation deposit of $200 is required of each student planning to live in a residence hall. This $200 is due in full by the published deadline for the relative term. It is applied to the payment of room fees.

# Payment Options

All charges for tuition and fees are due in full 14 days prior to the first day of class. If registration is completed after the normal payment deadline, tuition and fees are due immediately upon registration. Payment may be made either online, by mail or in person at Student Central. Additional charges for special course fees, insurance, etc., may be assessed after registration and are due when charged to the student account.

Students who complete the financial assistance process may apply identified Credits/Anticipated Credits on the Student Schedule/Bill against the total charges; any remaining balance is due and must be paid in full. Eligible students planning to pay charges through the various student aid programs (please refer to the section on Financial Aid) must meet the deadlines required by the Student Financial Services Office. If student aid is not recorded by the due date shown on the Student Schedule/Bill, other payment arrangements must be made.

To satisfy payment requirements for the fall and spring terms, students may request participation in a payment plan program that allows eligible students to make payments in installments. Information regarding this payment plan can be obtained from your Student Support Coordinator. Setup fees are charged for participation in the program.

Payment may be made by cash, check, money order, ACH, American Express, MasterCard, Visa, or Discover. Concordia assumes no responsibility for loss of cash if sent through the mail. Payments made by mail must be received by Concordia on or before their due date. A late charge may be assessed for accounts past due for over thirty (30) days. Further, a student whose account is in arrears may not be able to register for classes, receive transcripts, or recommendations.

# Refunds

Tuition refunds are processed in accordance with the following schedule:

## Traditional/Flat Rate Tuition Programs (Fall, Spring, and Summer Terms)

If the student drops the course(s):

- Within the first week of the term 100%
- Between the second and final week of the term 0%

***NOTE***: Traditional students taking coursework during the summer will follow the refund guidelines for per credit hour tuition programs listed in the next section.

### Hybrid/Online/Graduate or Per Credit Hour Tuition Programs

If the student drops the course(s):

- Within the first week of the term 100%
- Between the second and final week of the term 0%

Students should contact Student Financial Planning for further information or questions about refunds.

### Other Refunds

- Scholarship, grant, and loan funding (student aid) awarded through the Student Financial Services office will be subject to the same prorated formula applied to tuition and fee refunds, unless otherwise stipulated by program requirements. The percentage of tuition, fees, room and board charged the student would be paid; the remainder of the student aid will be returned to the fund from which the award was paid. All students receiving Title IV (federal) student aid are subject to the return of student aid if withdrawing prior to the 60% point of any enrollment period. No refund of assistance will be paid to the student.
- The unused portion of the Meal Plan Fee may be refunded when students discontinue food service during a term. Unused portions of the Food Service Fee at the end of a term will not be refunded.
- Student housing charges for students who leave the dorm during a term will follow the tuition and fees refund schedule listed above.
- Refunds will be made payable to the student, with the exception of PLUS loan refunds which are made payable to the person who incurred the loan debt.
- These provisions apply to all students without respect to the reason for withdrawal or dismissal.

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# International Students

## New Students

### Required Prior to Admission

All students seeking an I-20 leading to an F-1 (student) visa must submit the following in order to be considered for admission:

- A completed and signed Concordia University Texas Application for Admissions for International Students
- A non-refundable application fee of $50.00.
- Other fees may be required as applicable.
- Official transcripts of all credits earned or attempted from each high school and/or college.
    - If the student did not attend high school and/or college in the US, an official evaluation through (WES) or (ECE) of all secondary and/or post-secondary work completed outside of the United States is required.

***NOTE***: High school transcripts are not required for graduate admission.

### Admission Requirements

In addition to program specific criteria, students must meet the following requirements:

- The U.S. equivalent of a high school diploma with a grade point average of at least 2.5 on a 4.0 scale for students entering as first-time freshmen.
- Satisfactory SAT (1440) or ACT (20) scores, if applicable. (Undergraduate only)
- The U.S. equivalent of at least a 2.0 grade point average on college work attempted for students who have attended any higher education institution in or outside the United States.
- Demonstrated proficiency of English. Students can do so in one of the following ways:
    - Citizenship in an English speaking country that include, but are not limited to, Anguilla, Antigua & Barbuda, Australia, the Bahamas, Barbados, Belize, Bermuda, the British Virgin Islands, Canada (excluding French-speaking Quebec), Dominica, the Fiji Islands, the Gambia, Ghana, the Grand Cayman Islands, Grenada, Guyana, Ireland (Republic of Ireland), Jamaica, Kenya, Liberia, Montserrat, Namibia, New Zealand, Nigeria, Saint Kitts and Nevis, Sierra Leone, South Africa, St. Lucia, St. Vincent & the Grenadines, Switzerland, Tanzania, Tobago, Trinidad, the Turks and Caicos Islands, Uganda, the United Kingdom (England, Northern Ireland, Scotland, and Wales), the United States of America (except Puerto Rico), and Zimbabwe.
    - Undergraduate applicants must have at least one year of successful education in the United States. Education must be at the high school level. Graduate applicants must have at least one year of successful English at the collegiate level.
    - Satisfactory scores on one of the following tests:
        - TOEFL – The university encourages students to complete the TOEFL as we are now able to retrieve the official scores electronically from the ETS website
            - Internet-Based TOEFL (IBT): 80
            - Paper-Based TOEFL (PBT): 550
            - Computer-Based TOEFL (CBT): 213
        - IELTS
            - Undergraduate: 5.5
            - Graduate: 6.5
        - Pearson Test of English
            - Score: 64
        - The Duolingo Language Test
            - Undergraduate: 105
            - Graduate: 120

          ***NOTE***: The scores are only valid for two years from the given test date. Students are required to provide an official copy (in a sealed envelope) of the test (with the exception of TOEFL, which can be accessed through their official portal).

## Required Prior to Issuance of an I-20

All students must submit the following before Concordia will issue an I-20:

- Written proof of financial support for one school year in the United States. All international students are required to show proof that they can cover all related costs for one year. Costs include Tuition/fees, books and supplies, room and board, personal expenses, health insurance, and additional costs for spouse and dependents. Financial support documentation must be submitted as original bank/financial statements in English and in US dollars issued within the last 90 days.
- Copy of valid Passport.

## Current International Student Information

- F-1 students are required to provide a copy of their passport and visa to the DSO during the first week of classes.
- F-1 students are required by United States Citizenship and Immigration Services (USCIS) to take a full course load, in accordance with their program. Dropping below a full course load may put the student out of status with USCIS. International students should talk with a DSO before dropping below a full course load.
- International students in search of employment and internship opportunities either on campus or off campus should consult with a DSO to determine employment eligibility.

- All F-1 students are required to obtain health insurance through the duration of their program. Students will be registered through the Institution's 3rd party provider. To go through an outside provider, students must contact their DSO and provide proof of insurance.

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# Intercollegiate Sports and Athletics

## Intercollegiate Athletics

Concordia is affiliated with the National Collegiate Athletic Association (NCAA) Division III and with the Southern Collegiate Athletic Conference. Concordia currently participates in men's and women's basketball, golf, soccer, tennis, cross country, and track and field, as well as men's baseball, and women's softball and volleyball.

## NCAA Athletic Eligibility

The athletic program is available to all traditional, full-time, qualified students who are in good standing with the university and who are in compliance with the NCAA and Concordia University academic eligibility requirements indicated below. Concordia athletes compete in men's and women's basketball, cross country, golf, soccer, tennis, track and field, men's baseball, and women's softball and volleyball.

The Faculty Athletic Representative, the NCAA Compliance Officer, the Athletic Director and the AVP of Information Systems & Compliance are charged with the responsibility of ensuring that all participants in intercollegiate athletics are eligible in accordance with the rules and regulations of the NCAA prior to their representing the institution in any manner.

In order to remain eligible to participate in NCAA intercollegiate athletics, student-athletes must:

- Demonstrate satisfactory progress toward a recognized baccalaureate or graduate degree
- Meet Concordia's Standards of Academic Progress requirements
- Remain in "Good Standing" academically
- Must carry a minimum of 12 credit hours to practice or compete.

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# Student Services

Student Services staff members seek to support the mission of Concordia University Texas by intentionally building relationships among students, faculty and staff to enhance a sense of community as well as facilitating holistic growth and development among all students. For more specific information about Student Services, please refer to the University's website.

## Career Services

Career Services provides career services and career advising to students and alumni. Career Services helps with career planning, professional coaching and assessment, internships, and job search planning and preparation.

Career advisors interpret assessment tools such as Gallup StrengthsFinder and Focus 2, coach students through the job and internship search, host career exploration events, and oversee the internship program.

For more information and to schedule an appointment visit Concordia.edu/careerservices.

## DegreeWorks

DegreeWorks is a comprehensive academic advising, transfer articulation, and degree audit solution that aligns students, advisors, and institutions to a common goal: helping students graduate on time. DegreeWorks is found in MyInfo under the Student tab. If you are under a catalog earlier than 2013, you are not eligible to use DegreeWorks. Instead, you can request a manual audit through Student Central.

## Library

Concordia University Texas Library and Research Center, located on the lower level of Building F on the main campus, provides access to approximately 250,000 eBooks, as well as a small in-house collection of print books, periodicals, and DVDs. The library subscribes to more than 160 academic databases with access to hundreds of thousands of online journals, many in full-text format. Our website (www.concordia.edu/library) offers both on-campus and off-campus users access to all our online offerings. The library website also provides online research guides and tutorials to assist users during all stages of their research. For personalized research help, students can contact library staff -- by phone at (512) 313-5050, by email at library@concordia.edu, or by coming in-person to the library. Additionally, students have 24/7 access to librarian support via chat.

The library space has several study and seating options, including several study rooms with white boards and blackboards for individual and group use.

For items not held in our collection, the library offers Interlibrary Loan, by which patrons can have materials sent to this library from other participating libraries. CTX Library is also a member of the state's TexShare card program, which allows our patrons to receive a card to directly access, and in some cases even check out, materials when they visit most academic and public libraries across Texas.

## Academic Support Center

Successfully reaching your educational goals can be stressful at times. When you need assistance whether it be for academic support or accommodations for students with disabilities, the Academic Support Center is available to help you.

### Services for Students with Disabilities

Concordia University Texas provides reasonable accommodations for students with disabilities according to federal guidelines. Students desiring accommodations are encouraged to register with the Academic Support Center.
https://www.concordia.edu/resources/academic-support-center/services-for-students-with-disabilities/

### Peer Tutoring

Peer tutoring is provided both in person and online for students. Students can schedule appointments with tutors on the Concordia website.
https://www.concordia.edu/resources/academic-support-center/peer-tutoring/

### Tutor.com

24/7 online tutoring is provided in many subjects for CTX students. More information about Tutor.com can be found on the Concordia website.
https://www.concordia.edu/resources/academic-support-center/tutorcom.html

### Writing Center

Located in Cedel Hall room C-207, the writing center provides writing support to any student on campus. Staffed by master level or higher professionals, students can bring any assignment to the writing center for writing support.

### Math Center

Located in Cedel Hall room C-202, the math center provides math assistance to CTX students. Staffed by peer tutors, students can bring their math problems and questions to the math center and get math help.

### Speaking Center

Located in Cedel Hall room C-207, the speaking center is a communication resource for all CTX students offering coaching for all forms of oral communication including public speaking, panel presentations, group presentations and interviewing.

## Student Academic Planners

Student Academic Planners partner with faculty members to help students move along in degree progression. Student Academic Planners help facilitate several academic processes such as petitions, Study Abroad, internships, and building degree plans. Each Student Academic Planner is assigned specific majors to work with and serve populations in both undergraduate and graduate programs.

## Student Financial Planners

Student Financial Planners serve as financial aid advisors and accounts receivables representatives. They ensure students take care of financial aid requirements (including VA assistance) and pay their bill. They also strive to increase student financial literacy and can provide additional resources. They serve all populations in both undergraduate and graduate programs.

## Mental Health

The Counseling Center is committed to helping students succeed and benefit from their experience at Concordia. This may include helping you with managing your stress, coping with difficult emotions, becoming more effective in your relationships with others, or resolving past hurts. CTX Counseling Services offers the following to students:

- Brief individual counseling
- Couples/relationship counseling
- Personal social adjustment counseling
- Referral sources & resources
- Brief depression anxiety assessments
- Alcohol substance use inventory/intervention
- Consultation regarding concerns for peers

Visit the website at Concordia.edu/resources/counseling-services for more details.

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# University Information

Concordia Academy opened in 1926 to train young men for ministry in the Lutheran Church. The junior college department, added in 1951, became coeducational in 1955. Concordia received authorization to proceed with the implementation of a four-year liberal arts program in 1979 and its first B.A. students graduated in May 1982. In July 1995, Concordia moved from college status to university status. During the summer of 2007, Concordia University at Austin became Concordia University Texas. In July 2008, Concordia University Texas closed its doors for the last time at its 3400 Interstate Highway 35 North location and threw open the doors of its new campus at 11400 Concordia University Drive in northwest Austin. Building on the eighty-plus-year history of this wonderful institution, this change is the culmination of many hours of dedicated prayer, discussion, and planning, moving Concordia forward in its continuing mission of developing Christian leaders.

Currently, Concordia confers the following degrees: the Bachelor of Arts, the Bachelor of Applied Arts and Sciences, the Bachelor of Business Administration, the Bachelor of Science, the Bachelor of Science in Nursing, the Master of Business Administration, Master of Education, and the Doctor of Education degree.

Concordia serves its diverse student body through a variety of programs and modalities, including evening and online courses. The Community Learners Program provides educational opportunities for members of the local community who are not seeking academic credit. Concordia supports Veterans Administration Benefit programs including the Yellow Ribbon Program.

## Mission, Vision, Values

Our Mission: Concordia University Texas empowers students of all backgrounds to lead lives of critical thought, compassionate action and courageous leadership. As a liberal arts university rooted in the Lutheran tradition and aligned with the Lutheran Church-Missouri Synod, Concordia develops the mind, heart, soul, and body, preparing leaders for lives of service.

Our Vision: We are the premier university where the adventure of faith, learning, and life-changing experiences leads to meaningful work.

Our Core Values:

- Christ-Centered
- Caring for People
- Vocation
- Life-Long Learning
- Trust
- Courage

## Location

Concordia is located on a tree-shaded, 389-acre campus in the northwest corner of Austin, Texas. Located in the Texas Hill Country, Austin is an educational and cultural center, providing many opportunities for enrichment. Concordia's main campus site includes 250 acres of nature preserve, with wetlands, caves, dense tree cover and a habitat for the Golden-Cheeked Warbler. Concordia University Texas is one of a few universities in the U.S. to hold a Fish and Wildlife 10A permit. With this, the University will play a leadership

role in urban environmental studies and offer students the rare opportunity to study environmental management and stewardship.

## Worship

Faith in Jesus Christ as Savior and Lord is the integrating factor in the curriculum at Concordia University Texas. The main campus community is invited to attend Chapel throughout the week for worship. Students organize additional worship experiences and the chapel is open during the day for private meditation. Students are encouraged to participate actively in the worship life on campus and in one of the Austin area churches.

## Accreditation

Concordia University Texas is accredited by The Commission on Colleges and Universities (SACSCOC) to award associate, bachelor, and master degrees, along with the Doctorate in Education (Ed.D). Concordia University Texas also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Concordia University Texas may be directed in writing to The Commission on Colleges and Universities (SACSCOC) at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404-679-4500, or by using information available on The Commission's website (www.sacscoc.org).

Concordia's Bachelor of Business Administration and Master of Business Administration degrees, in the College of Business and Communication, are accredited by the Accreditation Council for Business Schools and Programs (ACBSP). Contact the ACBSP at 8101 College Blvd #100, Overland Park, KS 66210, or call 913-339-9356 for questions about the accreditation of Concordia University Texas' Bachelor of Business Administration and Master of Business Administration degrees.

Concordia's elementary and secondary teacher education programs are approved by the Texas Education Agency (TEA) for pre-school through grade 12. Students successfully completing Concordia's teacher education programs are eligible to be recommended for teacher certification in Texas in either a Traditional Certification Pathway or an Enhanced Teacher Residency Certification Pathway.

The Bachelor of Science in Nursing (BSN) program is approved by the Texas Board of Nursing, allowing program graduates to take NCLEX-RN, the licensing exam for registered nurses. The Bachelor of Science in Nursing program at Concordia University Texas is accredited by the Commission on Collegiate Nursing Education (One Dupont Circle, NW, Suite 530, Washington, DC 20036; 201-887-6791).

## Legal Notices

This catalog is a general information publication only. It is not intended to, nor does it contain all applicable policies and/or regulations that relate to students. All students are advised to thoroughly review the University's Student Handbook, Academic Catalog, website and official communications via email, printed letter of other forms, for a complete description of all rights and responsibilities under University policy, as well as state and federal law. The provisions of this catalog do not constitute a contract, expressed or implied, between any applicant, student or faculty member and Concordia University Texas. The University reserves the right to withdraw courses at any time and to change fees, rules, policies, calendar, curriculum, degree programs, degree requirements, graduation procedures and any other requirements affecting students. Changes may occur without notice and will be immediately effective, unless otherwise specified, and will apply to both prospective students and those already enrolled. When changes are made, updated information can be found on the Concordia website at www.concordia.edu. Concordia University Texas reserves the right not to teach any course listed in the catalog or its published schedules if enrollment does not warrant offering it or if other circumstances dictate its withdrawal.

## Non-Discrimination

Concordia University Texas complies with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments Act of 1972, Section 504 of the Rehabilitation Act of 1973, and The Age Discrimination Act of 1975. Concordia University Texas does not exclude, expel, limit, or otherwise discriminate against an individual seeking admission as a student or an individual enrolled as a student in the terms, conditions and privileges of Concordia University Texas because of disability, sex, age, race, color, religion, national or ethnic origin, or status as a veteran.

Concordia University Texas, in compliance with Section 504 of the Rehabilitation Act of 1973, does not discriminate on the basis of disabilities in admission or access to its programs. The Director of Accessibility Services is the Disability Coordinator and Section 504 compliance officer. Any person who has a question about discrimination with respect to a disabling condition should address the inquiry to the Director of Accessibility Services. Students who believe they have been discriminated against may institute an internal Grievance Procedure for Disability Complaints to resolve their complaints. For more information, please visit our website.

## Discrimination and Harassment Prevention

Concordia University Texas is committed to maintaining a learning and working environment free from discrimination and harassment. The institutional guidelines on discrimination and harassment, including definitions, complaint and reporting procedures, and prohibitions are addressed within the current University Policy which should be reviewed by all faculty, staff, and students.

## Campus Security

As required by the Jeanne Clery Campus Security Act, Concordia University Texas maintains statistics for the previous three years regarding criminal offenses that have occurred on campus; in certain off-campus buildings or property owned or controlled by Concordia University Texas; and on public property within, or immediately adjacent to and accessible from, the campus. The Annual Campus Security Report includes current information about the CTXPD policies, campus crime statistics, crime prevention information, crime reporting procedures and contact information. The Report also includes information related to the CTX policies regarding sexual assault offenses, missing student notification procedures, liquor law and drug violations, hate crimes, emergency response and evacuation procedures and fire safety procedures and statistics. This information can be obtained by calling the Concordia University Texas Police Department during business hours or by accessing our website.

## Equity in Athletics

As required by the Equity in Athletics Disclosure Act (EADA), The Report on Athletic Program Participation Rates and Financial Support Data is intended to make prospective and current students aware of Concordia University Texas' commitment to providing equitable athletic opportunities for its men and women students. This report contains participation rates, financial support, and other information on men's and women's intercollegiate athletic programs. For further information, contact the Director of Athletics during business hours or access the following website: https://ope.ed.gov/athletics/

## Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act of 1974 (FERPA), as amended, is a Federal law which states (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students be made available. The law provides that the institution will maintain

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

Concordia University Texas accords all the rights under the law to all eligible students. No one outside the institution shall have access to, nor will the institution disclose any information from, students' education records without the written consent of students except to:

- Personnel within the institution who have a valid educational interest
- Officials of other institutions in which students seek to enroll
- Persons or organizations providing financial aid
- Accrediting agencies carrying out their accreditation function
- Parents of dependent students. The parent must present documentation that the student is a dependent for income tax purposes by claiming the student on their income tax form; the parent must renew the request annually to show that the student is still a dependent for income tax purposes
- Persons in compliance with a judicial order
- In an emergency in order to protect the health or safety of students or other persons

All these exceptions are permitted under the Act.

Within the Concordia University Texas community, the following offices' staff and faculty, individually or collectively, acting in the student's educational interest is allowed access to student education records:

- Academic Operations
- Financial Aid
- Admissions
- Accounting
- Chief Academic Officer/Provost
- Placement Advisors
- Academic Advisors
- NCAA Athletic Certification Official(s)
- Coaches
- Legal Counsel
- Other administrative personnel within the limitations of their need to know.

## Inspect and Review

The law provides students with the right to inspect and review information contained in their educational records, to challenge the contents of their educational records, to have a hearing if the outcome of the

challenge is unsatisfactory, and to submit explanatory statements for inclusion in their files if they feel the decisions of the hearing panels to be unacceptable. The AVP of Information Systems & Compliance at Concordia University Texas has been designated by the institution to coordinate the inspection and review procedures for student educational records, which include admission, personal, academic, and financial files, cooperative education, and placement records. Students wishing to review their educational records must make written requests to the Office of Academic Operations listing the item or items of interest. Copies of the policy detailing the procedures to be used by Concordia University Texas for compliance with the provisions of the Act can be found in the Office of Academic Operations.

## Directory Information

Directory information is that information which may be made public without the written consent of the student. Such information may be disclosed by the institution for any purpose, at its discretion. Concordia University Texas hereby designates the following student information as Directory Information:

- Name
- E-mail address
- Local Address
- Local phone number
- Dates of attendance
- Classification
- Major Field of study
- Previous institution(s) attended
- Awards, honors (incl. Honors list)
- Expected date of graduation
- Degree(s) conferred with date(s)
- Photographs
- Past and present participation in officially recognized sports and activities
- Physical factors of athletes (height, weight)

Currently enrolled students may withhold disclosure of directory information. To withhold disclosure, written notification must be received in the Office of Academic Operations prior to the ninth-class day of any regular term. Forms requesting the withholding of Directory Information are available in the Office of Academic Operations. Request for non-disclosure will be honored by the institution until the student takes action in writing to revoke the request. Before taking this action, students are strongly encouraged to talk with the AVP of Information Systems & Compliance, as implementation of this block results in far-reaching consequences.

Concordia University Texas assumes that failure on the part of any student to specifically request the withholding of Directory Information indicates individual approval for disclosure.
The Family Educational Rights and Privacy Act ("FERPA") permits universities to notify the parents or guardians of students under 21 of alcohol and other drug violations which result in a determination that the student has committed a disciplinary violation. This exception to the privacy rights of students was enacted because of the health and safety consequences of alcohol and other drug abuse.

Concordia University Texas believes that parents share the University's concern for their students' health, safety, and academic progress. Therefore, Concordia University Texas may notify parent(s) or legal guardian(s) of any student under the age of 21 found responsible for a violation of any federal, state, and/or local law or University policy regarding alcohol and/or controlled substances or other dangerous drugs.

Students have the right to file complaints with the Department of Education concerning alleged failures by institutions to comply with the Family Education Rights and Privacy Act. Written complaints should be directed to: The Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C., 20202-5920.

## The Solomon Amendment

The Solomon Amendment is a federal law that allows military recruiters to access some address, biographical and academic program information on students age 17 and older.

The Department of Education has determined the Solomon Amendment supersedes most elements of FERPA. An institution is therefore obligated to release data included in the list of "student recruiting infor-mation," which may or may not match the FERPA directory information list. However, if the student has submitted a request to the University Office of Academic Operations to restrict the release of his/her Directory Information, then no information from the student's education record will be released under the Solomon Amendment.

*Definition ("Student Recruitment Information" or "Solomon Information"):*

- Name
- Address (home and mailing)
- Telephone (home and mailing)
- E-mail (University-issued account, if available)
- Age
- Place of birth
- Level of education
- Academic major
- Degrees received
- Educational institution in which the student was most recently enrolled

*Procedure for releasing information to military recruiter:*

Under the Solomon amendment, information will be released for military recruitment purposes only. Military recruiters may request student recruitment information once each term or semester for each of the 12 eligible units within the five branches of the service listed below:

- Army: Army, Army Reserve, Army National Guard
- Navy: Navy, Navy Reserve
- Marine Corps: Marine Corps, Marine Corps Reserve
- Air Force: Air Force, Air Force Reserve, Air Force National Guard
- Coast Guard: Coast Guard, Coast Guard Reserve

The request should be submitted in writing on letterhead clearly identifying the unit of service requesting the student recruitment information. The request should specify whether the information needed is for the current or previous semester.

# Student Records

Concordia University Texas abides by the policies found in the Family Education Rights and Privacy Act of 1974 (FERPA), which provides eligible students a right of access to educational records that contain information directly related to them. FERPA also restricts access to student records by third parties; disclosure of student educational records is not permitted unless the student consents to the disclosure or unless otherwise authorized by law. In particular, disclosures are permitted without consent of the student when the disclosure is to a University official who has a legitimate educational reason to receive the information and when the disclosure is in response to a subpoena, court order, or health or safety emergency. FERPA also permits the University to release certain information known as "directory information." For more detailed information about student rights under FERPA, including the University's definition of directory information, access the University's website.

## Transcripts from Other Institutions

Student transcripts from previously-attended institutions that were provided for admissions consideration become the property of Concordia University Texas (CTX) and are considered official only at the time of receipt. CTX does not provide copies of transcripts from other institutions that are part of a student's education record. In order to obtain accurate up-to-date information and assure that protocols of the issuing

institution are not circumvented, a student must contact the originating college/university for a copy of that transcript.

## Hazing

Concordia University Texas fully supports and abides by Texas Education Code §§ 37.156 & 51.936 which prohibit and criminalize hazing in post-secondary institutions of education. Hazing is defined as any intentional, knowing, or reckless act, occurring on or off the campus of an educational institution, by one person alone or acting with others, directed against a student, that endangers the mental or physical health or safety of a student for the purpose of pledging, being initiated into, affiliating with, holding office in, or maintaining membership in any organization whose members are or include students at an educational institution. A person can commit a hazing offense not only by engaging in a hazing activity, but also by soliciting, directing, encouraging, aiding or attempting to aid another in hazing; by intentionally, knowingly, or recklessly allowing hazing to occur; or by failing to report, in writing to the Dean of Students or another appropriate official of the institution, first-hand knowledge that a hazing incident is planned or has occurred. The fact that a person consented to or acquiesced in a hazing activity is not a defense to prosecution for hazing under this law. Hazing can subject a person to criminal charges ranging from a Class B misdemeanor to State Jail Felony.

## Use of Alcohol and Controlled Substances

Concordia University Texas strictly adheres to all local, state, and federal laws regarding the distribution and consumption of alcohol. The University expects its students to maintain an environment that is safe and healthy. The unlawful possession, use, or distribution of illicit drugs and alcohol by students on University property or as a part of any University activity are violations of University rules as well as the law. Possession, use, or distribution of certain non-prescription drugs, including marijuana, amphetamines, heroin, cocaine, and non-prescription synthetics; procurement or distribution of alcohol by anyone under 21 years of age; and provision of alcohol to anyone under 21 years of age are violations of the law and of University policy. All students are expected to comply with any University rules governing possession or serving alcohol. Additional information is available in the Student Handbook regarding the University's drug and alcohol policies.

## Complaints

Concordia University Texas is accredited by The Commission on Colleges and Universities (SACSCOC) to award associate, bachelor, and master degrees, along with the Doctorate in Education (Ed.D). Concordia University Texas also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Concordia University Texas may be directed in writing to The Commission on Colleges and Universities (SACSCOC) at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404-679-4500, or by using information available on The Commission's website (www.sacscoc.org).

Complaints against the institution from students, faculty, staff, or other interested parties in any area may be submitted in writing to the Vice President of Academics. Within thirty days, the Vice President of Academics will review the complaint, investigate it thoroughly, explore all available avenues, and respond in writing. All procedures expressed in this paragraph and elsewhere will be followed or, in those cases where other university officials must address the complaint, the Vice President of Academics will guide the process through the appropriate procedures. In all cases, the Vice President of Academics will supervise the process in order to bring it to a responsible conclusion.

Concordia University Texas also offers students opportunities to express their complaints about various processes according to established procedures. The appropriate personnel at Concordia will help students

through the resolution process in accord with the Christian principles that are laid out in our Mission Statement.

Complaint procedures regarding the following areas are specified in the Student Handbook, as well as the website:

- Faculty Member
- Harassment
- Security Matters
- Food Service
- Residential Life

Complaints not resolved by the procedures contained in the Student Handbook may be submitted for final resolution to the President of Concordia University Texas.

**Texas Residents:** Students may file complaints with the Texas Higher Education Coordinating Board (THECB). More information, including eligibility requirements and the complaint process, may be found on their website.

**Out-of-State/Distance Education Students:** As a member of the National Council for State Authorization Reciprocity Agreements (NC-SARA), CTX participates in a streamlined process for addressing complaints from students residing in SARA member states. Applicable students may find information about filing a complaint through NC-SARA on their website. Please note that there is a specific NC-SARA complaint process available for eligible students. CTX encourages their review of the information provided on the NC-SARA website to determine if this process applies to their situation.

## Alumni

The CTX Alumni Association provides graduates the means to remain connected to fellow graduates, faculty, staff, and university resources in order to support them in their chosen vocation and the University in its mission to develop Christian leaders. Examples include monthly updates via the Alumni Newsletter, quarterly print and E-Magazine content, one-to-one and group meetings, and biannual celebrations on campus.

The CTX Alumni Association is also on social media. Feel free to interact with us through:

- Facebook: CTX Alumni
- Twitter: CTX Alumni
- LinkedIn: Concordia University Texas – Alumni
- Website: https://alumni.concordia.edu
- E-mail: alumni@concordia.edu
- Phone: 512-313-4321

## Memberships

Concordia is a member of the Independent Colleges and Universities of Texas, the Association of Texas Colleges and Universities, the American Association of Colleges for Teacher Education, the Association of Independent Liberal Arts Colleges for Teacher Education, the Texas Association of Colleges for Teacher Education, the Association of Lutheran College Faculties, and the International Assembly for Collegiate Business Education.

# Governance

## Board of Regents, Concordia University Texas

Dr. Michelle Abrego, Harlingen, TX
Dr. Sandra Doering, New Braunfels, TX
Rev. Lonnie Gonzales, Houston, TX
Rev. Steve Henze, Spring, TX
Mr. Scott Linebrink, Walburg, TX
Dr. Dallas Lusk, Houston, TX
Mr. David Meade, Bedford, TX
Mr. Jeff Richie, Houston, TX
Ms. Angie Schiller, Austin, TX
Mrs. Sylvia Schmidt, Houston, TX
Rev. Stan Seat, Mansfield, TX
Rev. Dr. Stephen Sohns, Spring, TX (Chair)
Mr. Lance Thompson, Houston, TX
Ms. Betty Voshage, Austin, TX

## Concordia University Texas Leadership Team

Kristi D. Kirk, Ph.D., *President & Chief Executive Officer*
Cindy Melendez, Ph.D., *Chief of Staff*
Elaina Jackson, Ph. D., *Vice President of Enrollment, Marketing, and Communications*
KC Pospisil, Ph.D., *Provost, Vice President of Academics and Administration*

## College/School Directors

Amber Shammas, Ph.D. - *College of Health Sciences, Senior Director*
Angela Clements - *College of Business and Communication, Director*
Stephanie Hartzell, Ph.D. - *College of Education, Senior Director*
Whitney Crowley, Ed.D. – *School of Fine Arts, School Director*
Mary Kay Johnston, Ph.D. - *School of Natural and Applied Sciences, School Director*
Ann Schwartz, Ph.D. - *School of Humanities and Social Sciences, School Director*
Grant Carey, D.Min. - *School of Ministry, School Director*

## Faculty

*Matthew D. Bloom (Professor, History)*
Heidelberg College, Tiffin, OH, B.S., 2003; Bowling Green State University, Bowling Green, OH, M.A., 2005; Ph.D., 2009.
At Concordia since 2010.

*Brent A. Burgess (Professor, Political Science)*
West Texas A&M University, Canyon, TX, B.S. Political Science, B.S.. 2001; West Texas A&M University, Canyon, TX M.A., 2005; University of Arkansas, Fayetteville, AR, Ph.D., 2008.
At Concordia since 2011.

*Prairie Burgess (Associate Professor, Leadership)*
West Texas A&M University, Canyon, TX, B.A., 2000; West Texas A&M University, Canyon, TX, M.A., 2003; University of Arkansas, Fayetteville, AR, Ed.D.
At Concordia since 2017.

*Grant E. Carey (Professor, Religious Education,* Assistant Director, DCE Program)

Concordia University, Irvine, CA, B.A., 2001; Fuller Theological Seminary, Pasadena, CA, M.A., 2007; George Fox University, Portland, OR, D.Min., 2014.
At Concordia since 2012.

*Nickles I. Chittester (Professor, Psychology)*
Arizona State University West, Phoenix, AZ, B.A., 1999; Washington State University, Pullman, WA, M.S., 2003; University of Florida, Gainesville, FL, Ph.D., 2007.
At Concordia since 2007.

*Angela Clements (Instructor, Management HR)*
Avila University, Kansas City, MO, B.S., 1995; Central Michigan University, Mt. Pleasant, MI, M.S., 1999.
At Concordia since 2015.

*Gregory Coleman (Assistant Professor, English)*
Holy Names University, Oakland, CA, B.A., 2006; Mills College, Oakland, CA, M.A., 2009; University of Massachusetts, Amherst, MA, Ph.D., 2019.
At Concordia since 2019.

*Whitney Crowley (Assistant Professor, Music)*
Vanderbilt University, Nashville, TN, B.M., 1995; The University of Texas at Austin, Austin, TX, M.Mus., 2002; Concordia University Texas, Austin, TX, EdD, 2022.
At Concordia since 2022.

*Carlos Daniel (Assistant Professor, Kinesiology)*
California University of Pennsylvania, California, PA, M.S., 2010; Concordia University Chicago, Chicago, IL., Ph.D, 2020.
At Concordia since 2022.

*Katina Duffey (Instructor, Kinesiology)*
University of Texas at Arlington, Arlington, TX., B.A.; Concordia University Texas, Austin, TX, M.Ed., 2018.
At Concordia since 2021.

*Lori Einfalt (Associate Professor, Education)*
Purdue University, West Lafayette, IN, B.A., 1982; The University of Texas, Austin, TX, M.Ed., 1989; The University of Texas, Ph.D., 2002.
At Concordia since 2007.

*Christopher Fitzgerald (Associate Professor, Art)*
Western Washington University, Bellingham, WA, B.A., 1999; Yale University School of Art, New Haven, CT, 2008; The Pennsylvania State University, State College, PA, M.F.A., 2012.
At Concordia since 2013.

*Roxanne Flores (Instructor, Nursing)*
University of Texas, Austin, TX, B.S., 2014; Concordia University Texas, Austin, TX, M.S.N., 2016.
At Concordia since 2024.

*Bindu George (Assistant Professor, Computer Science)*
University of Texas, El Paso, TX, M.S., 2006; Capella University, Dallas, TX, Ph.D., 2018.
At Concordia since 2021.

*Curtis P. Giese (Professor, Theology)*
Concordia College, St. Paul, MN, B.A., 1984. Concordia Seminary, St. Louis, MO, M.Div., 1989; S.T.M., 1990. Hebrew Union College-Jewish Institute of Religion, Cincinnati, OH, M.Phil., 1994; Ph.D., 1999.
At Concordia since 2004.

*Erik W. Green (Professor, Communication)*
Central Michigan University, Mt. Pleasant, MI, B.A., 2002, M.A., 2004, University of Texas, Austin, TX, Ph.D. 2012.
At Concordia since 2011.

*Christina Hamilton (Associate Professor, Mathematics)*

Louisiana State University, Shreveport, LA, B.S., 2003, University of Texas at Brownsville, Brownsville, TX, M.Ed., 2008, University of North Texas, Denton, TX, Ph.D., 2013.

*Stephanie Hartzell (Associate Professor, Education)*
Utah State University, Logan, UT, B.S., 1999; University of Nevada, Las Vegas, NV, M.B.A., 2001; University of Nevada, Las Vegas, NV, Ph.D., 2012.
At Concordia since 2018.

*Alexandra R. Herron (Assistant Professor, English; Senior Director, Online and Digital Learning)*
Gonzaga University, Spokane, WA, B.A., 2007; National University, La Jolla, CA, M.S., 2011, M.A., 2013; Creighton University, Omaha, NE, Ed.D., 2015.
At Concordia since 2012.

*Jennifer Hofmann (Associate Professor, Biology)*
Concordia University, Portland, OR, B.A., 2001; University of California, Los Angeles, CA, Ph.D., 2009.
At Concordia since 2015.

*Todd Hostager (Professor, Management)*
St. Olaf College, Northfield, MN, B.A., 1981; University of Minnesota, Minneapolis, MN, Ph.D., 1992.
At Concordia since 2018.

*Mary Kay Johnston (Professor, Biology)*
University of Oklahoma, Norman, OK, B.S., 2000; M.S., 2004; The University of Texas at Austin, Austin, TX, Ph.D., 2011.
At Concordia since 2011.

*Kristi D. Kirk (Assistant Professor; President & Chief Executive Officer)*
Concordia University at Austin, Austin, TX, B.A., 1995; The University of Texas, Austin, TX, M.A., 2000; Capella University, Minneapolis, MN, Ph.D. 2013.
At Concordia 1993-98, and since 2000.

*Giannina Lawhon (Instructor, Nursing)*
University of San Martin de Porres, Lima, Peru, B.S., 1997; Concordia University Texas, Austin, TX, M.S.N., 2019; Texas A&M Corpus Christi, Corpus Christi, TX, M.B.A., 2019.
At Concordia since 2024.

*Michael Maguire (Associate Professor, Chemistry)*
University of Leeds, Leeds, West Yorkshire, England, B.S., 1986; University of Sussex, Falmer, Sussex, England, Ph.D., 1992; Wayne State University, Detroit, MI, M.B.A., 2008.
At Concordia since 2014.

*Jim Marriott (Associate Professor, Music)*
Concordia University Nebraska, Seward, NE, B.M., 2004; Concordia University Mequon, Mequon, WI, Master of Church Music, 2008; Garrett-Evangelical Theological Seminary, Evanston, IL, Ph.D., 2017.
At Concordia since 2022.

*Michael A. Moyer (Professor, Biology)*
Carthage College, Kenosha, WI, B.A., 1981; University of South Florida, Tampa, FL, Ph.D., 1997.
At Concordia since 1998.

*Kendra Myers (Instructor, Nursing)*
University of Texas, Austin, TX, B.S.N., 1992; University of South Alabama, Mobile, AL, M.S.N., 1998.
At Concordia since 2024.

*KC Pospisil (Assistant Professor, Education; Provost, Vice President of Academics and Administration)*
McMurry University, Abilene, TX, B.A., 2005; Concordia University, Austin, TX, MBA, 2012; Arizona State University, Phoenix, AZ, Ed.D., 2020.
At Concordia since 2009.

*John Putnam (Assistant Professor, Business)*

Ottawa University, Ottawa, KS, M.B.A., 2014. National University, San Diego, CA, M.A., 2024, D.B.A., 2018.
At Concordia since 2025.

*Bruce Reese (Associate Professor, Criminal Justice)*
Tufts University, Medford, MA, B.A., 2002; Boston University, Boston, MA, M.A., 2006; Texas A&M University, College Station, TX, Ph.D., 2018.
At Concordia since 2018.

*Greg Rhodes (Instructor, Nursing)*
Baylor University, Waco, TX, B.A., 1993; University of Texas at Tyler, Tyler, TX, B.S.N., 2011; Walden University, Minneapolis, MN, M.S.N., 2018.
At Concordia since 2024.

*Amy Roedl (Instructor, Nursing)*
Concordia University Texas, Austin, TX, B.S., 2019; Concordia University Texas, Austin, TX, M.S., 2020.
At Concordia since 2022.

*India Sample (Instructor, Nursing)*
University of Texas at Arlington, Arlington, TX, B.S., 2014; University of Texas at Arlington, Arlington, TX, M.S., 2017.
At Concordia since 2021.

*Ann Schwartz (Professor, Sociology; School Director, School of Humanities and Social Sciences)*
Trinity University, San Antonio, TX, B.A., 1992. University of Arizona, Tucson, AZ, M.A., 1996. University of Texas at Austin, Austin, TX., Ph.D., 2005.
At Concordia since 1996.

*Sarah Senn (Instructor, Nursing)*
Texas Woman's University, Denton, TX, B.S., 2008; Texas Tech University Health Sciences Center, Lubbock, TX, M.S., 2017.
At Concordia since 2023.

*Amber Shammas (Associate Professor, Nursing; Senior Director, College of Health Sciences)*
University of Texas, Austin, TX, B.S. 2001; M.S. 2005; Ph.D. 2016.
At Concordia since 2013.

*Elena Skouratova (Associate Professor, Finance)*
Yakutsk State University Financial Economic Institute, Russia, B.B.A., 1997; University of Alaska, Fairbanks, M.B.A., 2002; University of Texas, San Antonio, TX, Ph.D. 2012.
At Concordia since 2012.

*Kristin Spindler (Assistant Professor, Entrepreneurship)*
Duke University, Durham, NC, B.A., 1989; The University of Texas, Austin, TX, M.B.A., 1994.
At Concordia since 2017.

*Julie Strihan (Instructor, Education)*
Trinity University, San Antonio, TX, B.A., 2000, M.A., 2001.
At Concordia since 2013.

*Jeffrey C. Utzinger (Associate Professor, English)*
Concordia University Texas, Austin, TX, B.A., 1992; Texas State University, San Marcos, TX, M.F.A., 1995.
At Concordia 1998-2001, and since 2013.

*Tonya Ward (Instructor, Nursing; Director, Undergraduate Nursing Program)*
Concordia University Texas, Austin, TX, B.A., 2008; Concordia University Texas, Austin, TX, B.S.N., 2013; Concordia University Texas, Austin, TX, M.S.N., 2017.
At Concordia since 2020.

*Corinne Weisgerber (Professor, Communications)*

Miami University, Oxford, OH, B.A., 1997; The Pennsylvania State University, M.A., 1999; Penn State University, University Park, PA, Ph.D., 2002.
At Concordia since 2018.

*Samuel C. Whitehead (Associate Professor, Environmental Science)*
Texas Tech University, Lubbock, TX, B.S., 2000; M.S., 2002; Ph.D., 2012.
At Concordia since 2012.

*Monica Yndo (Associate Professor, Psychology)*
The University of Texas, San Antonio, TX, B.A., 2011; The University of Texas, San Antonio, TX, M.S., 2013; The University of Texas, San Antonio, TX, Ph.D., 2018.
At Concordia since 2018.

*Jacob L. Youmans (Professor, Religious Education)*
Concordia University, Irvine, CA, B.A., 1997; Concordia University, Seward, NE, M.S., 2003; George Fox University, Newberg, OR, D.Min., 2009.
At Concordia since 2009.

## Faculty Emeriti

Joanne Antrim, B.S., M.Ed., PhD. (Education) At Concordia 2008-2025.
Thomas E. Cedel, B.S., Ph.D. (President; Biology) At Concordia 2002 – 2014.
Donald Christian, B.S.Ed., M.M., D.M. (President; Business) At Concordia 2005-2024.
William C. Driskill, B.S., M.A., Ph.D. (Education) At Concordia 1991 – 2010.
Beryl A. Dunsmoir, B.Sc., Dip.Ed., M.A., Ph.D. (Psychology) At Concordia 1996 – 2006.
John H. Frahm, B.S., M.S., M.Div., Ph.D. (Communication) At Concordia 1982 – 1999.
Joel Heck, B.A., M.Div.,Th.M., Th.D (Theology) At Concordia 1998 – 2022.
Gertrude M. Keiper, A.A., B.A., M.A., Ed.D. (Education) At Concordia 1993-2012.
David P. Kroft, B.S., M.F. A. (Fine Art) At Concordia 1985 – 2013.
Kathryn Lauchner, B.S.N., M.A., Ph.D. (Nursing) At Concordia 2013 – 2019
Linda Lowery, B.A.T., M.Ed. (Physical Education/Athletic Director) At Concordia 1980 – 2007.
James H. McConnell, B.A., M.A., Ph.D., (Education) At Concordia 2000 – 2013.
Laurence Meissner, B.S., M.S., Ph.D. (Science Education) At Concordia 1973 – 2014.
Tom Pate, B.S., M.S., Ph.D. (Professor, Kinesiology) At Concordia 1997-2021
Paul Puffe, B.S., M.Div., M.A., D.Min. (Theology) At Concordia 1984-2023
Keith Ragsdale, B.S., M.S. (Nursing) At Concordia 2009 – 2014.
Michal L. Rosenberger, B.S.Ed., M.S., Ph.D. (Education) At Concordia 2000 – 2010.
Kenneth Schmidt, B.S.Ed., M.A., M.F.A., Ph.D. (Fine Arts) At Concordia 2006 – 2013.
Woodard Springstube, B.S., M.B.A., M.A., Ph.D. (Business) At Concordia 1996 – 2013.
Susan Dean Stayton, B.A., M.A., Ph.D. (English) At Concordia 1964 – 1967 and 1972 – 2012.
James N. Stevenson, B.S., M.S., Ph.D. (Chemistry) At Concordia 1992 – 2012.
Claudia Teinert, B.S., M.A., Ph.D. (Literature) At Concordia 2002 – 2019
Carl Troval, B.A., M.Div., Ph.D. (Theology) At Concordia 1997-2002; 2006-2025.
Janet S. Whitson, B.A., Ph.D. (Biology) At Concordia 2012 – 2018.
Chris Winkler, B.S., M.Ed., Ph.D. (Education) At Concordia 1988-2022
David J. Zersen, M.Div., M.A., D.Min., Ed.D. (President; Education and Theology) At Concordia 1994 – 2001.




# Course Information and Descriptions

11400 Concordia University Drive
Austin, Texas 78726

## Course Numbering System

- The first digit shows the level at which a course is ordinarily taught.
    - "1" level courses are open to first-term freshmen.
    - "2" level courses are open to freshmen, but typically have a college-level prerequisite.
    - "3" level courses are upper-level courses.
    - "4" level courses are typically terminal courses within a major.
- The second digit in the course number shows the credit hours of credit the course carries.
- The remaining two numbers indicate a sequence within the discipline.
- The numbers following the course title designate the numbers of lecture/lab hours the course requires each week (based on a traditional 15-week semester).

## Independent Study

XXXX 3399 Independent Study: (Topic)

Individual tutorial emphasizing close reading and discussion of literature in an area of the student's interest. In partnership with a faculty member who reviews, approves, and grades the Independent Study, the student decides on area of interest, prepares initial draft of syllabus, objectives, and textbook selection.

Eligibility Requirements:

- The desired area of study is not currently offered by Concordia University Texas in an existing course
- Minimum cumulative GPA of 2.75

*Course Fee(s): $250 per Independent Study.*

## National/International Study

XXXX 3398 National/International Studies

Allows students to experience other cultures first-hand through travel. Experiences are arranged carefully prior to, during and following the trip to enhance student learning. Course may be offered with variable credit. Course may be repeated with varied topics. Tuition and fees may vary. A travel course lasting four or more days may fulfill all or part of the Experiential Learning requirement.

## Accounting

ACC 2301 Fundamentals of Financial Accounting

Students will study the accounting cycle, financial statements, accounting analysis, assets, liabilities, capital and analysis of financial statements.
*Pre-Requisites: None; College Algebra or Intro to Statistics strongly recommended.*

ACC 2302 Fundamentals of Managerial Accounting

Students will study accounting for partnerships and corporation owner's equity, management accounting, and developing information for production decision making.
*Pre-Requisites: ACC 2301*

ACC 3301 Intermediate Accounting I

Provides in-depth knowledge of basic accounting principles and procedures including analysis of traditional accounting statements to discern organizational strengths and weaknesses.
*Pre-Requisites: ACC 2301 and ACC 2302*

ACC 3302 Intermediate Accounting II

A continuation of ACC 3301.
*Pre-Requisites: ACC 2301, ACC 2302, and ACC 3301*

ACC 3320 Fundamentals of Taxation

Introduction to the role of taxes in contemporary society and their impact on individuals and business entities with emphasis on Federal income taxation.
*Pre-Requisites: ACC 2301 and ACC 2302.*

ACC 3370 Auditing Theory and Practice

Principles and procedures applied by independent auditors and internal auditors, responsibilities of auditors, development of audit programs, accumulation of evidence, statistical and EDP auditing applications and reporting.
*Pre-Requisites: ACC 2301 and ACC 2302*

ACC 3382 Fraud Examination

Develops an understanding and appreciation of the major methods employees use to commit occupational fraud. Students will learn how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.
*Pre-Requisites: ACC 2301 and ACC 2302*

ACC 4310 Accounting Internship

Provides students with job searching skills, on-the-job work experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any accounting major. Fulfills experiential learning requirement.
*Pre-Requisites: ACC 3301, ACC 3302, and 6 additional hours of upper-level Accounting coursework*

ACC 4380 Advanced Financial Accounting

Accounting problems in respect to multiple ownership, consolidated financial statements and partnership accounts; modern currency translations; segmental reporting, and advanced accounting theory.
*Pre-Requisites: ACC 2301, ACC 2302, ACC 3301 and ACC 3302*

## Air Force Science (ROTC)

***NOTE**: Air Force Science (AFS) courses are offered and delivered through the Department of Air and Space Force Science at the University of Texas at Austin. Students interested in AFS courses and the Air Force ROTC program must apply for and receive approval from UT Austin's Recruiting Flight Commander before enrolling.*

AFS 100 Leadership Laboratory (Underclassmen)

Various leadership techniques, including drill and ceremonies, customs and courtesies, and uniform standards. Two laboratory hours a week for one semester. Offered on the pass/fail basis only.
*Pre-Requisites: None*

AFS 120L Leadership Laboratory (Upperclassmen)

Leadership laboratory course for upper-division students. Further development of leadership skills through leadership positions within the cadet corps. Includes training of freshman and sophomore students as well as a practicum in Air and Space Force unit operation. Two laboratory hours a week for one semester. Offered on the pass/fail basis only.
*Pre-Requisites: None*

AFS 102K Heritage and Values I

This is a survey course designed to introduce students to the Department of the Air Force (DAF) and provides an overview of the basic characteristics, missions, communications and organization of the Air Force and Space Force. One lecture hour a week for one semester.
*Pre-Requisites: None*

AFS 102L Heritage and Values II

Continuation of AFS 102K. One lecture hour a week for one semester.
*Pre-Requisites: AFS 102K*

AFS 111K Team and Leadership Fundamentals I

This course provides a fundamental understanding of both leadership and team building. The lessons and course flow are designed to prepare students for field training and leadership positions in the detachment. One lecture hour a week for one semester.
*Pre-Requisites: None*

AFS 111L Team and Leadership Fundamentals II

Continuation of AFS 111K. One lecture hour a week for one semester.
*Pre-Requisites: AFS 111K*

AFS 321 Leading People and Effective Communication I

This course utilizes student's field training experience to take a more in-depth look at leadership. Special emphasis is placed on enhancing communication skills, and why that is important as a leader. Students have an opportunity to try out these leadership and management techniques in a supervised environment as juniors and seniors. Three lecture hours a week for one semester.
*Pre-Requisites: None*

AFS 322 Leading People and Effective Communication II

Continuation of AFS 321. Three lecture hours a week for one semester.
*Pre-Requisites: AFS 321*

AFS 331 National Security and Preparation for Active-Duty I

This course is designed for college seniors and provides them the foundation to understand their role as military officers and how they are directly tied to our National Security. It is an overview of the complex social and political issues facing the military profession and requires a measure of sophistication commensurate with the senior college level. Three lecture hours a week for one semester.
*Pre-Requisites: None*

AFS 332 National Security and Preparation for Active-Duty II

Continuation of AFS 331. Three lecture hours a week for one semester.
*Pre-Requisites: AFS 321*

## American Sign Language

ASL 1401 American Sign Language I

American Sign Language (ASL) is the language of the Deaf community in the United States and Canada. The course also treats Deaf culture. This course, together with ASL 1402, meets requirement for modern language.
*Pre-Requisites: None*

ASL 1402 American Sign Language II

American Sign Language (ASL) is the further study of the language of the Deaf community in the United States and Canada. American Sign Language I and II (ASL 1401 and ASL 1402) together meet the requirement for modern language.
*Pre-Requisites: ASL 1401*

## Anthropology

ANT 1301 Introduction to Anthropology

A broad examination of the field of anthropology. Primary emphasis will be placed on cultural anthropology.
*Pre-Requisites: None*

## Art

ART 1302 Survey of Art History

This class is designed as a survey of the history of Western art from ancient through contemporary times, with emphasis on the major artists and works of art. It will also introduce some of the major methodologies used to approach topics in art history. Class time will be divided between slide lectures and in-class discussions over the readings.
*Pre-Requisites: None*

ART 1305 Introduction to Art History: Modern

This course covers the history of visual art from the Renaissance to the present. It is taught with a European-American perspective, and includes

painting, sculpture, architecture and other major areas of study.
*Pre-Requisites: None*

ART 1306 Drawing Media

Basic drawing using graphite as the primary media. Will also include some or all of the following: charcoal, ink, metal point, monoprint, and oil sticks.
*Pre-Requisites: None*

ART 1308 Introduction to Photography

Basic photography course with emphasis upon technical skill development, camera use and operation, digital operation methods and techniques.
*Pre-Requisites: None*

ART 1315 Art Theory and Practice

A survey which includes study of art history, art criticism, aesthetics, and studio production, including study and use of all principles and elements of art in a variety of media, practicing critical evaluation of art production in progress; and development of knowledge and skills for personal growth.
*Pre-Requisites: None*

ART 2310 Glass – Fusing and Slumping

An introduction to the sculptural qualities of glass through fusing and slumping processes. Class content will emphasize the process of ideation and design utilizing surface, translucency, and transparency. May be repeated for credit with instructor permission.
*Pre-Requisites: None*

ART 2320 Ceramics

Study of hand building techniques, clay bodies, and glazes using low fire clay. May be repeated for credit.
*Pre-Requisites: None*

ART 3308 Color

This color course offers a new interdisciplinary model connecting diverse experiences and practical tools to navigate the complex network of color codes we inhabit. Exploration of color theories includes the practical use of color in its many different everyday engagements.
*Pre-Requisites: None*

ART 3312 Painting

Study of oil painting techniques, color theory, design application, and styles of various well-known artists. May be repeated for credit.
*Pre-Requisites: None*

ART 4306 Art as Vocation

This course prepares you in professional concerns of aesthetics, studio practices, exhibitions, and working with art institutions. Emphasis will be placed on developing an audience, marketing art, planning programs/events, financial planning, writing proposals/grants, and art industry management. Readings will explore artistic vocation with a Biblical, historical, theological, and contemporary perspective.
*Pre-Requisites: Successful completion of any 6 credit hours of ART*

ART 4312 Painting II

In this course you will continue to increase your skills in oil painting. You will have the opportunity to develop your ideas concerning genres of landscape, still life and the figure, while exploring and expanding your interests in abstraction, representation, collage and digital applications.
*Pre-Requisites: ART 3312*

## Biology

BIO 1101-1106 Field Biology

BIO 1101-1106 are a series of mini-course field experiences to study the ecosystems of selected areas of Texas; some courses require good physical conditioning due to strenuous hiking activity. Field Biology may be repeated for credit under each separate number; the same number course may not be repeated for credit. Up to three of these one-hour courses in any combination may be used as a non-lab Natural Science within the core. These courses require a special course fee to cover travel and special equipment. Fulfills one (1) credit hour of Experiential Learning
*Pre-Requisites: Consent of instructor*. *Course Fee: $150*

- BIO 1101 Field Biology East and Southeast Texas
- BIO 1102 Field Biology Rio Grande Valley
- BIO 1103 Field Biology Southwest Texas
- BIO 1104 Field Biology Panhandle and Northwest Texas
- BIO 1105 Field Biology Central Texas
- BIO 1106 Field Biology Guadalupe Mountains

BIO 1401 Principles of Biology

General concepts of biology with emphasis on man in God's world. This course meets the core natural science requirement for non-science majors. Students should be co-enrolled in the laboratory part of the course, BIO 1401L.
*Pre-Requisites: None.*

BIO 1402 General Zoology

The anatomy, physiology, behavior and ecology of major animal groups. Students should be co-enrolled in the laboratory part of the course, BIO 1402L.
*Pre-Requisites: None.*

BIO 1403 Cellular and Molecular Biology

Modern concepts of cellular functions at the molecular level. This course meets the core natural science requirement. Students should be co-enrolled in the laboratory part of the course, BIO 1403L.
*Pre-Requisites: Successful completion of CHE 1341 and 1141, or CHE 1431, with a grade of 'C' or higher.*

BIO 2403 General Botany

The structure, function, reproduction, taxonomy and ecology of plants. Students should be co-enrolled in the laboratory part of the course, BIO 2403L.
*Pre-Requisites: None.*

BIO 2413 Microbiology for Health Sciences

The Microbiology for the Health Sciences class provides an overview of the microbial world. Topics include the basic characteristics of fungi protozoans, bacteria, and viruses. Special emphasis is placed on topics and applications that relate to human health. This course is intended as a prerequisite for entry into the nursing program. This course may not be used to meet either prerequisites or requisites in majors from the School of Natural and Applied Sciences.
*Pre-Requisites: None; Anatomy & Physiology I or Cellular & Molecular Biology strongly suggested.*

BIO 3302 Tropical Biology

A study of the biology and ecology of tropical ecosystems that includes a substantial field component offered during a semester break or summer. This course also includes a study of environmental concerns and conservation efforts in tropical ecosystems. The field component requires extensive physical exertion and "roughing it." Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.
*Pre-Requisites: Consent of the instructor*

BIO 3303 Native Plants

Identification, natural history, economic importance, and ecology of plants native to Central Texas.
*Pre-Requisites: None*

BIO 3310 Nutrition

A study of the nutrients and other substances in foods and the body's handling of them. Nutrient requirements associated with various life stages and the impact of various disorders and diseases upon nutrition will also be explored.
*Pre-Requisites: Completion of a college level laboratory science course*

BIO 3350 Biopsychology

An introduction to the structure and function of the nervous system and the relationship between psychological processes and the brain in humans and other animals. Cross-listed with PSY 3350.
*Pre-Requisites: PSY 1311 or PSY 1311H. BIO 1403 and BIO 3412 strongly suggested.*

BIO 3370 Ecology of the Pacific Northwest

A study of the unique wildlife, ecological relationships, and environmental concerns in a variety of aquatic and terrestrial habitats of the U.S. Pacific Northwest. The course includes substantial independent work throughout the semester and culminates with a field experience typically held in Oregon, Washington, and California that requires substantial hiking, outdoor data collection, and journaling. Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.
*Pre-Requisites: Consent of instructor*

BIO 3401 General Microbiology

The structure, physiology, culture, and control of bacteria and other microbes. Students should be co-enrolled in the laboratory part of the course, BIO 3401L.
*Pre-Requisites: BIO 1401, or BIO 1403, or CHE 1431, or CHE 1341 and CHE 1141, with a grade of 'C' or higher. Course fee: varies by course modality.*

BIO 3403 General Ecology

A study of those factors which affect the abundance, biodiversity and distribution of organisms. Includes ecological theory, mathematical modeling, and natural history and

field techniques. Students should be co-enrolled in the laboratory part of the course, BIO 3403L This course is cross-listed with ESC 3403/ESC 3403L.
*Pre-Requisites: BIO 1402 or BIO 2403 with a grade of 'C' or higher.*

BIO 3404 Genetics

An introduction to classical, molecular, developmental and population genetics with an emphasis on genetic analysis. Students should be co-enrolled in the laboratory part of the course, BIO 3404L.
*Pre-Requisites: BIO 1401 or BIO 1403 with a grade of 'C' or higher.*

BIO 3406 Animal Behavior

An introduction to the study of animal behavior. Cross-listed with PSY 3406.
*Pre-Requisites: Any Natural Science course with a grade of 'C' or above.*

BIO 3411 Human Anatomy and Physiology I

An introduction to the study of human anatomy and physiology. Beginning with a quick overview of the chemical basis of life and a review of cells and cellular metabolism. The remainder of the course will cover tissues and five systems (skin and the integumentary system, skeletal system including joints, muscular system, cardiovascular system, and respiratory system). Students should be co-enrolled in the laboratory part of the course, BIO 3411L.
*Pre-Requisites: BIO 1401, or BIO 1403, or CHE 1431, or CHE 1341 and CHE 1141, with a grade of 'C' or higher. Course fee: varies by course modality.*

BIO 3412 Human Anatomy and Physiology II

A continuation of the study of human anatomy and physiology. The course will cover the remaining six systems (nervous system including somatic and special senses, endocrine system, lymphatic system, digestive system, respiratory system, urinary system, and reproductive system) and related topics. Note: Students who have already completed BIO 2401 Human Anatomy and Physiology are not allowed to take this course for credit unless approved by the Coordinator of the Biology Department. Students should be co-enrolled in the laboratory part of the course, BIO 3412L.
*Pre-Requisites: BIO 3411 with a grade of 'C' or higher. Course modality: varies by course modality.*

BIO 3420 Developmental Biology

An introduction to both classical and modern developmental biology including molecular and genetic analysis of development. Students should be co-enrolled in the laboratory part of the course, BIO 3420L.
*Pre-Requisites: BIO 1403 with a grade of 'C' or higher.*

BIO 3430 Biochemistry

An overview of the macromolecules and small molecules that are the key to all living systems. Topics covered include protein structure and function, enzyme mechanisms, kinetics and regulation, membrane structure and function, bioenergetics, hormone action, intermediary metabolism, including pathways and regulation of carbohydrate, lipid, amino acid, and nucleotide biosynthesis and breakdown. Students should be co-enrolled in the laboratory part of the course, BIO 3430L. This course is cross-listed with CHE 3430/CHE 3430L.
*Pre-Requisites: BIO 1403 with a grade of 'C' or higher, and credit or concurrent enrollment in CHE 2401.*

BIO 4330 Exercise Physiology

This class is a study of the physiological responses of the body to exercise. Emphasis is on the application of the physiological principles deemed most important for understanding physical training. Note: This course does not count for core physical education/wellness requirements.
*Pre-Requisites: Grade of 'C' or higher in BIO 3411.*

BIO 4410 Biological Science Research

A research course in which students will work as a team to complete research in an area of the biological sciences as set forth by the instructor. Students will learn how to critically read scientific papers and interpret data. All aspects of proposal writing will be explored during this course. The course will culminate with presentation of the students and groups research findings in both oral and written formats. Fulfills Experiential Learning requirement.
*Pre-Requisites: Biology majors with senior standing or by permission of instructor.*

# Business Administration

BADM 1310 Intro to Business and Entrepreneurship

This introductory course is designed to help students advance their knowledge of both business and entrepreneurship. This course helps students to develop their critical thinking skills in solving contemporary business issues. The course looks at various entrepreneurial ventures and business disciplines from a variety of perspectives to provide a foundation for business development. Students will be introduced to a variety of careers as well as practical and professional skills.
*Pre-Requisites: None*

BADM 2310 Global Business and Communication

This course introduces the modern business enterprise with an emphasis on the interdependence of the business functions in a global environment. Topics include the cross-border impacts of culture, communication, politics, and law on trade, investment, marketing, management, and accounting and financial systems.
*Pre-Requisites: None*

BADM 3311 Principles of Management

Course is a survey of management philosophy, theories, and practices. Topics include management functions of planning, decision making, organizing, staffing, communicating, motivating, leading, and controlling. This course will also consider organizational behavior, international management and the global economy. This course has a writing component.
*Pre-Requisites: None*

BADM 3314 Essentials of Global Public Health

Examines the main functions of public health; disease prevention and health promotion. Students will learn the history and philosophy of public health, its core values and functions across the globe and in society. Students will examine the factors that impact health and how productivity is influenced by health outcomes since prevention is more cost effective than cure. Students will learn about working in both clinical care settings as well as institutions that promote population health. Case studies will be used. Cross-listed with PUBH 3314.
*Pre-Requisites: None*

BADM 3315 Comparative Health Care Systems

Examines the healthcare delivery system of the United States, its fundamental characteristics and organization as well as differences in the healthcare systems of other countries. Students will learn about the various agencies involved in health and access to healthcare will be reviewed. Students will have a better understanding of the composition of health workers in the United States and other countries. Innovative technologies and best practices will be studied. Cross-listed with PUBH 3315.
*Pre-Requisites: None*

BADM 3321 Business Law

Background and role of law in business and society. Specific commercial law topics addressed include Uniform Commercial Code, business torts, property, contract sales, debit/creditor relations, and agency.
*Pre-Requisites: None*

BADM 3323 Globalization, Trade and Health Policy

Examines the increasing interdependence of the world with greater connectivity affecting the speed of access to information. Key focus will be on the dimensions of globalization including trade in food, pharmaceutical products, tobacco as well as healthcare personnel and the shift in patterns of disease. Case studies will be used. Cross-listed with PUBH 3323.
*Pre-Requisites: None*

BADM 3330 Project Management

This course emphasizes Project Management skills involved in work planning, control and evaluation to achieve objectives for both simple and complex projects. The course will give students hands-on experience project planning, participating and running their own project.
*Pre-Requisites: BADM 3311*

BADM 3335 Data Analytics

This course covers data management, exploratory data analysis and visualization, descriptive statistics, and inferential statistics. T-tests, ANOVA, Chi-Square tests, simple regression, multiple regression, interaction/moderation, confounding, and logistic regression are all covered at a pace that assumes some previous knowledge of statistics. All of the topics will be addressed through a student selected research question that can be answered using a large dataset. A statistical programming language (R, SAS, or SPSS depending on the instructor) will be used, along with Zotero and GitHub for document and code

management.
*Pre-Requisites: MTH 2301, or another introductory statistics course*

BADM 3340 Human Resource Management

An introduction to human resource management. Topics include employment, placement and personnel planning, training and development, compensation and benefits, health, safety and security; employee and labor relations. This course has a writing component.
*Pre-Requisites: None*

BADM 3341 Training and Development

This course explores methods utilized to train and develop employees in ways that positively affect organizational outcomes and success.
*Pre-Requisites: BADM 3340*

BADM 3350 Principles of Marketing

Practices and market structure, marketing functions and strategies, institutions, pricing, demand creation, industrial and consumer, costs and marketing legislation. This course has a writing component.
*Pre-Requisites: None*

BADM 3351 Selling and Sales Management

Professional selling principles and practices for industrial and consumer goods. Includes identification and qualification of customers, developing and delivering high quality presentations, persuasive theories and techniques, ethics of selling, and pre/post sales services. Policy matters, product planning, distribution policies and pricing, sales promotion, organization and management of territories and the sales force, control of sales operation.
*Pre-Requisites: None*

BADM 3352 Integrated Mkt. Communications

This course studies all elements of promotion and integrated marketing communications. Students gain knowledge of the major promotion and communication tools organizations use, how promotion is planned, budgeted, and used in the marketing program, and how to analyze promotion alternatives as they relate to the organization's marketing objectives and market segments served.
*Pre-Requisites: None.*

BADM 3353 Consumer Behavior

This course focuses on the analysis and interpretation of the behavior of individuals as buyers and consumers of goods and services. Students will learn to evaluate and interpret the psychological, economic, and socio-cultural factors and trends that influence purchase and consumption of goods and services.
*Pre-Requisites: None.*

BADM 3354 Entrepreneurship

The Entrepreneurship course introduces the tools, skills, and judgment needed for a long and meaningful life as an entrepreneur. The course considers evaluating opportunities, launching a business, growing the business, and finally harvesting the profits. Students will stand in the shoes of an entrepreneur and make tough decisions, squeezed by the demands of your customers on one side (customers) and the need to make and deliver your product cheaply enough (operations) on the other. The course will focus on businesses that, with vision, hard work and luck can be developed into substantial enterprises. This course will focus on entrepreneurs, on business plans and on businesses that are appropriate for sophisticated angel and/or professional (especially venture capital) investors.
*Pre-Requisites: BADM 3360*

BADM 3360 Finance

The course provides a working knowledge of the tools and analytical conventions used in managerial finance. The emphasis is on establishing an understanding of the basic elements of financial theory to be used in the application of analytical reasoning to finance problems. This class is designed for the general business student, but is a sufficiently rigorous introduction to this material that it is also suitable for students who are considering additional study in either Finance or Accounting.
*Pre-Requisites: ACC 2301*

BADM 3361 Money, Banking, and Credit

The course will cover the role of financial markets in the economy; the determination of interest rates; the role of financial intermediaries and financial intermediation; the role of the central bank in monetary policy; and the macroeconomics of monetary policy and interest rates.
*Pre-Requisites: BADM 3360*

BADM 3371 Management Information Systems

Course provides students with a fundamental understanding of information technology in contemporary business environments and presents core MIS principles with which every business student should be familiar. Students will also study real cases that are associated with IS applications in order to understand the

issues in IS disciplines and the changing role of the IS professional.
*Pre-Requisites: None*

BADM 3372 Digital and Social Media Marketing

Designed to give students a high-level strategic perspective of how digital media is used to achieve business objectives, as well as practical hands-on experience creating and managing digital marketing campaigns. All marketers are increasing their digital media spending -- creating demand for students entering the workforce with digital media skills. By the end of the course, students will be able to walk into any company with an online presence and improve their use of the internet
*Pre-Requisites: BADM 3350*

BADM 3375 Negotiations and Conflict Management

The Negotiations course introduces students to the theory and practice of negotiation specific to business. Negotiation is the art and science of securing agreement between two or more independent parties. The course focuses on understanding the behavior of individuals, groups, cultures, and organizations in the context of competitive situations. Students will develop analytical and interpersonal skills necessary for successful negotiations. Business relevant cases and situations will be used.
*Pre-Requisites: None*

BADM 3380 Production and Ops. Management

The course includes the strategic, tactical, and operational issues that arise in management of production and service operations; product and process design, facilities planning, quality management, materials management, operations planning and scheduling, and emerging technologies in production and service management.
*Pre-Requisites: None*

BADM 3398 Nat'l/International Travel

A travel course to immerse the student in real-world contexts where students can observe and analyze communication practices in various settings.
*Pre-Requisites: Consent of Instructor. Course Fee: Varies by travel course.*

BADM 4302 Global Public Health Practicum

Students will be engaged in practicums in organizations in the United States with a health focus (healthcare delivery or population health); or organizations that are regional or international in scope that promote global health. In the future opportunities for practicums will be created for practical experiences working in other countries and in select international organizations (public and private). Fulfills experiential learning requirement. Cross-listed with PUBH 4302.
*Pre-Requisites: Junior or Senior level status and completion of lower-level BBA requirements.*

BADM 4310 Business Internship

Students are expected to graduate in the calendar year that this course is completed. Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any Business Management major. An upper-level course for business majors only. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Fulfills experiential learning requirement.
*Pre-Requisites: BADM 3311*

BADM 4310P Business PEP Internship

The Business Present Experience Internship course offers seasoned professionals, C-Suite professionals, and business owners who are advanced in their career an alternative course to the traditional internship course and model. Students approved for the course are presently working and are not a good fit for the traditional internship experience. Advanced-career working adults can apply for this option and complete it at their own pace over the semester while using their present job to satisfy both experiential learning credit and the degree internship requirement. The course involves a 360 evaluation process and reflection upon past and current career trajectory. Eligibility and academic approval required.
*Pre-Requisites: Eligibility and academic approval.*

BADM 4312 Strategic Management

This course provides student with advanced level learning and critical thinking skills in the areas of strategic planning, implementation and control. Integrated learning will take place using the various business disciplines, applying a general management point of view. An overview of historical thought in strategic management will provide a basis for students to think about and form their own theories and management styles. Students will apply their learning through case studies and class projects.
*Pre-Requisites: BADM 3311*

BADM 4319 Immigration Violence Disasters and Health

Issues that impact vulnerable populations in the United States and other countries including the socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities. Immigration, the impact of violence, natural and man-made disasters, terrorism and the organizations that respond to these issues will be examined. Cross-listed with PUBH 4319.
*Pre-Requisites: None*

BADM 4321 Public Health Organizations, Ethics, and Law

Examines public health organizations that are local, national and international in focus, how they operate and the role they play in promoting health and preventing disease as well as those organizations not typically associated with health such as the United Nations, World Trade Organization, the Bill and Melinda Gates Foundation and Dell. Cross-listed as PUBH 4321.
*Pre-Requisites: Junior or Senior level standing*

BADM 4300 Marketing Capstone

This course is an integration of all marketing elements in a strategic marketing framework. The course will provide practical knowledge regarding marketing strategy from planning, formulating, and executing strategic marketing campaigns. The topics covered in this course include strategic marketing planning, marketing ethics, marketing research, competitive advantage, segmentation, branding, positioning, marketing mix (4 Ps), marketing implementation, and customer loyalty.
*Pre-Requisites: BADM 3350*

BADM 4331 Organizational Behavior and Development

Most organizations focus their efforts on improving two aspects of human behavior: (1) job performance—the degree to which individuals perform the behaviors needed for the organization to achieve its goals; and (2) organizational commitment—the degree to which employees remain loyal to the organization rather than seeking employment elsewhere. This course will guide you through a model that seeks to explain these two areas of organizational behavior, while interweaving and maintaining a fixed view on developing the organization as a whole.
*Pre-Requisites: BADM 3340*

BADM 4333 Market Research

This course will provide an introduction to market research as a business decision-making tool. Students will learn how market research can help them understand consumer attitudes and preferences to make business decisions and how to transform research findings into actionable business recommendations. Students will learn essential skills including: determining research design, techniques for conducting interviews, quantitative questionnaire design, sampling procedure and statistical projections, data analysis, and dashboard visualizations. Students will work with a real-world client on a research project including defining the business problem, develop a research plan, collect and analyze data and present findings and implications.
*Pre-Requisites: BADM 3350*

BADM 4341 Human Resource Mgmt Internship

Focuses on providing students with meaningful work experiences in Human Resource Management (HRM) similar to those which are normally found in organizations. Emphasis of the internship program is to provide interns an exposure to a wide variety of opportunities including as much ‘hands-on” experience as possible. Students are expected to graduate in the calendar year that this course is completed. The course may be repeated once for credit as an elective, but only three credit hours will count toward any Business Management major. Fulfills experiential learning requirement.
*Pre-Requisites: BADM 3340*

BADM 4351 Advertising Management

Through projects and texts, students will develop an understanding of the creation of effective advertising, media planning and budgeting, and advertising strategy as it relates to the overall marketing mix and strategic plan of the organization, with special emphasis on advanced copywriting and layout, for print and broadcast media. Cross listed with COM 4351
*Pre-Requisites: BADM 3350*

BADM 4352 Internship in Marketing

Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any BBA concentration. An upper-level course for business majors only; graded on a pass/no pass basis. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Students may enroll in this course any time during the semester

prior to the “last day to withdraw from a class with a W” as published in the official academic calendar. Fulfills experiential learning requirement.
*Pre-Requisites: BADM 3350*

BADM 4361 Investments

Topics covered include financial markets, securities trading, evaluation of the risk/return trade-off, efficient portfolio formation, fixed-income security valuation and interest-rate risk, and an introduction to derivative securities. The course develops the student’s expertise in investment and portfolio management, including the ethical issues involved.
*Pre-Requisites: BADM 3360 and MTH 2301 (or an equivalent statistics class)*

BADM 4363 International Financial Management

The course covers international monetary systems, exchange rate determination, use of currency derivatives in hedging and risk management, currency swaps, modern direct investment, and international capital budgeting.
*Pre-Requisites: BADM 3360*

BADM 4364 Corporate Finance

Topics include the net present value and internal rate of return criteria for capital budgeting decisions; other criteria for such decisions, the cost of capital; capital budgeting under uncertainty; the lease-or-buy and make-or-buy decisions; and financing fixed assets; including theory of the debt to equity trade-off and dividend policy.
*Pre-Requisites: BADM 3360*

BADM 4367 Finance Internship

Students are expected to graduate in the calendar year that this course is completed. Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any the Finance concentration. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Fulfills experiential learning requirement.
*Pre-Requisites: BADM 3360*

BADM 4369 Financial Modeling in Excel

This course is the capstone for the finance concentration. Students will learn to model both financial statements and portfolios in this class. This is an advanced spreadsheet engineering course designed for future finance professionals who will need to be able to apply the material that they have previously learned in their more theoretical finance courses to their employers' or clients' finances.
*Pre-Requisites: BADM 3360*

BADM 4380 Business and Community

Intended for students who are excelling in academic skills and professional skills, engaged, motivated and internally driven. Admittance is granted by recommendation from the faculty and student purpose essay. This course will focus on the role of ethics and social responsibility in businesses as they serve the community in which they exist. Students will learn practical lessons from speakers and in working on research for the Ethics in Business Award. Classes will involve a mix discussion, guest speakers and experiential learning.
*Pre-Requisites: Instructor approval required*

BADM 4390 Special Topics in Business

This course provides students with advanced level learning and critical thinking skills in the areas of selected specific topics of business. Integrated learning will take place using the various business disciplines. Students will apply their learning through reading, experience, and class projects. Business students will receive credit toward their Business concentration as deemed appropriate by the COB faculty.

BADM 4398 Program Management and Health Evaluation

Examines health programs and the use of evidence to support the practice of health. Using theories and case studies, students will complete a critical analysis of the public health program of choice integrating lessons learned, best practices and the theories studied. This is a capstone course in which a research paper will be expected. Cross-listed with PUBH 4398.

## Chemistry

CHE 1341 Chemistry I

Study of the laws and theories of chemistry, stoichiometry, atomic and molecular structure, chemical bonding, properties of solutions, kinetic-molecular theory, and periodicity of the elements
*Pre-Requisites: Math Placement score of 2 or higher, or successful completion of MTH 0320 Intermediate Algebra*

CHE 1141 Chemistry I Laboratory

Laboratory investigation of the laws and theories of chemistry, stoichiometry, atomic and molecular structure, chemical bonding, properties of solutions, kinetic-molecular theory, and periodicity of the elements.
*Pre-Requisites: Enrollment in or completion of CHE 1341.*

CHE 1342 Chemistry II

A continuation of Chemistry I covering kinetics, equilibria, thermodynamics, oxidation-reduction, acids and bases, and an introduction to organic chemistry.
*Pre-Requisites: CHE 1341 and MTH 1351 with a minimum grade of 'C' in both, or minimum grade of 'C' in CHE 1341 and Math Placement score of 3*

CHE 1142 Chemistry II Laboratory

A continuation of General Chemistry I laboratory covering kinetics, equilibria, thermodynamics, acids and bases and an introduction to organic and biochemistry
*Pre-Requisites: Enrollment in or completion of CHE 1342.*

CHE 1400 Introduction to Chemistry

Descriptive chemistry with an emphasis on principles and the importance of chemistry for modern life. This course is a prerequisite to CHE 1341 for students who have not had high school chemistry. This course may be used to meet the core natural science requirement, but cannot be used as a prerequisite for CHE 1342. Not open to those who have already earned credit for CHE 1341.
*Pre-Requisites: Math Placement score of 2 or higher*

CHE 1431 General Chemistry for Healthcare Professionals

This course is intended as a pre-requisite for entry into the nursing program. Fundamental principles of inorganic chemistry; metric measurements, matter and energy, atomic structure, chemical nomenclature, chemical bonding, chemical reactions, stoichiometry, gas laws, properties of liquids, solids, solutions, acids and bases with emphasis on their physiological importance and their application to nursing and other health-related professions. This course may meet the core laboratory natural science requirement. Students should be co-enrolled in the laboratory part of the course, CHE 1431L.
*Pre-Requisites: Math Placement score of 2 or higher, or successful completion of MTH 0320.*
*Course Fee (CHE 1431L): Varies by course modality*

CHE 2401 Organic Chemistry I

Introduction to the basic concepts of organic chemistry and the synthesis and reactions of organic molecules. Students should be co-enrolled in the laboratory part of the course, CHE 2401L.
*Pre-Requisites: CHE 1142 and 1342 with a minimum grade of 'C' in both.*

CHE 2403 Organic Chemistry II

A continuation of the study of basic concepts of organic chemistry with emphasis on aromatic compounds and spectroscopy. Aspects of biological molecules are considered. Students should be co-enrolled in the laboratory part of the course, CHE 2403L.
*Pre-Requisites: CHE 2401 with a minimum grade of 'C'.*

CHE 3301 Inorganic Chemistry

The descriptive chemistry of transition metals including coordination complexes, organometallic catalysis, and bioinorganic chemistry, along with bond theory and symmetry.
*Pre-Requisites: CHE 1142, 1342, and MTH 1351 with a minimum grade of 'C' in each course*

CHE 3401 Quantitative Analytical Chemistry

Theory and practice of qualitative chemical analysis. Theory and practice of volumetric, gravimetric, pH, colorimetric and chromatographic quantitative chemical analyses. Students should be co-enrolled in the laboratory part of the course, CHE 3401L.
*Pre-Requisites: CHE 1142 and 1342 (or 1402) and MTH 1351 (or Math Placement score of 3), with a minimum grade of 'C' in each course.*

CHE 3402 Environmental Chemistry

A study of the chemical principles and reactions that govern the behavior of both natural environmental systems and anthropogenic compounds important to the quality of the environment. Sampling methods, instrumentation and data analysis will be emphasized. Students should be co-enrolled in the laboratory part of the course, CHE 3402L. Cross-listed with ESC 3402/3402L.
*Pre-Requisites: CHE 1142 and 1342 (or 1402) and MTH 1351 (or Math Placement score of 3), with a minimum grade of 'C' in each course.*

CHE 3404 Instrumental Chemical Analysis

Analysis of chemical compounds using instrumental techniques including: infrared and ultraviolet spectrophotometry, nuclear magnetic resonance, and gas chromatography-mass spectrometry.
*Pre-Requisites: CHE 1142 and 1342 (or 1402), CHE 3401, and MTH 1351 or math placement at a higher level with a minimum grade of 'C' in both courses*

CHE 3430 Biochemistry

An overview of the macromolecules and small molecules that are the key to all living systems. Topics covered include protein structure and function, enzyme mechanisms, kinetics and regulation, membrane structure and function, bioenergetics, hormone action, intermediary metabolism, including pathways and regulation of carbohydrate, lipid, amino acid, and nucleotide biosynthesis and breakdown. Students should be co-enrolled in the laboratory part of the course, CHE 3430L. This course is cross-listed with BIO 3430/CHE 3430L.
*Pre-Requisites: BIO 1403 with a grade of 'C' or higher, and credit or concurrent enrollment in CHE 2401.*

CHE 4301 Physical Chemistry I

A statistical mechanics approach to gas behavior, thermodynamics and kinetics. Course can be taken before or after CHE 4302 (Physical Chemistry II).
*Pre-Requisites: PHY 1402 and MTH 2402 with a minimum grade of 'C' in both courses*

CHE 4201 Physical Chemistry Lab

Laboratory exercises in physical chemistry covering electromagnetism, vibrational and rotational spectra, molecular interactions, and gas behavior.
*Pre-Requisites: PHY 1402 and MTH 2402 with a minimum grade of 'C' in both courses.*

CHE 4302 Physical Chemistry II

A quantum mechanical approach to atomic structure, spectroscopy and surfaces. Course can be taken before or after CHE 4301 (Physical Chemistry I).
*Pre-Requisites: PHY 1402 and MTH 2402 with a minimum grade of 'C' in both courses*

CHE 4310 Chemistry Research

A research course in which students work independently under the supervision of an instructor to fulfill a novel research project in chemistry. Students will learn how to design, execute and report an experimental plan. The research findings will be presented as a written report. Fulfills Experiential Learning requirement. Repeatable once for credit.
*Pre-Requisites: Chemistry majors with senior standing, or permission of the instructor.*

## Chinese - Mandarin

CHI 1401 Mandarin Chinese I

An introduction to Mandarin Chinese for beginners, providing practice in listening, speaking, reading, and writing.
*Pre-Requisites: None*

CHI 1402 Mandarin Chinese II

Continued introduction to Mandarin Chinese imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing.
*Pre-Requisites: CHI 1401*

CHI 2311 Mandarin Chinese III

Continuation of Chinese II, helps students to move from the beginning to the intermediate level of the language. Students will continue to learn essential skills of listening, speaking, reading, and writing for daily communication.
*Pre-Requisites: CHI 1402*

CHI 2312 Mandarin Chinese IV

Intermediate course in Mandarin Chinese prepares students for advanced Chinese; it offers advanced communication skills in listening, speaking, reading, and writing.
*Pre-Requisites: CHI 2311*

## Communication

COM 1300 Fundamentals of Communication

Designed to help students perceive and experience the multi-faceted presence of communication in life, and gain self-confidence and basic proficiency expressing themselves in different contexts using a variety of media.
*Pre-Requisites: None*

COM 1371H Communication for Social Change

This course focuses on confidently crafting authentic messages grounded in theory and data to change peoples' knowledge, attitudes, and social norms for the better. Students will explore mechanics, motivation, and outcomes of

communicating for social change as a local and global citizen. By placing people of the community at the center of the multi-faceted presence of communication in everyday life, the course promotes participatory approaches to collective action. Through practice- and case-based formats, this course models TED Talks which welcome people from every discipline and culture seeking deeper insights and the power of ideas to change the world.
*Pre-Requisites: None; Admission to the Honors Program.*

COM 2100 Communication Practicum I

Open to any student, this is a lower-level course to formally engage student in the practice of communication. Students will use practicum experience for creating featured building blocks for portfolio creation as part of the Communication Capstone course.
*Pre-Requisites: None*

COM 2301 Human Communication Theory

A careful and systematic discussion of communication theories and their application to life.
*Pre-Requisites: None*

COM 2303 Mass Media History and Theory

Survey of mass media theories, emphasizing the impact of printing, film making, and broadcasting in society. Research on mass media effects including an examination of emerging media technologies.
*Pre-Requisites: None*

COM 2308 Writing for the Media and Public Relations

The student will learn fundamentals of writing for different media outlets and publics and will practice writing artifacts such as news reports, editorials, press releases, scripts, advertising copy, public statements, social media promotions, and magazine feature articles.
*Pre-Requisites: None*

COM 2312 Focused Listening

An in-depth look at how communication technologies and other factors contribute to our distractions or ability to focus whether sitting in silence, engaging in self-reflection, or communicating with others. Analysis and practice of focused listening to reclaim attention, silence, and authentic conversation.
*Pre-Requisites: None*

COM 2314 Communication Technology

A survey of communication technologies. The course includes an exploration of the factors surrounding the adoption of new technology. The course will also challenge the student to consider the sociological impact of technology and technological determinism.
*Pre-Requisites: None*

COM 2317 Cinema and Religion

A course designed to enable students to recognize mythic structures in contemporary film and compare and contrast them to the central themes of Christianity and the Lutheran Ethos, including original sin, mercy, grace and redemption. NOTE: Lengths of films vary, and it is important to examine each in its entirety. The student should be prepared to participate in a 45 minute discussion after the end of each film shown, regardless of length.
*Pre-Requisites: None.*

COM 2319 Digital & Media Literacy

In this course students will explore the current media landscape from a critical perspective, examine its effects on social institutions and interpersonal relationships, and evaluate the role of media literacy in forging a healthier communication climate. Students will learn to engage media critically, thereby becoming better informed citizens.
*Pre-Requisites: None*

COM 2320 Digital Wellness

This course explores how our digital lives shape our minds, emotions, and sense of self and how we can return to a more centered, conscious way of living. Students examine the harmful effects of technology on attention, autonomy, and inner peace, while learning practical strategies for sustaining personal and professional well-being in demanding digital environments. Through mindfulness practices, contemplative disciplines, and boundary-setting techniques, students learn to prevent burnout, maintain mental health, and cultivate the inner wholeness necessary for authentic and sustainable digital leadership. This course invites students to engage with technology more intentionally.
*Pre-Requisites: None*

COM 3304 Group Dynamics

Theory and practice in group communication: goal setting, problem solving, listening, feedback, and leadership. Cross-listed as PSY 3304.
*Pre-Requisites: COM 1300*

COM 3308 Persuasive Communication

Theory and practice of personal and public persuasion with an emphasis on how to change attitudes, understand purchasing behavior, and increase influence.
*Pre-Requisites: None*

COM 3310 Strategic Communication

An introduction to the basics of public relations including best practices, case studies, and ethical concerns. It includes a study of the application of new media communication to the art of public relations.
*Pre-Requisites: None*

COM 3320 Media Law and Ethics

Development of and rationale for constitutional protections, legal regulations, and ethical responsibilities of the mass media in the United States
*Pre-Requisites: None*

COM 3325 Interpersonal Relationships

Investigation into the communication and psychology of family dynamics, friendships, and romantic partners. One goal of this course will be to understand our own relationships and seek to improve them. Cross listed with PSY 3325
*Pre-Requisites: PSY 1311*

COM 3331 Organizational Communication

A study of communication theories and their application for organizations. Students will develop leadership skills in identifying and resolving communication barriers that inhibit efficient organizational performance.
*Pre-Requisites: None*

COM 3335 Intercultural Communication

Course explores communicating from one culture to another and will include worldview, religion, values, language, nonverbal communication, context and other topics related to becoming a competent communicator in cross-cultural situations. The course will require the student to spend time in a culture different from their own.
*Pre-Requisites: None*

COM 3337 Digital Identity, Influence, and Vocation

This course examines the relationship between personal identity, public influence, and meaningful work in the digital age by exploring the intersection of Christian vocational discernment and the construction of digital identity. Central to the course is the recognition that vocational discernment requires honest self-examination: we cannot determine what we should do without grappling with who we are and who we might become. Students will investigate how digital identity formation shapes and reveals character, how online personas both reflect and reshape our sense of self, and how the amplification of influence through digital media raises the ethical stakes of digital interactions. This course welcomes students of all faith backgrounds to evaluate influence not only by reach or impact, but by responsibility and purpose. Students gain marketable skills in digital self-presentation, intercultural sensitivity, and ethical engagement in the digital sphere.
*Pre-Requisites: None*

COM 3340 Visual Communication Design

Explore major theoretical and practical approaches to the creation and analysis of visual images. This course will help students develop their visual literacy skills by teaching them to critically evaluate and responsibly construct visual arguments. Students will hone their visual literacy skills by developing a basic understanding of the physical and cognitive processes of visual communication, the elements of visual language, and the principles of visual organization that can affect perception.
*Pre-Requisites: None*

COM 3350 Conflict Resolution

Systematic and critical understanding of communication theory and research focused on conflict across various contexts. Application of communication strategies as practical tools for the analysis, management, and resolution of conflict within a broad range of complex interactions.
*Pre-Requisites: None*

COM 3360 Topics in Communication

Examination of particular trends, contemporary challenges, developing contexts, and emerging technologies relevant to the study of communication and not already a central focus of the existing courses in the Communication major. While the topics will vary, each will provide a focused compliment (depth) to other courses that provide a more general perspective (breadth). This course may be repeated for credit when topic is different.
*Pre-Requisites: None*

COM 3370 Health Communication

A fascinating study of communication in the field of health; focusing on the origins and theories of health communication, and exploration of the

complexities inherent in both verbal and nonverbal communication, and health messaging. Additional focus will be on several contemporary areas within the field of health communication research and practice. Cross-listed as PUBH 3370.
*Pre-Requisites: None*

COM 3398 National/International Studies

A travel course to immerse the student in real-world contexts where students can observe and analyze communication practices in various settings.
*Pre-Requisites: Consent of instructor. Course Fee: Varies by travel course.*

COM 4301 Digital Storytelling

In an effort to remain relevant, news organizations have had to embrace emerging technologies and social media as a means of delivering content and engaging audiences. This course studies the practice of digital journalism through visual storytelling techniques. Students not only learn the basics of digital audio, video, and image production and editing but also explore topics such as how to engage online audiences, how to write and optimize content for search engines, and how to measure performance across various platforms.
*Pre-Requisites: None*

COM 4310 Communication Internship

Supervised experience working with communication professionals in production, public relations, or other communication-related fields. Fulfills Experiential Learning requirement.
*Pre-Requisites: Junior or Senior Level Standing*

COM 4340 Visual Production & Design

Introduces students to a range of creative software for graphic design, visual layout, and audio and video editing. In this course students will study the creative, technical and production elements required to produce visuals for a variety of print and digital media. Students will learn to create visual communication materials and marketing collateral including flyers, new packages, podcasts and ads.
*Pre-Requisites: None*

COM 4350 Communication Capstone

This course assists students in transitioning from their Communication major to a being a professional in the communication field, and is required of all graduating Communication majors. Students will complete on-campus projects in the three concentrations offered alongside the Communication major: interpersonal communication, public relations and advertising, and visual communication. Additionally, students will utilize the knowledge and skills learned in other courses to build their network, working with a professional mentor, and explore job opportunities.
*Pre-Requisites: Senior level/standing (90+ completed hours)*

COM 4351 Advertising Management

Through projects and texts, students will develop an understanding of the creation of effective advertising, media planning and budgeting, and advertising strategy as it relates to the overall marketing mix and strategic plan of the organization, with special emphasis on advanced copywriting and layout, for print and broadcast media. Cross listed with BADM 4351.
*Pre-Requisites: BADM 3313, BADM 3350*

## Computer Science

CIS 1300 Technology of the Digital Age

This course is an introduction to digital computing, including study of how computers organize, transmit, and process information. Students will consider the ethical, cultural, and legal issues surrounding technology, as well as concepts and tools underlying the web and computer programs. This course satisfies the Technology component of the CTX Common Experience.

CSC 1401 Introduction to Computer Science I

The course introduces a broad overview of computer sciences topics: data storage, computer architecture, networking programming concepts, algorithms, and security. Translate problems into algorithms and implement using Python with basic Python programming skills pertaining to variables, data types input/output, control flow, sequences and functions.
*Pre-Requisites: Eligible for Lower College Entry Level Math.*

CSC 1402 Introduction to Computer Science II

In this course program design, write, test and debug using Python. Program design includes complex data structure like lists, sets, dictionaries, and libraries. Write scripts for productivity and advanced structured programs using control statements, functions, modules, file I/O, exceptions, and string data types. Review and implement Python programming using object-oriented programming.
*Pre-Requisites: CSC 1401 or consent of instructor*

CSC 1410 Introduction to Geographic Information Systems

Introduction to geographic information systems (GIS) and global positioning systems (GPS) for use in data analyses in the sciences and social sciences. Units on basic GIS and cartographic design, internet mapping, cell phone applications, and GPS data collection. This course satisfies the Common Experience Technology requirement, however it does not fulfill the Common Experience Natural Science with Lab requirements. Cross-listed with ESC 1410.
*Pre-Requisites: None*

CSC 2305 Discrete Structures

This course is an analysis of the basic structures that form the foundations of mathematics and computer science including statements, sets and subsets, number sets, sequences, relations, orderings, partitions, functions, graphs, and trees. Structures defined through induction and recursion, including introduction to the solutions of recurrence relations are addressed. Emphasis will be on formal logical and combinatorial proof. Cross-listed with MTH 2305 Discrete Structures.
*Pre-Requisites: CSC 1401 with a grade of "C" or higher, as well as MTH 1352 with a grade of 'C' or higher (or math placement at Upper College Entry Level)*

CSC 2306 Business of Software Development

This course explores the business context and financial considerations of software development and infrastructure decisions for a software company. Additional topics include an overview of different business models for SaaS, Mobile, and On-Premise solutions as well as partnership models to develop and sell software products.
*Pre-Requisites: None*

CSC 2403 Data Structures & Algorithm Analysis

A course in data structures and algorithms. Topics include linked lists, stacks, queues, priority queues, binary trees, search algorithms, sort algorithms, graph algorithms, Recursion, and algorithm efficiency analysis.
*Pre-Requisites: Must have completed or be co-enrolled in CSC 1402.*

CSC 3303 Computer Architecture

An introduction to the architectural features of single-processor (Von Neumann or SISD) computers.
*Pre-Requisites: None.*

CSC 3304 Networking: Theory and Applications

Understanding networks topologies, protocols, hardware and software. A hands-on approach to security, protection and management. Distributed applications and migrating different platforms are also discussed.
*Pre-Requisites: CSC 3302 and CSC 3303 or consent of instructor.*

CSC 3305 Database Design and Analysis

Principles for the design and management of database systems. Data and storage models, relational and hierarchical data models will be studied. Other topics include: normalization forms, canonical schema representations, data integrity and file security techniques.
*Pre-Requisites: CSC 1402 or consent of instructor. CSC 2305 is recommended.*

CSC 3306 Human Computer Interaction

This course will introduce the human factors area of computer science examining success (and failures) and current work in the subject area.
*Pre-Requisites: CSC 1402 or consent of instructor*

CSC 3307 Artificial Intelligence

An introduction to the basic concepts and techniques of artificial intelligence using the programming language LISP. Topics covered include natural languages, vision systems, search strategies and control, with an emphasis on representation.
*Pre-Requisites: CSC 1401 and CSC 2403 or consent of instructor*

CSC 3308 Computer Graphics

An introduction to the generation and manipulation of graphical images on computer displays. Topics include representation of curves and surfaces, 2D and 3D transformations, hidden edge and surface elimination, and shading.
*Pre-Requisites: CSC 1402, MTH 2402, and MTH 3311 or consent of instructor*

CSC 3309 Numerical Analysis

Algorithms of numerical analysis are covered. Topics include floating point arithmetic, approximation, numerical integration and differentiation, solution of nonlinear equations, and solution of ordinary differential equations. Programming assignments will give experience in applying selected algorithms.
*Pre-Requisites: CSC 1402 and MTH 2402 or consent of the instructor. Cross-listed with MTH 3309.*

CSC 3310 Topics in Computer Science

Special topics in computer science that are new or unique that are not covered in existing courses. Possible topics include: computer design, Java programming, parallel and distributed computing. May be repeated for credit when topics differ.
*Pre-Requisites: Adjusted according to topic.*

CSC 3311 Programming Language Concepts

A comparative study of programming languages covering their history, development, and design criteria; formal definition of syntax and semantics; concepts and constructs; similarities and differences between languages; major language paradigms to include examination of object-oriented, functional, and concurrent languages; exception handling, modularization, scoping, etc. Students program in at least one language they have never used before.
*Pre-Requisites: CSC 2403.*

CSC 3312 Introduction to Data Science

This course provides an introduction to Data Science and Data Analytics using Python programming language and supporting libraries to integrate aspects of computer science with a variety of data preparation and statistical analysis techniques. Perform, interpret and evaluate analytic inquiries to address explorative or hypothetical outcomes. Specific techniques involve tests of inter-variable association, correlation, regression, and clustering.
*Pre-Requisites: CSC 1401 and CSC 1402 and MTH 2301 or BADM 2301, or other introductory statistics course.*

CSC 3314 R Programming

This course will cover the fundamentals of R programming and its applications in data science. Course will provide hands-on experience in data manipulation, visualization, and statistical analysis using R, including programming in R, reading data into R, accessing R packages, writing R functions and debugging.
*Pre-Requisites: MTH 2301 and CSC 2403*

CSC 3315 Systems

This course provides a foundational understanding of core software systems and exposure to the utilization of LINUX command line through a cloud-based server. In particular, topics include operating systems, networking and communications, parallel and distributed computing, and systems fundamentals.
*Pre-Requisites: CSC 2305 and CSC 2403*

CSC 3316 Data Visualization

his course focuses in communicating results of data analysis to a variety of audiences by developing effective data visualization designs that address specific data acquisition, parsing, filtering, mining, representation, refinement, and interaction requirements. Focus will be on synthesizing the technical components of data analysis into reports, presentations, and visual dashboards that are meaningful for the intended audience.
*Pre-Requisites: CSC 3305*

CSC 3317 App Development

The intent of the course is to provide a rotating course that would teach a specific computer language, providing students with exposure to additional programming languages. The specific language would vary periodically. Possible projects may be mobile development (iOS or Android), Java, or Java Script.
*Pre-Requisites: CSC 2403 and CSC 3311, or consent of the instructor.*

CSC 3319 Cryptography

Applications of abstract algebraic and number theoretic concepts to the science of secure cryptography. Topics include historical ciphers, public-key cryptography, signed messages, secure protocols, and cryptanalysis, especially as these deal with electronic communications.
*Pre-Requisites: CSC/MTH 2305 and one of: CSC 1401, MTH 3313, or MTH 3315*

CSC 3320 Theory of Computation

This course introduces the theory of computability, including important results from study of automata and formal languages. The course begins with the study of automata and their relationship to regular, context free and context sensitive languages. Notions of decidability and undecidability are discussed and this is related to complexity analysis.
*Pre-Requisites: CSC 2403 or consent of instructor*

CSC 3323 Emerging Technologies in Cybersecurity

The latest advancements in cybersecurity equip students with the knowledge and skills necessary to navigate the dynamic threat landscape. Topics include artificial intelligence (AI) and machine learning (ML) in threat detection, blockchain for secure transactions, quantum computing's impact on encryption, zero-trust architecture, and cloud security innovations.
*Pre-Requisites: CSC 3315 and CSC 3330*

CSC 3325 Cyber Defense and Countermeasures

This course provides an in-depth exploration of cyber defense strategies and countermeasures used to protect digital systems from evolving threats. Students will learn about risk assessment, threat modeling, intrusion detection and prevention, security policies, ethical hacking techniques, and incident response.
*Pre-Requisites: CSC 3315 and CSC 3330*

CSC 3330 Information Security

This course provides an overview of information security and assurance, including technical, procedural, and policy considerations. In particular, topics include: threats, vulnerabilities and countermeasures; authentication and authorization; modern cryptography; protection against malicious code and other attacks; security for networks; secure software issues; privacy; and emerging information security challenges.
*Pre-Requisites: CSC 2305 and CSC 2403.*

CSC 3331 Cloud Computing & Open Source Software

This course provides an understanding of cloud computing principles and infrastructure components to inform architecture and engineering decisions. Additionally, this course explores various Open Source software and frameworks and approaches to use and combine them for new solutions. CTX's Speaking Center workshops (e.g., impromptu speaking and presentations, team dynamics workshops) and coaching will be integrated into the course.
*Pre-Requisites: CSC 2305 and CSC 2403*

CSC 3410 Geospatial Technologies

Introduction to geographic information systems (GIS) and global positioning systems (GPS) for use in environmental analyses and mapping. Units on cartographic design; internet mapping; cell phone applications and add-ons; GPS and drone navigation and data collection. Laboratory will focus on GIS applications. Cross listed with ESC 3410.
*Pre-Requisites: CIS 1300 or 1401*

CSC 4301 Senior Design/Independent Study

A working study/project led by an instructor. Projects consist of design and development of computer science related hardware or software systems for local businesses or any other commercial organization, but within the capacity of a senior student to complete within a term.
*Pre-Requisites: Senior level computer science student or consent of instructor.*

CSC 4310 Computer Science Internship

Students will participate in an on-the-job computer science work experience under the direct supervision of professionals in a corporation or government agency. A senior level course for computer science majors only. Fulfills Experiential Learning requirement.
*Pre-Requisites: Junior or senior standing*

CSC 4311 Experiential Learning Capstone I

This is the first of a two-course series. This series is designed to provide students “real world” experience with the Software Development Life Cycle (SDLC) by developing a project for a local technology organization. Projects may be a R&D, automation, or value-add initiative for the partner organization. During this series students will apply both the technical and communication skills that have been developed while pursuing the interdisciplinary Computer Science major. This course provides students with the opportunity to gain the desired experience with the additional guidance and support from a faculty member overseeing the project development and delivery.
*Pre-Requisites: CSC 1401, CSC 1402, CSC 2403, CSC 2305, CSC 3303, CSC 3311, CSC 3330 and senior status as a computer science major*

CSC 4312 Experiential Learning Capstone II

This is the second of a two-course series. In this course, students continue the project started in CSC 4311 with a focus on the design and implementation of the project. This series is designed to provide students “real world” experience with the Software Development Life Cycle (SDLC) by developing a project for a local technology organization. Projects may be a R&D, automation, or value-add initiative for the partner organization. During this series students will apply both the technical and communication skills that have been developed while pursuing the interdisciplinary Computer Science major. This course provides students with the opportunity to gain the desired experience with the additional guidance and support from a faculty member overseeing the project development and delivery.
*Pre-Requisites: CSC 4311.*

CSC 5005 Foundations of Computer Science

This preparatory course strengthens knowledge in core areas of computer science to ensure readiness for advanced study. Students may be assigned one or more foundational modules in the areas of programming fundamentals, data Structures, and/or operating systems based on admissions assessment criteria. These modules

reinforce essential computing principles while developing the problem-solving and analytical skills necessary for graduate-level coursework. Students will gain proficiency in programming practices, algorithmic reasoning, and systems-level concepts, while also becoming familiar with program resources, technology tools, and academic expectations.
*Pre-Requisites: Contingent admission to the MCS program as determined during the application process; module assignment(s) determined by admissions evaluation.*

CSC 5300 Advanced Algorithms

This course covers the design and analysis of efficient algorithms for various computational problems. Emphasis is placed on algorithmic thinking, computational complexity, NP completeness, sorting, manipulation of data structures, graphs, matrix multiplication, and pattern matching.
*Pre-Requisites: For contingently-accepted MCS admits, successful completion of leveling course CSC 2403.*

CSC 5302 Operating Systems

This course covers principles of operating systems, process management, threading, synchronization, memory management, virtual memory, file systems, I/O systems, security, and device management.
*Pre-Requisites: For contingently-accepted MCS admits, successful completion of leveling course CSC 3315.*

CSC 5304 Database Systems

This course covers methods, principles, and concepts that are relevant to the practice of database software design. Topics include data models, data model theory, optimization and normalization, integrity constraints, query languages, and intelligent database systems.
*Pre-Requisites: For contingently-accepted MCS admits, successful completion of leveling courses CSC 2403 and CSC 3315.*

CSC 5308 Software Engineering

Focused on modern software engineering principles and practices, this course addresses software development lifecycles, requirement analysis, software design patterns, testing methodologies, version control, and maintenance. Emphasis will be on planning and managing a software development project from initiation to implementation.
*Pre-Requisites: CSC 5300.*

CSC 5310 Software Project Management

This course provides a comprehensive coverage of managing software projects in professional environments. Topics include project planning, scheduling, risk management, cost estimation, quality control, and team dynamics. Emphasis is placed on using industry-standard tools and methodologies such as Agile, Scrum, and PMI standards to manage real-world software projects effectively.
*Pre-Requisites: CSC 5300.*

CSC 5312 Human Computer Interaction

This course offers an interdisciplinary exploration of Human Computer Interaction (HCI), examining its principles and practices through technical, organizational, and societal lenses. Students will engage with foundational and advanced topics, including user-centered design, interaction models, accessibility, and the ethical dimensions of technology.
*Pre-Requisites: None.*

CSC 5324 Capstone Project I

Course addresses applied research or software development in a real-world context. Under faculty supervision, students define project scope, establish goals, and create a work plan. Students identify a project or research topic, conduct literature reviews, develop proposals, design and implement the project.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5325 Capstone Project II

Capstone II is a continuation of Capstone I. Students will continue software development, testing, and deployment with final presentations and documentation. Successful completion requires faculty approval and a formal evaluation process.
*Pre-Requisites: CSC 5324 with grade of 'C' or higher.*

CSC 5326 Thesis I

Thesis I is the foundation graduate research experience. In this course, students initiate their thesis work by selecting a research topic, formulating a research question or hypothesis, and developing a detailed proposal under the supervision of a faculty advisor. The course involves comprehensive literature review, methodology planning, and initial data collection or design as appropriate.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5327 Thesis II

Thesis II is the continuation and culmination of the student's graduate research project initiated in Thesis I. Students will execute their approved research plan through data collection, analysis, system implementation, or experimentation, as appropriate to their field of study. The course concludes with the preparation of a formal thesis document and a successful oral defense before a faculty committee.
*Pre-Requisites: CSC 5326 with grade of 'C' or higher.*

CSC 5330 Secure Software Development

This course provides a comprehensive overview of security vulnerabilities in information systems and foundational techniques for developing secure applications and promoting safe computing practices. Topics include common attack vectors such as buffer overflows, Trojans, and viruses, as well as platform-specific security considerations.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5332 Network Security

A comprehensive study of securing computer networks against internal and external threats. Topics include firewalls, intrusion detection and prevention systems, VPNs, wireless security, and cryptographic protocols.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5334 Secure Architecture Design

This course focuses on architecture-level vulnerabilities, secure architecture design principles and applications to modern microprocessors. Students explore vulnerabilities, countermeasures and new secure design principles.
*Pre-Requisites: CSC 5324 with grade of 'C' or higher.*

CSC 5336 Digital Forensics

This course introduces students to the principles and tools of digital forensics used in investigating cybercrime. Topics include evidence collection, preservation, analysis of file systems, memory, and network data, as well as legal and ethical considerations.
*Pre-Requisites: CSC 5300, 5302, and 5304 with grades of 'C' or higher.*

CSC 5350 Artificial Intelligence

This course provides a comprehensive introduction to the fundamental problems, theories, and algorithms in the field of artificial intelligence (AI). Topics include knowledge representation logic and deduction, expert systems, planning, language comprehension, and machine learning.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5352 Deep Learning

This course covers deep learning, a branch of machine learning concerned with the development and application of modern neural networks. Students understand deep neural networks, and their applications to various AI tasks, and learn how to lead successful machine learning projects.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5308 with grades of 'C' or higher.*

CSC 5354 Natural Language Processing

This course covers methods for natural language processing, its related algorithms and ideas. The course presents advanced material on lexical knowledge acquisition, natural language generation, machine translation, and parallel processing of natural language.
*Pre-Requisites: CSC 5300, 5302, and 5304 with grades of 'C' or higher.*

CSC 5356 Generative AI and Language Models

This course examines the evolving landscape of generative artificial intelligence technology with a focus on technologies driven by Large Language Models (LLMs). This class covers the theory, techniques, and practical applications of Generative AI using Large Language Models and their associated applications. Students will explore the intricacies of large language models developing a comprehensive understanding of their underlying mechanisms.
*Pre-Requisites: CSC 5350 with grade of 'C' or higher.*

CSC 5370 Fundamentals of Data Science

This course covers the practical and theoretical aspects of data science as applied to real-world scenarios. The course examines descriptive, exploratory, inferential, predictive, and causal approaches to data, highlighting methods for addressing complex problems across diverse domains. Topics include the data science process, tools for data exploration and modeling, and the underlying concepts and technologies related to data analysis.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5304 with grades of 'C' or higher.*

CSC 5372 Data Management for Data Science

This course covers fundamental and advanced principles of data management essential for data science applications. It explores the design and use of database management systems (DBMS) with a focus on efficiently storing, querying, and processing large datasets.
*Pre-Requisites: CSC 5300, CSC 5302, and CSC 5304 with grades of 'C' or higher.*

CSC 5374 Statistical Methods for Data Science

This course covers the foundation in statistical techniques essential for data analysis and modeling. Topics include hypothesis testing, regression, Bayesian inference, and multivariate analysis. The course emphasizes practical applications of statistical methods using real-world datasets and tools like R or Python.
*Pre-Requisites: CSC 5370 with grade of 'C' or higher.*

CSC 5376 Data Mining

This course introduces methods for discovering patterns and relationships in large datasets. Topics include classification, clustering, association rule mining, anomaly detection, and model evaluation. Students apply mining algorithms to solve problems in domains such as marketing, fraud detection, and healthcare.
*Pre-Requisites: CSC 5370 with grade of 'C' or higher.*

## Criminal Justice

CRIJ 1301 Introduction to Criminal Justice

This course is a general overview of the criminal justice system including a description of the major agencies: police, prosecution, courts, and corrections, and an analysis of their interdependence in the criminal justice process. This course introduces the core working philosophies of the criminal justice system from the crime control and due process models of justice and an understanding of the agencies that follow those methodologies.
*Pre-Requisites: None*

CRIJ 2313 Corrections, Probation, & Parole

Provides an overview of the major facets of the American correction system, a historical look at our penal system to the innovations of Parole and Probation as well as other community based corrections systems and their overall impact on the criminal justice system. The success or failures of rehabilitation efforts and other programs, juvenile probation and juvenile boot camps will be discussed.
*Pre-Requisites: CRIJ 1301*

CRIJ 2328 Policing Systems and Practices

An extensive overview of the policing systems used in America. Looks at our criminal justice system from its roots in the British system, the Code of Hammurabi, Mosaic Laws, London Metropolitan Police Department and Bow Street Runners as precedents to our modern system of criminal justice agencies which emerged in New York, Boston, and Philadelphia. Examines different models or styles of policing, from the watchman, legalistic, and service styles and examine the recent innovations such as Community Policing and Intelligence Led Policing and their relevance in today's policing agencies.
*Pre-Requisites: CRIJ 1301*

CRIJ 3300 Faith and Justice

Explores the interaction of our country's retributive justice system with our faith's call for justice, including examination of justice themes as applied to economic, immigration, trafficking and slavery, peacemaking, social, restorative, environmental, prison ministry, civil and voting rights, and related justice efforts.
*Pre-Requisites: None*

CRIJ 3301 The Faithful Lawyer

Explores the conflict among ethical, moral, and faithful conduct for attorneys licensed by the state, the outcomes expected by public and private clients, the vocational stress produced by professional demands and boundaries, and our faith's call to do justice, to love mercy, and to walk humbly with our God.
*Pre-Requisites: CRIJ 1301*

CRIJ 3302 Criminal Law

Designed to provide a basic concept of criminal law and to provide legal ground work for those who seek to enter the criminal justice system. This course will focus on the impact of statutes and case law on criminal justice system practitioners; included are the 4th, 5th, 6th, 8th and 14th Amendments as they affect the accused, the convicted, and the employees working in the criminal justice system as well as issues of arrest, search and seizure, admittance of evidence and the rights of the accused. Serves as a legal update of current changes in the law.
*Pre-Requisites: CRIJ 1301*

CRIJ 3304 Criminal Investigations

examination of criminal investigation fundamentals including the establishment of a crime scene perimeter, unified command, and various methods of crime scene searches, collection and preservation of evidence, interviews, interrogation, case preparation, and the familiarization with specific instrumentation in crime detection and evidence selection for evidentiary value. This course will also introduce areas of administrative law and its impact on the function of bureaucracies and public agencies.
*Pre-Requisites: CRIJ 1301*

CRIJ 3305 Forensic Science and Criminalistics

Explores forensic science from the biological, chemical, and criminalistics perspective, including application from the crime scene to the court process; uses laboratory methods of instruction; examines evidence, court procedures, legal and ethical issues, and the role of forensic science in the field of criminal justice; and distinguishes appropriate techniques based on crime typology.
*Pre-Requisites: CRIJ 1301*

CRIJ 3306 Management in Law Enforcement

A study of management functions in a modern criminal justice organization, the internal and external environmental factors affecting organizational efficiency, and the application of quantitative and behavioral science. The function of the leader and principles of management are viewed from an integrative perspective, including line and staff interactions and relationships. Theories of management, authority and responsibility, issues of centralization and decentralization, planning, organizing, staffing, directing and controlling will also be studied in the course.
*Pre-Requisites: CRIJ 1301*

CRIJ 3309 Gangs & Organized Crime

Examines both gangs and organized criminal groups. Traces the origins and historical development of the activities known as "organized crime". Focuses on American gangs, both youthful street gangs and militaristic prison gangs with strict hierarchy. Topics include the history of gangs, gang and gang member characteristics, gang life, and strategies of gang control. The link between youth street gangs, prison gangs, and other deviant collectivities will be explored.
*Pre-Requisites: CRIJ 1301*

CRIJ 3310 Juveniles in Criminal Justice

An in-depth study of the juvenile justice system. Topics covered are the development of delinquent behavior, victimology, initial handling and proper referrals, preventive police techniques, special police problems with juveniles, juvenile law, and related juvenile justice agencies. Plea bargains, juvenile probation, restorative vs. rehabilitative models and other best practices in juvenile justice will also be discussed.
*Pre-Requisites: CRIJ 1301*

CRIJ 3311 Criminology

Explores issues such as crime causation and the involvement of the criminal justice and corrections systems in these issues. Provides an analysis of the major criminological theories from the predominant "schools" of criminological thought; including the classical theories and rational choice; positivism and trait theories, psychoanalytic theories, social structure, social process, and social bonds theories. Particular focus upon the evolution of the theories from the classical and positivism schools of thought to the modern choice and trait theories, as well as the evolution of the sociological theories. Cross-listed with SOC 3311.
*Pre-Requisites: CRIJ 1301*

CRIJ 3312 Criminal Profiling

Explore the interwoven biological, psychological and social antecedents and correlates of criminal behavior. Psychological issues and their relation to criminal and anti-social behavior will be studied. An overview of profiling techniques; provides a definition of the modus operandi and signature aspects of serial crimes with a focus on serial rape, arson, and murder investigations and the tactics and techniques of using methods of both inductive and deductive reasoning to solve cases which pose the greatest threat to both law enforcement and the public.
*Pre-Requisites: CRIJ 1301*

CRIJ 3313 White Collar Crime

Explores domestic and international white collar crime, agencies tasked with investigating and prosecuting white collar crime, applicable criminal laws, underlying sociological and criminological theories, the criminals who commit such crimes, and victim impact.
*Pre-Requisites: CRIJ 1301*

CRIJ 3314 Ethics in Criminal Justice

Presents ethical issues that arise in the three major areas of criminal justice: police, courts, and corrections as case studies with discussion

of their application. General philosophical theories of ethics from both historical as well as biblical accounts will be discussed and an elaboration provided about the codes of ethics that operate to control the institutional and personal behavior of police, courts and correctional systems.
*Pre-Requisites: CRIJ 1301*

CRIJ 3316 Victimology and Victim Rights

This course has the dual purpose of looking at the impact of crime upon victims and on our legal system, and conducts a brief overview of the crime victim role, criminal-victim relationships (either passive or active), and societal reaction to victimization, including crisis-intervention centers, court related victim/witness services, restitution and compensation.
*Pre-Requisites: CRIJ 1301*

CRIJ 3320 Homeland Security

Designed to introduce the student to the scope of issues facing the American public, the private sector and law enforcement on securing the country against threats posed by domestic and international terrorist groups, students will be given an overview of different terrorist and extremist groups to understand their goals, objectives and modus operandi. Threats to American interests abroad will be analyzed. Emphasis will be given to prevention, preparedness, and response. The roles of local, state and federal agencies in homeland security and critical infrastructure and key resource (CIKR) protection are examined.
*Pre-Requisites: CRIJ 1301*

CRIJ 3322 Roots of Terrorism

Understanding terrorism as a political crime. Focus is on the historical aspect of terrorism and how the use of terrorism as a tool of the weak has evolved from its use by the Jews in Roman times, by radical ancient Muslims, and then to its current contextual use by the French, Russian, Irish, and Basque movements and finally the modern radical Islamic terrorist groups. Various methods of attack from ancient poisons to modern bombing techniques culminating with the aircraft used during the attacks of 9/11 will be compared and contrasted to symmetrical and other asymmetrical forms of combat.
*Pre-Requisites: CRIJ 1301*

CRIJ 3330 Sociology and Psychology of Terrorism

This course helps the student in understanding terrorism as a political crime. The focus includes an examination of the sociological and psychological aspects of terrorist behavior; it includes portions on the different tactics of terrorism recruitment and attacks as well as the social psychology and religious aspects of terrorist group recruiting and formation to give the student a well-rounded understanding of the use of terrorism as a tool or tactic.
*Pre-Requisites: CRIJ 1301*

CRIJ 3335 – Social Science Methods

This course focuses on the use of quantitative and qualitative research methodology that is most commonly utilized by social science practitioners. It will emphasize the use of techniques and ethical constructs that are typically employed by those working in social science fields. Cross-listed with POLS 3335.
*Pre-Requisites: CRIJ 1301.*

CRIJ 3377 – Gender & Crime

Gender disparities in contemporary patterns of crime, victimization, and incarceration will be explored. Focus will be on key concepts, major theories, and empirical research studies around gender and crime.
*Pre-Requisites: CRIJ 1301*

CRIJ 3388 – Race and Punishment

The social construct of race has played a central part in the inception and dramatic expansion of the U.S. criminal justice system over the past 50 years. This course will explore the causes and consequences of this expansion of the carceral state. The course will examine how race shapes, and is shaped by the carceral state by investigating how racialized social systems create inequalities in the delivery of punishment historically.
*Pre-Requisites: CRIJ 1301*

CRIJ 4305 Crime Mapping & Intelligence

An analysis of intelligence techniques and serves as a broad overview of military and crime analysis techniques and methodologies. The fundamental (steps of the analytic process) and philosophies beginning with traditional Military Intelligence and the movement that has led to Intelligence Led Policing will be discussed. Uses of analysts and systems to assist in investigations as they examine crime patterns and resolve community crime problems will be discussed. Analytical techniques including link diagrams, telephone tolls, and visual investigations will be discovered along with a theoretical and practical introduction to the benefits of crime mapping and the spatial analysis of crime.
*Pre-Requisites: CRIJ 1301*

CRIJ 4350 Criminal Justice Capstone

Examines the emerging trends in policing, from Homeland Security and Intelligence Led Policing to Crisis Intervention and Community Policing, and balances the theoretical goals of the police with their realistic expectations. Culminates in the development and production of a senior-level research paper grounded in relevant criminal justice literature regarding one of those topics. Emphasis is placed on the integration of knowledge acquired in previous courses and its practical application to problem sets provided throughout the class as projects.
*Pre-Requisites: CRIJ 1301*

## Curriculum & Instruction

CAI 6320 Curriculum Theory

Examines major curriculum philosophies that have influenced educators within the last century. Students will analyze four educational visions (Scholar Academic, Social Efficiency, Learner Centered and Social Reconstruction). Students will reflect on their personal educational philosophies.
*Pre-Requisites: None*

CAI 6321 Strategies for Professional Development

Designed to engage students in the examination of current research and trends in professional development for campus and district instructional staff. Students will have the opportunity to learn about development, implementation and evaluation of campus and district-level professional development and will explore adult learning strategies and motivation.
*Pre-Requisites: None*

CAI 6322 Curriculum Design

Examines the impact of 21st Century Standards on the development, implementation and evaluation of state and local curricula.
*Pre-Requisites: CAI 6320*

CAI 6323 Research IV - Proposal

Focuses upon preparation of the dissertation proposal which will include selection of topic, development of problem statement and research hypotheses/questions, initial review of literature, design of study, and significance and limitations of study.
*Pre-Requisites: None*

CAI 6324 Assessment of Student Learning

Provides students with the tools to develop, maintain, and evaluate an effective student learning assessment process. Exploration of the assessment process will include: how to write appropriate learning objectives, the utilization of learning goals, formative and summative assessment, the differentiation of testing formats and what they really assess, the utilization of rubrics for improved instruction and feedback, and an understanding of the values of writing ethical assessments to meet the needs of all students.
*Pre-Requisites: None*

CAI 6325 Contemporary Issues

Explores the issues in curriculum and instruction which are current as well as those that continue as ongoing issues in education. Topics such as teacher accountability, a centralized curriculum, equity and access, high-stakes testing, and culturally responsive teaching are among the topics to be explored. This will be an evolving course driven by the issues that affect educators.
*Pre-Requisites: None*

CAI 6351 Program Evaluation

Examines different theoretical models of evaluation and will evaluate an educational program by constructing and administering instruments, analyzing the data gathered, determining the worth of the program, writing an evaluation report, and presenting the report to the personnel of the program evaluated, including presentation for the class.
*Pre-Requisites: None*

CAI 6352 Supervision & Leadership

Examines research related to the effective supervision of curriculum and instruction at the school, district, and system levels
*Pre-Requisites: None*

CAI 6335 Practicum I

The first of two semesters of fieldwork of the Ed.D. Curriculum & Instruction program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.
*Pre-Requisites: None*

CAI 6336 Practicum II

The second of two semesters of fieldwork of the Ed.D. Curriculum & Instruction program, wherein students will spend time with one or more

mentors in a campus or central office setting and record hours in each of the applicable program objectives.
*Pre-Requisites: None*

## Early Childhood Education

ECE 3320 Early Childhood Education Curriculum Methods and Materials

This course will examine organization, materials, curriculum, and methods in preschool, kindergarten, and primary education. Techniques in working with primary age students will be emphasized. Therefore, course meetings and learning experiences are interactive and participatory. Fieldwork at a local school in an early childhood setting is required as part of this course.
*Pre-Requisites: Credit for EDU 3101 Teacher Education Seminar I*

## Economics

ECO 2301 Introduction to Macroeconomics

Macroeconomics is the social science that studies the way societies, in the aggregate, allocate scarce resources to unlimited wants. Topics of the course include introductions to: supply and demand, Gross Domestic Product, inflation, recession, unemployment, aggregate private investment, government fiscal policy, monetary policy, international trade, and the effects that each of these have on the nation's economy in the classical, Keynesian, and monetarist frameworks.
*Pre-Requisites: None*

ECO 2302 Introduction to Microeconomics

Microeconomics is the social science that studies the ways individual economic agents allocate scarce resources to unlimited wants. Topics of the course include introductions to: supply and demand, elasticity of supply and demand, consumer behavior, firm behavior, competition, monopoly, oligopoly, and monopolistic competition, resource markets, market failures, antitrust policy, and issues of economic equity.
*Pre-Requisites: None*

## Education

EDU 1302 Intro to Education

An introduction to the roles and responsibilities of the teacher, the characteristic of today's schools and curriculum, and selected issues facing today's teachers. Fieldwork includes teacher-aide and observation experiences in a local elementary, middle, or senior high school. Observations/activities will focus on the child as learner, teaching strategies, management procedures, classroom climate, and roles of the teacher. Course includes critical steps to teacher certification in Texas. Graded as Pass/No-Pass.
*Pre-Requisites: Interdisciplinary Studies or Education Content Curriculum major*

EDU 2304 Children's Literature

A survey of the evolution of children's literature, and the exploration, analysis, and evaluation of significant literature for children's needs, interests, and capabilities. Emphasis is given to the study of the various genres of children's literature and styles of illustration. Suggestions are shared for elementary level storytelling, oral reading, and literacy projects. Extensive documented reading of children's books is required.
*Pre-Requisites: None*

EDU 2310 Intro to Exceptional Learners

This course focuses on the foundation of special education. Students will be introduced to basic theories and concepts related to identification and classification of exceptional learners, legislation and litigation in special education, best practices for classroom instruction for exceptional learners, and factors that promote effective consultation and collaboration with families, educators, and other professionals. Minimum of 15 hours of fieldwork required. Fulfills Experiential Learning requirement.
*Pre-Requisites: Grade of 'Pass' in EDU 1302; or a grade of 'C' or higher in EDU 1202 or 2201*

EDU 2320 Teaching Culturally & Linguistically Diverse Students

This course explores best practices in teaching culturally and linguistically diverse students. It is designed to build pre-service teachers' understanding of the influences of culture and home language(s) on language development and prepare them to assess and address the linguistic strengths and needs of students. This course is required of all Education students.
*Pre-Requisites: Grade of 'P' (Pass) in EDU 1302.*

EDU 2322 Fundamental Language Concepts and Language Acquisition

Fundamental Language Concepts and Language Acquisition will allow undergraduate pre-service teachers to prepare for bilingual instruction and emergent bilingual students by better understanding the processes of first language (L1) and second-language (L2) acquisition and the interrelatedness of L1 and L2 development. Students will also understand fundamental language concepts and know the structure and conventions of the English language.
*Pre-Requisites: Grade of 'C' or higher in EDU 2320*

EDU 2323 Educational Technology

This class is designed to familiarize students with the Technology Applications Standards and Competencies for Texas teachers and help prepare them to effectively use technology in planning and delivering instruction. This course follows a hybrid model in which students will learn best practices for teaching remotely. 50% of the course will be conducted in a virtual, synchronous format at a designated day and time, while the other 50% of the course will be conducted fully-online in an asynchronous format. Required of all education majors. Fulfills Technology requirement for teacher education students.
*Pre-Requisites: Grade of "Pass" in EDU 1302; or a grade of 'C' or higher in EDU 1201 or EDU 2201*

EDU 2343 Educational Psychology

Educational Psychology is designed to introduce psychological principles, theories, and methodologies to issues of teaching and learning in schools. Topics include learning theory, learner characteristics, intelligence, creativity, motivation, measurement and evaluation, and models of teaching for all learners. Examination of cognitive, social, moral development of students as they interact in the learning process also takes place. This course is required of all education students.
*Pre-Requisites: PSY 1311 Introduction to Psychology*

EDU 3101 Teacher Education Seminar I

This course prepares teacher education students to meet the TEA requirements to be accepted into a Texas Teacher Education Program and participate in their first fieldwork practicum. Graded as Credit/No-Credit.
*Co-Requisite: Grade of 'Pass' in 1302 Introduction to Education and grade of 'C' or higher in EDU 2343 Educational Psychology*

EDU 3261 Vocation of the Christian Educator

The topics of this course center on the systemic development of the Lutheran tradition of education in America. This course also emphasizes the tasks and function of the Christian educator in the role of commissioned minister status.
*Pre-Requisites: None*

EDU 3307 Mathematics for Teachers I

Designed for students completing degrees that prepare students for teacher certification in one of the following areas: Core Contents (EC-6 or 4-8) or Math 4-8. Topics: number concepts and theory; patterns and relationships. Students will integrate problem solving, reasoning, manipulatives and technology throughout.
*Pre-Requisites: MTH 1351 with a grade of 'C' or higher*

EDU 3308 Mathematics for Teachers II

This course is designed for students completing degrees that prepare students for teacher certification in one of the following areas: Core Contents (EC-6 or 4-8) or Math 4-8. Topics: proportional reasoning, geometry concepts, measurement, data, probability and statistics. Students will integrate problem solving, reasoning, manipulatives and technology throughout.
*Pre-Requisites: MTH 1351 with a grade of 'C' or higher*

EDU 3309 Mathematics for Teachers III

This course is designed to develop and extend the mathematical content knowledge of prospective middle school and high school teachers. Topics include problems in algebra, trigonometry, analytic geometry, calculus Euclidean geometry, probability, statistics, and discrete mathematics using technology. Graphing calculators and computers will be employed to illustrate and encourage conjecturing and problem solving with an emphasis on applications. In addition, a brief survey will be made of major documents and resources pertinent to secondary mathematics teachers, such as the NCTM Standards, state standards, teaching certification, and math anxiety. *Pre-Requisites: EDU 3307 and EDU 3308 with a grade of 'C' or higher, or MTH 2401 with a grade of 'C' or higher.*

EDU 3311 Teaching Strategies & Assessment

Instructional techniques and strategies that emphasize practical application of the teaching/learning process to include writing of instructional objectives and lesson plans,

delivery strategies, and grouping practices based on learning theory and learning styles as well as multiple intelligences. Includes formal and informal assessment, measurement and evaluation of curriculum, teaching strategies and student learning in the elementary classroom with an emphasis on the use of technology.
*Pre-Requisites: Credit for EDU 3101*

EDU 3331 Teaching Physical Education

Students will discover effective methods and techniques for teaching physical education while integrating the dimensions of wellness for healthy living. Major components of the course include writing instructional objectives and lesson plans, applying principles of organization and class management, and incorporating delivery strategies unique to physical education. Satisfies the Wellness requirement for the Common Experience. Cross-listed with KIN 3333
*Pre-Requisites: Grade of 'C' or higher in KIN 2301 or KIN 2302, or EDU 2343, or Admission to the Teacher Education Program.*

EDU 3333 Teaching Religion

This course is designed to prepare students for the teaching ministry. Emphasis will be the concepts, content, materials, and strategies necessary in teaching religion in the elementary, middle, secondary, and special education classrooms. Integration of the Christian faith into all aspects of parish and school ministry will be covered. Fieldwork in Christian schools is required for all students seeking a Christian Teacher Diploma. Fulfills Experiential Learning requirement.
*Pre-Requisites: Credit for EDU 4101*

EDU 3340 Societal Relationships & Classroom Management

This course will explore the vital and necessary interrelationships between the three elements present in the overall education of students or learners: school, home, and community. This course will also explore methods of effective classroom management strategies. This course is required of all education students.
*Pre-Requisites: Grade of 'C' or higher in EDU 2343.*

EDU 4010 Urban Immersion Seminar: Travel Field Experience

Students taking EDU 4301 Urban Immersion Seminar will register for one of two Field Experience courses. Students selecting the Travel Field Experience students will travel to a major urban center outside of Texas (likely New York City) to complete their field experience. Graded as Credit/No-Credit.
*Co-Requisite: Students must be registered for EDU 4301 Urban Immersion Seminar to complete this lab. Course Fee: $800.*

EDU 4012 Urban Immersion Seminar: Austin Area Field Experience

Students taking EDU 4301 Urban Immersion Seminar will register for one of two Field Experience courses. Students selecting the Austin Area Field Experience will be assigned to an Austin area campus for a week in which they will observe, assist and co-teach in a classroom situated in an urban setting. Students will reflect on their experiences and participate in online discussions. Graded as Credit/No-Credit.
*Co-Requisite: Students must be registered for EDU 4301 Urban Immersion Seminar to complete this lab*

EDU 4101 Teacher Education Seminar II

This course prepares teacher education students to meet their TExES content exam requirements. Students will also demonstrate competence applying teacher standards in their second practicum in preparation for their professional semester(s). Graded as Credit/No-Credit.
*Co-Requisite: Students must have credit for EDU 3101 Teacher Education Seminar I*

EDU 4103 Teacher Education Seminar III

This course prepares teacher education students to meet their TExES content exam requirements. Students will also demonstrate competence applying teacher standards in their second practicum in preparation for their professional semester(s). Graded as Credit/No-Credit.
*Co-Requisite: Students must have credit for EDU 4101 Teacher Education Seminar II*

EDU 4300 Secondary Content Methods

Application of classroom management and instructional strategies specific to the individual content area. In addition to academic study in their content area, students will observe master teachers, develop, deliver, and reflect on lesson plans, build professional relationships, and collaborate with their cooperating teachers in preparation for clinical teaching. Fieldwork required.
*Pre-Requisites: Credit for EDU 4101*

EDU 4301 Urban Immersion Seminar

This two-week interactive immersion seminar is designed to expose students to diverse classroom settings in another city. Students will visit and lead in the classroom, arrange and participate in city excursions, share devotions,

and reflect on their experiences. Students will engage in approximately 40 hours of fieldwork experiences observing classes and will complete reflections, participate in discussions and complete assignments after the observations. Students who successfully complete the Urban Immersion Seminar may apply up to 25 of their field experience hours toward the required hours in one of their subsequent practicum classes: RDG 3326 or 4327 (Interdisciplinary Studies majors) or RDG 3342 or EDU 4300 (Education Content Curriculum majors). Graded as Credit/No-Credit.
*Pre-Requisites: Credit for EDU 4101*

EDU 4305 Mathematical Methods-Elementary

Methods and strategies of teaching: logic, sets, relations, functions, operations, numeration systems, number theory, rational numbers, real numbers, informal geometry, measurement, probability, and statistics. Technology used to support math curriculum is explored. Fieldwork required. Fulfills Experiential Learning requirement.
*Pre-Requisites: Credit for EDU 4101*

EDU 4307 Science & Health Methods-Elem

Content and teaching methods for science and health in the elementary school. Application of child development theories in the teaching of science and health. Emphasis on active involvement of the child in inquiry. Extensive field experience required. Fulfills Experiential Learning requirement.
*Pre-Requisites: Credit for EDU 4101*

EDU 4312 Methods of Social Studies

Students discover geographic, historical, and culture content and strategies specific to designing and delivering effective social studies instruction for students in grades K-8. Technology and language arts are integrated across the ten themes of social studies through unit plans and activities. Fieldwork required. Fulfills Experiential Learning requirement.
*Pre-Requisites: Credit for EDU 4101*

EDU 4601 Clinical Experience for Yearlong Co-Teaching

Teacher candidates will develop their teaching skills under the mentorship of a highly qualified teacher with the support of a university supervisor in a yearlong co-teaching placement using a gradual release model. Residency candidates will complete their residency requirements during this class, repeated over two semesters according to the guidelines in the Teacher Residency Handbook. Clinical teaching candidates will complete half day clinical teaching requirements during this class, repeated over two semesters according to the guidelines in the clinical teaching handbook. Graded as Credit/No-Credit.
*Pre-Requisites: Students must be enrolled in or have credit for EDU 4103. Course Fee: $600*

EDU 41200 Clinical Teaching

Under the coaching guidance of cooperating teachers and university supervisors, students develop proficiencies in each of the educator standards through directed observation, co-teaching, planning and delivering lessons, managing a classroom and reflecting on their experiences. Students will be assigned to a classroom which matches their anticipated certification level and content(s) and must participate a minimum of 70 full school days. Fulfills Experiential Learning requirement. Graded as Pass/No-Pass.
*Pre-Requisites: Credit for EDU 4103. Course Fee: $600*

EDU 6310 Christian Values & Ethics

A study of major ethical principles, especially a Christian influenced ethic, and how these principles apply to one's personal life, and the challenges facing the world, primarily as those challenges impact the area of education. Students will be challenged to use ethical principles to analyze and resolve real world ethical dilemmas.
*Pre-Requisites: None*

EDU 6311 Research I – Academic Writing

This course will prepare the student to begin the dissertation required for the terminal degree. Emphasis will be placed on both academic conventions and technical form for the five-chapter dissertation or other similar product. Topics will include academic writing standards of mechanics, grammar, style, APA form, citation use and placement, dissertation topic, structure, IRB considerations, presentation, and defense.
*Pre-Requisites: None*

EDU 6312 Research II – Quantitative Research

Presents core statistical concepts and methods that all social science majors, including education, must master in order to understand and do social research. The emphasis is on the use of concepts and tools of statistics in the analysis of social science data.
*Pre-Requisites: None*

EDU 6313 Multicultural Experiences

A study of skills and techniques to diagnose and solve organizational problems and to influence actions of individuals, groups and organizations in a multicultural school community.
*Pre-Requisites: None*

EDU 6314 Grant Writing

Develops the knowledge and skills involved in writing competitive grants for federal, state and private funds.
*Pre-Requisites: None*

EDU 6315 Research III – Qualitative Research

Examines qualitative methods used in social science research, focusing primarily on applications in educational fields. Qualitative research follows an inductive process that involves the collection and analysis of non-numerical data to search for patterns, themes and holistic features that underlie behavioral patterns. The five common research design approaches will be explored: ethnography, grounded theory, case study, phenomenology, or narrative.
*Pre-Requisites: None*

EDU 6341 Digital Learning

Explores the rapidly changing landscape of learning organizations in the 21st century. Students will explore learning in a globally and digitally connected world and how new learning trends such as problem-based learning, self-directed learning, and flipped classrooms are changing the way children and adults learn and the nature of educational systems.
*Pre-Requisites: None*

EDU 6380 Research V Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of this course; this course is repeatable until the student completes and defends the dissertation. *Course Fee: $600*

EDU 6383 Research V Cumulative Research-Based Inquiry of Practice

Production of the Cumulative Research-Based Inquiry of Practice (CRIP), a formal project which demonstrates the candidate's ability to conduct research that makes an original contribution to education practice. The candidate must complete nine hours of Research V; this course is repeatable until the student completes and defends the CRIP.
*Course Fee: $600*

## Educational Administration

EDAD 5154 Practicum I

Principal certification candidates will begin the process of preparing for their required certification exam in EDAD 5154. They will work to earn their release for the 268 Exam by demonstrating 80% mastery on practice assessments. Candidates will also draft preliminary plans for their three PASL Tasks in this course. Graded as Pass/No-Pass.
*Pre-Requisites: None. Course Fees: $85*

EDAD 5155 Practicum II

Principal certification candidates will prepare for their internship semester in this course by planning their leadership activities in advance, to ensure they fulfill all TEA requirements and plan learning experiences that are aligned with the Principal Domains and Competencies outlined by the state of Texas. They will also continue to prepare for the implementation of their PASL Tasks in their internship semester to be completed on their respective campus. Graded as Pass/No-Pass.
*Pre-Requisites: None. Course Fee: $75*

EDAD 5156 Practicum III

This course is a semester-long internship on the candidate's respective campus, working in concert with a campus mentor and a university supervisor to earn 160 leadership hours. The internship is authentic and meaningful in the development of the intern as a future campus leader. This course must be passed and all requirements for the internship met successfully in order to fulfill TEA requirements for principal certification. Graded as Standard Letter.
*Pre-Requisites: None. Course Fee: $600*

EDAD 5322 Legal Foundations of Education

A study of how recent trends and institutional changes in society have impacted the legal aspects of formal education. This class will provide research, class discussions, and activities which will increase students' knowledge of legislation, court precedents, tort and contract law, negligence and liability, societal issues, and how legal issues influence employment, academic/classroom, campus, and administration behavior. Emphasis will be on real problems educators face and on practical and legal responses to those problems.
*Pre-Requisites: None*

EDAD 5323 Evaluation and Assessment In Education

This course considers a framework for building data literacy through core building blocks and campus applications. Connectors between data-based theory and relevant practice are emphasized.
*Pre-Requisites: None*

EDAD 5351 Building School-Community Partnerships

A course of study giving students an opportunity to develop and increase skills and knowledge in the areas of religion, ethics, conflict resolution, counseling, the historical influences on ethnic diversity interaction, community relations, and leadership of the school environment. It is necessary for the school administrator to be the force by which these groups cannot only coexist, but to share common goals and work together in a collaborative manner, so all students can be successful and be a productive force in the community, nation and world.
*Pre-Requisites: None*

EDAD 5352 School Resource Leader

A course of study centered on the administrator's ability to efficiently manage and utilize the human resources, effectively utilize and manage the financial resources, and physical resources for the optimum benefit of students and the learning environment.
*Pre-Requisites: None*

EDAD 5253 School Professional Development and Continuing Education Leader

A course of study centers on staff development and continuing education of the educational staff. Students will learn to develop a continuing educational program at the local campus and develop staff development training that will meet the needs and continued professional development of the staff at all levels of experience. AEL and TTESS training provided when taught on-ground.
*Pre-Requisites: None. Course Fee: $250*

## Educational Leadership

EDL 6320 Program Analysis & Evaluation

Provides school administrators the skills necessary to review, analyze, and evaluate current programs in the school system in which they operate.
*Pre-Requisites: None*

EDL 6321 Issues in District Leadership

Explores a wide variety of issues that will confront district-level leaders including establishing collaboratively the vision and mission of a school district, appropriate staff and community communications, facilitating change, and proper use of data.
*Pre-Requisites: None*

EDL 6322 Organization & Public Relations

Examines best practices for school communications, public relations, and branding; evaluates successful and unsuccessful bond and tax ratification elections; and considers options for dealing with a “communication crisis vortex.”
*Pre-Requisites: None*

EDL 6323 Research IV – The Proposal

Focuses upon preparation of the dissertation proposal which will include selection of topic, development of problem statement and research hypotheses/questions, initial review of literature, design of study, and significance and limitations of study.
*Pre-Requisites: None*

EDL 6324 Leadership in the District

Examines a broad view of leadership styles but with concentration on servant leadership as its main focus. The examination of servant leadership will acquaint the student with the advantages of approaching leadership from a shared rather than dominant position. The course will also have an emphasis on ethical behavior and leadership.
*Pre-Requisites: None*

EDL 6325 Advanced School Law

Focuses on examination of current legal issues which impact the educational community, the process of policy development for school systems, as well as the agencies, courts, and legislative bodies which develop rules and regulations effecting educational systems.
*Pre-Requisites: None*

EDL 6326 Leading Organizational Learning: Executive Instructional Leadership

This doctoral course examines instructional leadership as an executive responsibility for designing, developing, and stewarding organizational learning systems at scale. Students explore how superintendents and other executive leaders create the conditions under which teaching, learning, and organizational capacity continually improve — through curriculum coherence, professional learning

systems, organizational culture, resource stewardship, and continuous improvement. While anchored in the K-12 superintendency, the course's principles are also examined for their application in other professional settings. Students synthesize their learning into a personal Instructional Leadership Framework, a cumulative professional resource reflecting their philosophy and practice as executive instructional leaders.
*Pre-Requisites: None*

EDL 6351 Finance in Education

Centers on the reality of managing budgets for a Texas public school district. Focus will be on acting with integrity, fairness, and competence in dealing with school revenue, expenditure allocations, construction finance, special program finance, and "business office" operations in order to promote success of all students.
*Pre-Requisites: None*

EDL 6352 Conflict Resolution

Designed to provide a basic understanding of the nature of conflict from an educator's perspective and how it can be more effectively managed in our schools. Students will examine conflicts that arise between students, teachers, support staff, paraprofessionals, parents, administrators, school board members, community members, and anyone else who comes in the school setting. Strategies, processes, and skills for managing conflict will be presented and practiced throughout the course.
*Pre-Requisites: None*

EDL 6335 Practicum I

The first of two semesters of fieldwork of the Ed.D. Educational Leadership program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.
*Pre-Requisites: None*

EDL 6336 Practicum II

The second of two semesters of fieldwork of the Ed.D. Educational Leadership program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.
*Pre-Requisites: None*

## Educational Technology

EDTC 5314 Foundations of Artificial Intelligence and Its Application

This course will explore the impact and effectiveness of Artificial Intelligence (AI) from an interdisciplinary perspective. Students in this course will explore different AI platforms, examine how to apply best practices and consider how AI can contribute to critical and creative thinking without the loss of authenticity. This course will advance student knowledge of new tools and how AI can be incorporated into your organization while upholding integrity.
*Pre-Requisites: None*

EDTC 5315 Foundations of Innovative Design

This course will explore the systematic approach to innovation and creative problem-solving from an interdisciplinary perspective. Students in the course will explore the fundamentals of different design models, including educational technology frameworks, and how design thinking and creativity can be used to enable innovation, curriculum, and training development. This course looks at how individuals and organizations use creativity and design skills to identify and choose opportunities that enable innovation.
*Pre-Requisites: None*

EDTC 5317 Innovative Design and Delivery of Learning

This course focuses on best practices and the implementation of blended learning to improve learning and outcomes. Students in this course will develop an actionable outline for a blended learning course targeting an instructional area of their choice to be deployed in a training and/or instructional setting that addresses such topics as competency-based learning, personalized learning, Universal Design for Learning (UDL), computer-based learning, differentiation, adaptive learning, and eLearning.
*Pre-Requisites: None*

EDTC 5319 Virtual Reality and Immersive Learning

This course explores the history and relevance of artificial intelligence, virtual reality, and immersive virtual experiences to enhance learning. Students in this course will identify and research relevant virtual technologies to apply to their specific environment (educational, corporate, medical, etc.) and begin creating virtual models to impact learner engagement.
*Pre-Requisites: None*

EDTC 5321 Learning and Leadership with Data Analytics

This course focuses on gathering, analyzing, and using data to inform decision making to increase learning. Students in this course will identify potential, relevant data repositories, apply data data analytic processes, pinpoint potential trends and predictions, and combine visual elements to communicate trends, outliers, and patterns in data to better inform learning designers and marketing.
*Pre-Requisites: None*

EDTC 5323 Assessing Performance with Technology

This course explores research and best practices as it relates to using technology to help evaluate learner success through both formative and summative evaluation models in a digital world. Students in this course will apply appropriate evaluation frameworks to analyze and develop authentic, formative, and summative assessments that provide measures of student success in digital environments.
*Pre-Requisites: None*

EDTC 5325 Supporting Diverse Populations with Instructional Technology

This course focuses on identifying and addressing learner demographics and characteristics that impact learning outcomes. Students in this course will develop a proposal that identifies strategies and a variety of digital tools that support the achievement of learning objectives by diverse populations.
*Pre-Requisites: None*

EDTC 5327 Legal, Privacy, and Security Issues in Technology

This course will explore the legal, privacy, and security issues in technology from an interdisciplinary perspective. Students in the course will explore laws, policies, and emerging trends and legislation related to the ethical and proper use of technology, access, and data. This course closely examines staff and student legal privacy, and security issues related to technology and raises awareness for how individuals and organizations can remain proactive relating to security issues.
*Pre-Requisites: None*

EDTC 5329 Special Topics: Innovation & Engagement Technologies

This course focuses on the development and implementation of innovative technologies in an educational setting to positively impact the engagement and comprehension of the audience as they develop content mastery. The course also examines educational psychology as it relates to educational technology.
*Pre-Requisites: Successful completion of EDTC 5315, 5317, 5319, 5321, 5323, 5325, 5327, and MED 5305, 5308.*

## English

ENG 1316 Academic Research and Writing

Introduction to academic composition, research, and information literacy skills. Fulfills the Concordia Common Experience Curriculum Written Communication requirement.

ENG 1317 Introduction to Literature

This is the entry level course in literature. Emphasis on analyzing the literary components of each of four literary forms: poetry, short story, novel, and drama. Critical interpretive skills demanded by each genre are learned and practiced through discussion and composition. Writing assignments, including analytical essays and tests, will constitute at least 75% of the course grade. Fulfills the English Literature requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: Grade of 'C' or higher in ENG 1316*

ENG 1371H Honors Writing as Self-Discovery

Writing as self-discovery that leads to a passion for writing about issues external to self. This course incorporates elements of creative nonfiction, academic composition, research, and information literacy skills.
*Pre-Requisites: Admission to the Honors Program*

ENG 1318 Technology for the Humanities

Introduction to current technological tools appropriate to the Humanities. Cross-listed with HIS 1318.
*Pre-Requisites: None*

ENG 2301 Survey of Classicism

Major masterpieces of classic Greek and Roman literature with a grounding in mythology.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 2303 American Literature

The course will present a selection of major canonical authors of American Literature from the colonial time period until the mid-twentieth century. Oppositional voices will be introduced in relation to the Canon. The historical and cultural

setting for each literary work will likewise be evaluated for its ideological significance.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 2305 Survey of British Literature

This course introduces students to the British literary tradition, from the earliest recorded poems to the twenty-first century. Features all literary genres.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 2307 Intro to Literary Criticism

A survey of the development of western literary criticism from Greek and Roman to twentieth century theories. Students read, analyze, and discuss each critical theory; formal and informal critical responses to specified literary texts using each of the critical theories studied.
*Pre-Requisites: None*

ENG 2371H Honors Great Texts: Classic and Contemporary

Analysis of selected important texts across genres from the Western tradition and significant texts across genres from non-Western traditions in order to understand then in their historical, sociological, and cultural contexts and to evaluate their influence on selected contemporary texts.
*Pre-Requisites: Honors Program*

ENG 2350 Digital Humanities Theory and Praxis

Theory and practice in the developing field of digital humanities. This course required students to survey and choose theoretical applications for a demonstrable DH project that can transfer to the practicum course and offers professional DH applications.
*Pre-Requisites: None*

ENG 3301 The Novel- British

An overview of the history and development of the form. Specific novel techniques explored in class discussions and analyzed in short papers.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3302 Drama

A survey of dramatic literature in which students read, analyze, and respond critically to representative plays from each of the major dramatic periods: Greek, Roman, Medieval, Renaissance, Restoration, Romantic/Realistic, and Modern. Students learn distinguishing characteristics of each major period's dramatic form.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3303 Short Story

Development of the short story. Style, form, interpretation and evaluation of short fiction. Topical, current social and emotional issues discussed in relation to goals of short fiction.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3305 Poetry

An intensive study of the major poetic forms. Emphasis on reading, explicating, and interpreting selected poems. Students will complete two papers, two tests, a variety of written exercises, and a comprehensive final exam.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3308 The Novel-American

An overview of the history and development of the genre. Specific novel techniques explored in class discussions and analyzed in short papers.
*Pre-Requisites: ENG 1317 or ENG 1371H*

ENG 3310 English Internship

Supervised on-the-job experience in publishing or other professional-writing sectors, including nonprofit organizations. Over the course of one semester, students provide at least 150 hours of service and produce a writing portfolio. May only be used once to fulfill ENG credit; may be repeated once for elective credit. Fulfills Experiential Learning requirement.
*Pre-Requisites: Junior or Senior standing*

ENG 3311 Advanced Writing

The study of clear, graceful, and stylistic essay writing in functional, pragmatic, real-life situations.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3312 Business and Technical Writing

Advanced writing skills to meet the challenge of communication in the job market.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3314 Creative Writing

Many types of writing will be examined, with an emphasis on short stories and free verse poetry. In-class writing exercises will be used to learn various techniques and aspects of creative writing. Students will be expected to produce a portfolio of two original pieces of fiction and four original poems, critique the writing of others, and prepare a manuscript for publication or submission to a literary contest.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3318 Writing for Publication

This course requires students to write a variety of non-fiction compositions suitable for publication in a professional university or public magazine, journal or newsletter. Writing assignments will address investigative articles; reviews of texts, culture and events; editorial perspectives; and the interview article. Students will learn correct composition strategies for each of these perspectives. Students will be required to submit their compositions to appropriate print forums for publication and the response of the publication department if available to their submission. Students will submit a portfolio of their three best compositions as the final exam requirement.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3323 Shakespeare

Reading and interpreting of major Shakespearean plays, emphasizing the playwright's artistic development, social context, and use of characterization and imagery.
*Pre-Requisites: ENG 1317 or ENG 2371H*

ENG 3332 Teaching Writing with Adolescent Literature

A survey of the evolution of adolescent literature, which teaches strategies for exploring, analyzing, and discussing various genres, as well as how to craft meaningful writing assignments in response to these texts. Students are introduced to theoretical foundations of and best practices for individual and classroom-based writing instruction. Extensive reading is required. *Pre-Requisites: Successful completion of any 2000-level English course.*

ENG 3341 Hispanic Writers of the U.S

Writings by and about Hispanic writers of the United States. All of the readings will be made available in English and the class will be taught in English.
*Pre-Requisites: None*

ENG 3355 Video Games as Literature

This course offers an introduction to the study of video games as literary texts. Students will study video game elements and narrative structures, analyze games using a variety of critical perspectives, and examine how specific games are situated within broader literary and cultural contexts.
*Pre-Requisites: ENG 1317*

ENG 4201 Senior Thesis I

The first required course in the two-part capstone sequence for English majors. Culminating portfolio must be completed satisfactorily before student may move on to Senior Thesis II.

ENG 4101 Senior Thesis II

The second required course in the two-part capstone sequence for English majors. Requires completion and formal presentation of substantive final writing project. Graded as Credit/No-Credit.

ENG 4301 English Special Topics

It requires close examination and exploration of the chosen topic through reading, discussing, and composing critical responses to key texts.
*Pre-Requisites: Successful completion of any 3000 level English literature class*

## Environmental Science

ESC 1100 Professional Development

This is an experience-based course in which students will work on campus or off campus to earn professional credentials. Each student will work with the instructor to identify the skills necessary for a particular career path, and then to design a course of action to acquire those skills. The experience may include any combination of paid or unpaid internships, professional certifications, project development, research, etc.

Students pursuing either the BA-Environmental Studies degree or the BS-Environmental Science degree are required to complete this course four times.
*Pre-Requisites: None*

ESC 1102L Introduction to Environmental Science Lab

Laboratory and field investigation of the scientific and socioeconomic principles underlying the environmental sciences.
*Pre-Requisites: None*

ESC 1102H Honors Introduction to Environmental Science Lab

Laboratory and field investigation of the scientific and socioeconomic principles underlying the environmental sciences.
*Pre-Requisites: Admission to the Honors Program*

ESC 1201 Fall Texas Master Naturalist Certification

For students who wish to earn course credit in the Fall semester for beginning verification as a Texas Master Naturalist through the Balcones Canyonlands Chapter at Concordia University Texas. Training courses will be taught by CTX faculty and by professionals from the conservation field. To receive credit for the Fall offering, students must complete at least half of the certification requirements (20 hours basic training, 4 hours advanced training and 20 hours of service).
*Pre-Requisites: None.*

ESC 1202 Spring Texas Master Naturalist Certification

For students who wish to earn course credit in the Fall semester for beginning verification as a Texas Master Naturalist through the Balcones Canyonlands Chapter at Concordia University Texas. To receive credit for the Spring offering, students must complete the second half of the certification requirements (20 hours basic training, 4 hours advanced training and 20 hours of service). Total for certification is 40 hours basic training, 8 hours advanced training, and 40 hours of service achieved through Fall and Spring course work.
*Pre-Requisites: ESC 1201.*

ESC 1302 Intro to Environmental Science

An overview of the Earth's geological, hydrologic, atmospheric, and biological environments. Discussions of the physical, social, economic, and political implications of human modification of the environment. An application of the scientific method to solve complex environmental problems. Concordia Preserve tour required.
*Pre-Requisites: None*

ESC 1304 Environmental Geology

ESC 1304 is a course that provides an overview of environmental geology, including fundamental geological concepts and principles as well as applied Earth science methods and procedures. The topics covered in this course serve as an introduction to the field of environmental geology and include a review of Earth systems and subsystems, natural hazards, weather and climate, water, mineral, rock and energy resources, waste disposal, water and air pollution, environmental law and policy, land-use planning, and engineering geology.
*Pre-Requisites: None*

ESC 1410 Introduction to Geographic Information Systems

Introduction to geographic information systems (GIS) and global positioning systems (GPS) for use in data analyses in the sciences and social sciences. Units on basic GIS and cartographic design, internet mapping, cell phone applications, and GPS data collection. This course satisfies the Common Experience Technology requirement, however it does not fulfill the Common Experience Natural Science with Lab requirements. Cross-listed with CSC 1410.
*Pre-Requisites: None*

ESC 3303 Environmental Law

The origins, politics, policies, and enforcement of environmental law.
*Pre-Requisites: None*

ESC 3306 Natural Resources Conservation

Ecological, political, and economic factors that influence decisions relating to natural resources, land-use, and sustainable development; appraisal of alternative strategies to cope with conservation issues in the areas of water, energy, forests, range, fisheries, wildlife, and soils. Discussions of conservation history, laws, and ethics.
*Pre-Requisites: Any Common Experience natural science lab course*

ESC 3308 Environmental Education

Prepares students to implement environmental education opportunities in formal and non-formal education settings. Topics include concepts and philosophy of effective environmental education, education and environmental law/regulations, environmental issues, curriculum alignment and integration and effective environmental education methodologies.
*Pre-Requisites: None*

ESC 3330 Environmental Modeling

Design and application of modeling techniques using system dynamics and computer software. Prerequisites: MTH 1351 or math placement at a higher level and 6-8 credit hours of natural science and/or math beyond the core requirements. This course may not be used to satisfy natural science requirements.
*Pre-Requisites: None*

ESC 3350 Watershed Management

Principles of managing watersheds to improve hydrology, water quality, range, wildlife habitat, and aesthetics. Includes units on soils, policy,

planning, economics, and public relations. Field trips may be required
*Pre-Requisites: Any Common Experience natural science lab course*

ESC 3370 Sustainable Solutions for Climate Resiliency

This interdisciplinary course examines the environmental, social, economic, and technological challenges associated with climate change and explores sustainable solutions for building resilient communities and ecosystems. Students will investigate the causes and impacts of climate change while evaluating strategies for mitigation, adaptation, and long-term resilience. Special attention is given to climate-related issues in Central Texas, while solutions will be aimed at the Concordia campus.
*Pre-Requisites: Any Common Experience natural science lab course*

ESC 3402 Environmental Chemistry

A study of the chemical principles and reactions that govern the behavior of both natural environmental systems and anthropogenic compounds important to the quality of the environment. Sampling methods, instrumentation and data analysis will be emphasized. Cross-listed as CHE 3402. Students should be co-enrolled in the laboratory part of the course, ESC 3402L.
*Pre-Requisites: CHE 1142 and CHE 1342 (or CHE 1402), and MTH 1351 (with a minimum grade of "C" in both courses), or math placement at a higher level.*

ESC 3403 General Ecology

A study of those factors which affect the abundance, biodiversity and distribution of organisms. Includes ecological theory, mathematical modeling, natural history and field techniques. Cross listed as BIO 3403. Students should be co-enrolled in the laboratory part of the course, ESC 3403L.
*Pre-Requisites: BIO 1401or BIO 1402 or BIO 2403 or consent of instructor.*

ESC 3440 Wildlife Management

Principles of managing wildlife populations and habitat with special consideration given to management in urban environments. Students will apply specific management techniques to improve and maintain habitat on the Concordia campus, Concordia Preserve, and the Balcones Canyonlands Preserve system. This course includes a laboratory component in which students will learn important technical GIS skills and field methods.
*Pre-Requisites: ESC1302 or BIO1402 or BIO2403*

ESC 4310 Environmental Science Internship

Students will participate in an on-the-job environmental work experience under the direct supervision of professionals in a corporation or government agency. Fulfills Experiential Learning requirement.
*Pre-Requisites: Junior or Senior level standing*

ESC 4360 Special Topics

A detailed exploration of specific topics in environmental science and conservation. Topics will vary by semester and may include: invasive species, GIS, climate change, environmental health and safety, Christian perspectives on environmental issues, and multiple topics relating to conservation in urban environments. Each offering will be discussion-based and reading-intensive. Field trips may be required. May repeat once when topic varies.
*Pre-Requisites: Any Common Experience natural science lab course; Junior or Senior classification*

ESC 4361 Conservation Project

For advanced students who wish to design and implement a conservation-themed project on campus or in the community. Project design will be done in collaboration with the instructor, other faculty, CTX staff, and/or ESC partners, and final plans must be approved by all stakeholders prior to implementation. May be repeated once in the following semester to allow project completion. May not substitute for ESC major requirements.
*Pre-Requisites: Junior or Senior standing and permission of the instructor.*

ESC 4411 Research in the Environmental Sciences

Student will pursue an environmental topic or issue through library, field and laboratory investigations as well as data collection, analysis and a final presentation consisting of a written paper and a poster/seminar session.
*Pre-Requisites: Junior or Senior standing.*

## Fine Arts

FA 2301H Honors Arts Experience

This course introduces students in the Honors Program to the myriad arts institutions, events, and opportunities in Austin. Students will attend professional and university music and theatre

events as well as visiting art galleries and museums.
*Pre-Requisites: Admission to the Honors Program*

FA 2310 Fine Arts Methods

Students preparing for the Texas certification exams (particularly the EC-6 Core Subjects exam) require competencies in the Fine Arts (Music, Art, and Theatre); this course is designed to prepare students for this portion of the exam in coordination with their other Fine Arts courses at Concordia. In addition, students will learn methods and strategies to integrate Fine Arts paradigms and projects into all parts of their curricula.
*Pre-Requisites: None.*

## French

FRE 1401 French I

Introductory French imparts communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: None*

FRE 1402 French II

Continued introductory French imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: FRE 1401*

## Geography

GRG 1311 Principles of Geography

A geographic overview of basic Physical Systems (landforms, climate, vegetation...) and Human Systems (cultural geography, political geography, medical geography, geography of sports...) and their interactions at international, national, and local levels.
*Pre-Requisites: None*

## German

GER 1401 German I

Introductory German imparts communication skills for daily use in these areas: listening, speaking, reading and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: None*

GER 1402 German II

Continued introductory German imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: GRE 1401*

GER 2311 German III

Intermediate German imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It emphasizes advanced skill in linguistic and cultural accuracy.
*Pre-Requisites: GRE 1401 and GRE 1402 or equivalent background*

GER 4321 German IV

This course offers students further reading of authentic German texts and viewing of German filmic literature (unmodified, original readings and original German-language film) and practice in discussion of the topics these artifacts treat; that is, students will extend and enforce their knowledge of vocabulary, grammar, and culture. This advanced level of instruction also offers strategies in learning, so students can proceed in their acquisition of language independently. Finally, this reading, viewing and conversation course imparts critical thinking and the ability to develop a sound written thesis.
*Pre-Requisites: GRE 1401, GRE 1402, and GRE 2311 or equivalent background*

## Geology

GLG 3301 Geology

The earth from the perspective of physical and historical geology. Not available for audit.
*Pre-Requisites: Three credit hours of a physical science.*

## Greek

GRE 2311 Greek I

Fundamentals of Greek using Koine and Classical approaches.
*Pre-Requisites: None*

GRE 2312 Greek I

Continuation of GRE 2311, with reading in Greek New Testament.
*Pre-Requisites: GRE 2311*

GRE 3313 Greek III

Reading in the New Testament and Hellenistic Greek with correlated grammar review.
*Pre-Requisites: GRE 2312*

GRE 3314 Greek IV

Readings in the New Testament and in Classical Greek with survey of comparative grammar.
*Pre-Requisites: GRE 3313*

GRE 4215 Advanced Greek Readings

For those who have satisfactorily completed the basic Greek grammar courses. Selections will be drawn from the New Testament, the Greek Old Testament (the Septuagint) and other Greek literature. May be repeated for credit when readings are varied
*Pre-Requisites: GRE 3314.*

## Hebrew

HEB 3401 Biblical Hebrew I

The script, vocabulary, and structure of Biblical Hebrew.
*Pre-Requisites: None*

HEB 3402 Biblical Hebrew II

Continuation of HEB 3401.
*Pre-Requisites: HEB 3401*

HEB 4201 Hebrew Bible Readings

Continued practice in reading and translating sections of the Hebrew Bible, with review of grammar. This class may be repeated for credit.
*Pre-Requisites: HEB 3402*

## History

HIS 1301 U.S. History to 1877

A survey of U.S. history from European colonization to 1877, relating events of the past to current areas of American life. Emphasis on the origins and development of economic, social, and cultural trends. May be used to fulfill History requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: None*

HIS 1302 U.S. History from 1877

A survey of U.S. history from the Reconstruction Era to the present. Emphasis on economic cycles, political issues, social and cultural change, and emergence of the United States as a world power. May be used to fulfill History requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: None*

HIS 1312 Human Geography

A study of the cultural, political, and economic geographies of the regions of the world. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences.
*Pre-Requisites: None*

HIS 1318 Technology for the Humanities

Introduction to current technological tools appropriate to the Humanities. Cross-listed with ENG 1318.
*Pre-Requisites: None*

HIS 2301 Historical Methods

An introduction to the discipline and field of history, including what it means to “think historically,” historical research and writing, historiography, and careers in the history field.
*Pre-Requisites: None*

HIS 2303H Honors United States History

An introduction to the discipline and field of history, including what it means to “think historically,” historical research and writing, historiography, and careers in the history field.
*Pre-Requisites: Admission to the Honors Program*

HIS 2306 Race and Ethnic Relations

Emphasis on race and ethnic relations as a national concern with emphasis on these concerns in the Southwest. Cross-listed as SOC 2306.
*Pre-Requisites: SOC 1301 or HIS 1301 or HIS 1302*

HIS 2311 World History to 1500

A survey of the political, philosophical, social, cultural, and economic trends throughout the world to about 1500 focusing on the rise of civilizations, the development of political and legal systems, religion and philosophy, economic

systems and trans-regional networks of exchange. Emphasis is on comparative history and the study of cross-cultural encounters. May be used to fulfill History requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: None*

HIS 2312 World History from 1500

A survey of the political, philosophical, social, cultural, and economic trends throughout the world after about 1500 focusing on maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. Emphasis is on comparative history and the study of cross-cultural encounters. May be used to fulfill History requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: None*

HIS 3301 History of Mexico

An overview and analysis of the history of Mexico from the pre-Columbian period to the present, including the civilizations of pre-Columbian Mexico, Spanish exploration, the establishment of nationhood, the modernization of Mexico, the Mexican Revolution, and the major political, economic, and social movements following the Revolution. Emphasis will be given to the development of Mexican cultural and national identity. Prerequisite: Three credit hours of history.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3302 Introduction to Policy History

An introduction to the interdisciplinary field of policy history noting the application of historical perspectives to public policy studies and contemporary policy issues. Students are introduced to basic policy history issues and methodologies.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3304 The History and Culture of the Mexican American

An analysis of the history and culture of Mexican Americans in the United States over the past two centuries, focusing particularly on the U.S.-Mexican War, the emergence of Mexican American identity, the evolution of thinking about race in the early twentieth century U.S., the growth of Mexican American communities in Texas, immigration policy, labor, and present-day border issues. The course will also explore the unique cultural traditions of Mexican Americans in religion, values, music, and folklore. Cross-listed as SOC 3304.
*Pre-Requisites: Three (3) credit hours of history, or SOC 1301*

HIS 3306 Introduction to Public History

An introduction to public history surveying the major topics in the field through readings, discussion, and guest lectures. Students will learn about the history of public history, employment opportunities for public historians, and public historical issues. Emphasis will be placed on the application of theories of public history to real-world situations.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3307 Video Games and History

This course examines the ways people engage with the past through digital games and investigates how game designers and games themselves present interpretations of the past to players.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3308 Asian History and Culture

This course provides an overview and analysis of the history of the Asian continent. It examines the interaction among peoples of different genders, national origins, races and cultures, and how such interaction has shaped Asian societies.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3311 Texas History

An overview and analysis of political, social, economic, and cultural developments of Texas from the era of Spanish colonization to the present including an examination of the roots and development of “Texan” identity.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3314 Traditions and Values of Classical Civilizations

An historical and thematic approach to the contributions of the classical Greek and Roman worlds to Western civilization.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3320 Latin American Seminar

Research in current issues and topics in Latin American studies.
*Pre-Requisites: HIS 3304*

HIS 3321 International Relations Since 1919

An analysis of world events since 1919 that affected relations between nations including wars; peace negotiations; economics, intellectual, and social crisis; and attempts at

international cooperation.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3340 The American Revolution Era

Social, cultural, and political analysis of the British North American colonies and United States, 1763-1789, through the study of ordinary people as well as famous political leaders and present-day memory of the Revolution.
*Pre-Requisites: HIS 1301, HIS 1302, or HIS 2312*

HIS 3341 The Civil War Era

An analysis of the major events leading to the outbreak of the American Civil War, wartime politics in both the Union and Confederacy, military aspects of the war, and the economic, social, and political aspects of the Reconstruction Era.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3342 The American West

An overview and analysis of the history and geography of the American frontier from the colonial period to the late nineteenth century; the frontier experience and its impact on the nation; and the political, social, economic, geographical, and urban developments within the Great Plains, Mountain West, and Pacific West after 1900.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3343 Post-World War II America

An analysis of the cultural, social and political history of the United States from the end of World War II to the end of the Cold War.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3344 American Environmental History

An examination of three centuries of changing American attitudes and actions toward the natural environment, the rise of the conservation movement, and the development of an ecological perspective and the environmental movement.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3352 History of the Middle Ages

This course will investigate the history of Europe and the Near East from the dissolution of the Roman Empire to the start of the Renaissance. It will study the political, economic, social, and cultural development of the three successor civilizations of the ancient world: Byzantium, Islam, and Western Christendom, with particular emphasis on the Christian West. It will look at how these civilizations developed and interacted in both peace and war.
*Pre-Requisites: Three (3) credit hours of history*

HIS 3354 History of Christianity

An overview of the history of Christianity from the New Testament era to the present. The course will focus on the central persons, ideas, issues, and events that have shaped the Christian Church and its worship, doctrine, ethics, organization, and mission. Cross-listed as REL 3354.
*Pre-Requisites: REL 1301*

HIS 4201 Senior Thesis

The Capstone course for history majors comprised of a personally designed research program that culminates in a journal quality research paper. NOTE: Students who complete the thesis requirements in HIS 4201 will receive a letter grade. Students who plan to complete the thesis requirements in HIS 4101 Senior Thesis Continued will receive an “Administrative Incomplete” which will be removed when HIS 4101 is completed and a grade is assigned.
*Pre-Requisites: HIS 2301 Historical Methods and at least six hours of upper-level HIS coursework*

HIS 4101 Senior Thesis Continued

This course allows a student to complete the research, writing, and presentation of the Senior Thesis, HIS 4201. This course may be taken only once. If a student receives an "F" for HIS 4201 and No Credit for HIS 4101, that student will have to retake HIS 4201. Graded as "Credit" or "No Credit." NOTE: This course allows a student to complete the research, writing, and presentation of the Senior Thesis, HIS 4201. This course may be taken only once. The letter grade assigned to this course will replace the “Administrative Incomplete” in HIS 4201, Senior Thesis.
*Pre-Requisites: HIS 4201*

HIS 4310 History Internship

Supervised on-the-job experience and involvement at one of Austin's museums, libraries, archives, agencies or businesses. Interns will work with professionals in the history field. Fulfills Experiential Learning requirement.
*Pre-Requisites: Junior or Senior standing, 3.0 GPA in major, 2.5 cumulative GPA, and HIS 2301*

HIS 4360 Topics in History

A seminar style examination, discussion, and analysis of a historical issue, time period, person, or group.
*Pre-Requisites: Six (6) credit hours of history*

## Instructional Leadership

IL 5154 Critical Issues in Education

This individualized, practicum-based course engages students in identifying and analyzing a critical issue within a campus, central office department, or other educational organization and designing a focused problem-of-practice improvement effort. This course will provide a capstone learning experience in the final semester of their program. Students will apply theory, research, data, and assessment practices to develop an action plan to address a "critical issue" they have identified in their organization. The action plan will be designed and implemented to address a problem of practice that they will monitor on an ongoing basis. It should serve to strengthen marketable skills in strategic problem-solving, project planning, change management, stakeholder collaboration, and professional communication.
*Pre-Requisites: None*

IL 5311 Leading Instructional Improvement

The ability to improve student outcomes at the campus or district level is paramount for school leaders in today's world. School improvement is guided by the State of Texas through the use of the Effective Schools Framework (ESF). It is important for aspiring leaders to become familiar with the State's ESF process and to develop the knowledge and skills required to implement the Effective Schools Framework on their own campuses or within their respective districts.
*Pre-Requisites: None*

IL 5312 Academic Coaching

Academic coaching is essential for school reform; it is imperative to teach the efficacy of, and outcomes associated with, effective coaching. The course will: 1) define academic coaching, 2) demonstrate implementation; 3) identify effective outcomes that will improve teacher performance and increase student learning.
*Pre-Requisites: None*

IL 5313 Developing Organizational Capacity

This course is designed to take a practical approach to exploring individual and organizational strategies designed to simulate adult learning and build capacity in schools and districts through the coaching process to achieve higher levels of performance. In addition, this course is aimed at promoting understanding of how to improve performance results through individual and organizational accountability.
*Pre-Requisites: None*

## Kinesiology

KIN 1132 Racquet Sports (Skill)

Basic rules and fundamental skills of badminton, racquetball, and tennis taught through participation. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1133 Basketball/Softball (Skill)

Basic rules and fundamental skills of each activity taught through participation. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1134 Bowling/Archery (Skill)

Basic rules and fundamental skills of each activity taught through participation. Students must pay bowling fees. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1136 Golf/Volleyball (Skill)

Basic rules and fundamental skills of each activity taught through participation. Students must pay golf fees. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1137 Introduction to Martial Arts (Skill)

An activity course designed to develop and enhance movement skills in Judo, Karate, and Tai Kwon Do. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1139 Table Tennis/Pickle Ball (Skill)

Addresses the five components of skill-related fitness. The development of agility, speed, quickness, coordination and power are necessary for a balanced fitness regimen. Student participation is key to the success of any skill-based activity course, as repetition is the cornerstone of acquiring sports skills. The skill components of table tennis and pickle ball are transferable and reinforce the learning of the skill component. May not be repeated for credit.
*Pre-Requisites: None*

KIN 1140 Intercollegiate Golf – Women

Credit awarded to those who participate in the entire season of intercollegiate golf. May be repeated for credit.
*Pre-Requisites: None*

KIN 1141 Intercollegiate Basketball – Men

Credit awarded to those who participate in the entire season of men's intercollegiate basketball. May be repeated for credit.
*Pre-Requisites: None*

KIN 1142 Intercollegiate Tennis – Men

Credit awarded to those who participate in the entire season of men's intercollegiate tennis. May be repeated for credit.
*Pre-Requisites: None*

KIN 1143 Intercollegiate Baseball – Men

Credit awarded to those who participate in the entire season of men's intercollegiate baseball. May be repeated for credit.*e*
*Pre-Requisites: None*

KIN 1144 Intercollegiate Golf – Men

Credit awarded to those who participate in the entire season of intercollegiate golf. May be repeated for credit.
*Pre-Requisites: None*

KIN 1145 Intercollegiate Cross Country – Men

Credit awarded to those who participate in the entire season of intercollegiate cross country. May be repeated for credit.
*Pre-Requisites: None*

KIN 1146 Intercollegiate Cross Country – Women

Credit awarded to those who participate in the entire season of intercollegiate cross country. May be repeated for credit.
*Pre-Requisites: None*

KIN 1147 Men's Intercollegiate Track & Field

Activity course designed to provide students with the opportunity to develop and/or improve their existing psychomotor skill abilities in the events of track and field. Students will practice the movement patterns of the various events and become competent in the execution of those skills. Additionally, students will be exposed to instructional methodologies used in the teaching of track and field.
*Pre-Requisites: None*

KIN 1151 Intercollegiate Basketball – Women

Credit awarded to those who participate in the entire season of women's basketball. May be repeated for credit.
*Pre-Requisites: None*

KIN 1152 Intercollegiate Tennis - Women

Credit awarded to those who participate in the entire season of women's tennis. May be repeated for credit.
*Pre-Requisites: None*

KIN 1153 Intercollegiate Softball - Women

Credit awarded to those who participate in the entire season of women's softball. May be repeated for credit.
*Pre-Requisites: None*

KIN 1154 Intercollegiate Soccer – Women

Credit awarded to those who participate in the entire season of intercollegiate soccer. May be repeated for credit.
*Pre-Requisites: None*

KIN 1155 Intercollegiate Soccer – Men

Credit awarded to those who participate in the entire season of intercollegiate soccer. May be repeated for credit.
*Pre-Requisites: None*

KIN 1156 Intercollegiate Volleyball – Women

Credit awarded to those who participate in the entire season of women's volleyball. May be repeated for credit.
*Pre-Requisites: None*

KIN 1157 Women's Intercollegiate Track & Field

Activity course designed to provide students with the opportunity to develop and/or improve their existing psychomotor skill abilities in the events of track and field. Students will practice the movement patterns of the various events and become competent in the execution of those skills. Additionally, students will be exposed to instructional methodologies used in the teaching of track and field.
*Pre-Requisites: None*

KIN 1158 Intercoll Beach Volleyball

*Pre-Requisites: None*

KIN 1176 Wt. Training & Conditioning (Fitness)

An activity course designed to develop and enhance muscular strength and endurance. May be repeated for credit.
*Pre-Requisites: None*

KIN 1177 Aerobic Walking (Fitness)

Addresses the components of health-related fitness. The development of cardiovascular endurance, muscular endurance, body composition and flexibility are necessary for a

balanced fitness regimen. Student participation is key to the success of any activity course, and walking is a classic learning environment for the appreciation of fitness as improvement is rapid and the basic movements necessary to master the activity are pre-existing. May be repeated for credit.
*Pre-Requisites: None*

KIN 1200 Scuba

The scuba class provides familiarity with the knowledge, skills, and equipment necessary to obtain Open Water Certification with Scuba Schools International (SSI). *Pre-Requisites: None. Course Fee: $500. Maximum number of students limited to 8.*

KIN 1235 Introduction to Fencing

Basic rules and fundamental skills of fencing taught through participation. Students will learn fundamental attacks, defenses, and tactics with the foil. This course may not be repeated for credit. *Pre-Requisites: None. Course Fee: $50. Maximum number of students limited to 15.*

KIN 1301 Personal Wellness

This course is designed to promote a healthy lifestyle derived from proper physical activity and informed lifestyle choices. Major topics of emphasis include an overview of the principals of wellness, stress management, nutrition and weight management, and concepts and principals of physical fitness. With the assistance of related laboratory experiences, students will be provided the opportunity to evaluate their current state of wellness in each of the topic areas and plan appropriate lifestyle change strategies. May be used to fulfill Kinesiology requirement in the Concordia Common Experience curriculum.
*Pre-Requisites: None*

KIN 1302 First Aid and Safety

Safety in prevention of injuries; first aid treatment, including CPR, emergency care and treatment of injury with special emphasis on playground and school injuries. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 2301 Personal and Community Health

Personal health problems, venereal disease, AIDS, birth control, cancer, heart diseases, nutrition, fitness, mental health, family living, and community and consumer health. Prerequisite: Sophomore standing or consent of instructor. Note: Does NOT count for core physical education requirements. Note: If a student presents a medical doctor's letter that precludes participation in activity courses, KIN 2301 will be allowed in lieu of the three one hour KIN courses in the core.
*Pre-Requisites: None*

KIN 2302 Introduction to Physical Education

Overview of the foundations of physical education and various careers available in this field. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 2303 Theory & Application of Physical Fitness

A study of the various theories of human physical fitness and their application in forming conditioning protocols. An acceptable fitness profile, through in-class conditioning, is to be developed and fitness testing field experience is required. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 2330 Prevention & Treatment of Movement Injuries

This class covers the methods and techniques for the treatment and prevention of injuries related to participation in physical activities. Emphasis is placed on injury management procedures, knowledge of movement injuries and conditioning, and taping and bracing procedures.
*Pre-Requisites: KIN 2303*

KIN 3311 Musculoskeletal Anatomy and Biomechanics

The musculoskeletal system: application of basic mechanical principles in human movement. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 3313 Motor Development and Learning

An introduction to the theories of motor learning and skills acquisition. Does NOT count for core physical education requirements. Physiological development of the child in relation to physical performance. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 3315 Org & Admin of Physical Ed & Sport

Principles, practices, and procedures in organizing and administering physical education/athletic programs; staffing, facilities,

budgeting, equipment, and safety. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 3316 Evaluation in Physical Ed and Sport

Principles of measurement and evaluation, elements of statistical techniques appropriate to physical education, criteria for test selection, construction and evaluation of human performance in the cognitive and motor domains. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 3331 Coaching Team Sports

An introduction to team sports-history, psychology, rules, skills, equipment, instructional techniques, safety principles, adaptations for the physically disabled and competitive programs. Note: Does not count for core physical education requirements.
*Pre-Requisites: None*

KIN 3332 Coaching Individual Sports

An introduction to individual sports-history, psychology, rules, skills, equipment, instructional techniques, safety principles, adaptations for the physically disabled and competitive programs. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: None*

KIN 3333 Methods of Teaching Phys Ed

Students will discover effective methods and techniques for teaching physical education while integrating the dimensions of wellness for healthy living. Major components of the course include writing instructional objectives and lesson plans, applying principles of organization and class management, and incorporating delivery strategies unique to physical education. Satisfies the Wellness requirement for the Common Experience. Cross-listed with KIN 3333.
*Pre-Requisites: Grade of 'C' or higher in KIN 2301 or KIN 2302, or EDU 2343, or Admission to the Teacher Education Program.*

KIN 3334 Exercise and Sport Psychology

This class covers the psychological aspects of movement activities that underline performance. It also covers the intrinsic and extrinsic factors that must be recognized in order to understand, motivate, and evaluate human movement. Note: Does NOT count for core physical education requirements. Cross listed with PSY 3334.
*Pre-Requisites: None*

KIN 3336 NASM Fitness Lifespan YES/SFS

Students will learn to expand their knowledge to understand and serve youth/ senior populations by applying appropriate and relevant exercise selections with special considerations.
*Pre-Requisites: None*

KIN 3337 Applied Nutrition Coaching

Students will learn all the latest information regarding nutrition, behavior change, and coaching, all while using cutting-edge technology—developed for proficiency, competency, and student success, in becoming a Certified Nutrition Coach.
*Pre-Requisites: None*

KIN 3340 Legal and Ethical Aspects of Sports Administration

This course is an introduction to the study of legal and ethical issues that arise in sports administration. Students will learn the nature of ethical conduct and will practice decision making to solve legal and ethical challenges that arise in the industry of sports administration. The course will encourage students to evaluate ethical theories and their application to specific issues in sports, including fairness in competition, cheating, racial and gender equality, gambling, and violence.
*Pre-Requisites: None*

KIN 3345 Sports Communication

An introduction and overview of sports communication including theoretical assumptions, sports communication history and current models, the impact of sports communication in print and electronic media, and current socio-cultural and legal issues in sports communication. Students will critically assess the impact of sports communication processes on sport management organizations. Students will critically evaluate the communication efforts of sports administration organizations while learning how to develop their own communications in the field of sports administration.
*Pre-Requisites: None*

KIN 4310 Kinesiology Internship

Provides students with the opportunity to demonstrate and gain experience building and using diagnostic skills, organization skills, group process skills, and program skills in a community, school or university setting. May be repeated once for credit. Fulfills Experiential Learning requirement.

*Pre-Requisites: Junior or senior standing*

KIN 4330 Exercise Physiology

This class is a study of the physiological responses of the body to exercise. Emphasis is on the application of the physiological principles deemed most important for understanding physical training. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: Grade of "C" or higher in BIO 3411*

## Latin

LAT 1301 Latin I

This course covers the basic grammatical structure of the language. Readings include selections from the Vulgate and Medieval Church Latin.
*Pre-Requisites: None*

LAT 1302 Latin II

This course continues with more advanced grammatical study. Readings include selections from Ecclesiastical Latin and passages from Ovid's Metamorphoses.
*Pre-Requisites: LAT 1301*

LAT 2311 Latin III

A continuation of the study of Latin grammar with readings from Cicero, Vergil, Ovid, and from the Vulgate.
*Pre-Requisites: LAT 1302*

## Leadership

LDR 1300 Life & Leadership-Freshmen

This course is designed to assist freshmen students toward a successful adjustment to college life at Concordia University Texas and is specifically focused on the freshmen experience. Required of all first-time freshmen students at Concordia, students will engage in learning activities that build their academic preparedness, social connections, campus resource awareness, and personal development. Students will develop pathways for success as they transition into college and persist through to graduation.
*Pre-Requisites: None*

LDR 1100T Life & Leadership-Transfer

This course is designed to assist transfer students in a successful adjustment to college life at Concordia University Texas. Required of all first-year undergraduate students at Concordia, students will engage in lessons and activities that provide opportunities for higher level success in academics, social interactions, institutional affinity and personal growth. Students will learn both practical skills like time management and healthy relationships, as well as dig into deeper concepts like Christian leadership, vocation, and diverse mindsets. Fulfills one of the Leadership requirements of the Concordia Distinctive.
*Pre-Requisites: None*

LDR 2201 Leadership Theory

This course will provide students a theoretical and practical understanding of leadership theories that will enable them to engage in leadership in healthier and more effective manners. Through the use of individual and group projects, students will consider different leadership models and strategies, examine the role of followers, and develop a personal theory of leadership that can be used in various settings. Fulfills one of the Leadership requirements of the Concordia Distinctive.
*Pre-Requisites: LDR 1100 or LDR 1100T or LDR 1300*

LDR 2116S / 2116T Student Leadership Practicum

This course will provide students with an opportunity to experience a variety of directed and supervised leadership experiences. Students will select (or be selected to) a leadership program and be expected to fully engage in the required level of preparation and participation needed for the program or experience. Students will be directed by a Concordia faculty member, possibly in conjunction with an outside agency. Acceptable experiential leadership programs include, but are not limited to, the following: Student Government, Concordia Tradition Team Leaders, Texas Civic Ambassadors, Community Board Experience. This course is not intended for full-time employment or internship opportunities. Course number suffixes relate to different iterations of the leadership practicum. Students may repeat this course up to eight times for credit.
*Pre-Requisites: None*

LDR 2305 Outdoor Leadership

This course will provide both a theoretical and practical foundation for leadership in the context of outdoor adventure. Utilizing both indoor and outdoor settings, students can expect to learn about basic outdoor skills, excursion organization, crisis management, group dynamics, and appreciation of God's creation.
*Pre-Requisites: None.*

LDR 3301 Peer Leaders

The purpose of this course is to develop student leadership by having current students serve as leaders in Life and Leadership freshmen classes at Concordia University Texas. Students apply and are selected to serve as Peer Leaders, to walk with incoming freshmen as they transition into college and work with an assigned instructor to help facilitate the class. This class provides students the opportunity to learn about specific leadership theories that they can use as they connect with and build positive influence and mentoring opportunities with freshmen. Class participants are required to attend trainings, Peer Leader class sessions, meetings of their assigned Life and Leadership section and other specific events or activities as assigned. This course can be substituted for LDR 2201 or taken as an upper-level elective.
*Pre-Requisites: LDR 1100 or LDR 1100T or LDR 1300, and Course instructor permission required.*

LDR 3311 Cultivating Ethical Leadership

Students will explore diversity concepts, analyze equitability in leadership, and learn to cultivate an inclusive environment in their communities and workplaces. This course will define these concepts for students while simultaneously giving them a way to put these concepts into leadership practice.
*Pre-Requisites: None.*

LDR 3312 Community & Volunteer Leadership

Students will gain a deeper understanding of the importance of effective leadership in community and volunteer opportunities. This course will specifically explore ideas related to coalitional leadership, values-based leadership, and motivational theories and examine how theories like these impact leadership at more local levels.
*Pre-Requisites: None.*

LDR 3313 The Depths of Followership

Popular culture elevates leaders while often ignoring or disparaging followers; yet followers serve critical roles in any organization or structure. In this course, students will learn about the significance of being an effective follower and how to develop skills of effective followership. Additionally, students will learn how to build dynamic relationships between followers and leaders and to connect followership skills to leadership skills for effective results.
*Pre-Requisites: None.*

LDR 4301 Creating Lasting Change

Change is widely recognized as a hallmark of effective leadership. However, creating change that is both successful and lasting is a significant challenge. In this course, students will learn the principles of change, learn to look at change through different styles of leadership, and build skills to help them work through the steps needed to create, foster and maintain positive change as change agents.
*Pre-Requisites: None.*

LDR 4101C / 4101G / 4101E Leadership & Career

Students will master the meaning of vocation as they explore individual competencies, and prepare professional instruments such as a resume, online profile, and supporting materials. Additionally, students will learn about diversity in the workplace, inclusivity and belonging, benefits and leadership at all levels. Students will connect what they have learned in their individual majors to transferable skills as they move toward meaningful work or graduate school. There are three variations of this course: LDR 4101C which is open to all students, LDR 4101G which is targeted toward students looking at graduate programs, and LDR 4101E which is restricted to Education majors due to the specific competencies in the course.
*Pre-Requisites: LDR 1100 or LDR 1100T or LDR 1300, and successful completion or concurrent enrollment in LDR 2201 or LDR 3301, and upper-level standing (60+ hrs).*

## Master of Business Administration

MBA 5005 MBA Foundations: Quantitative Business Essentials

This preparatory course strengthens quantitative skills and fundamental business knowledge for students entering Concordia Texas' MBA program. Students may be assigned one or more of four specialized modules—accounting, analytics, economics, and/or finance—based on admissions assessment criteria. The course develops students' mastery of fundamental business principles across these core areas while building the quantitative reasoning and skills essential for MBA-level coursework. Students will become proficient with MBA program resources, technology tools, and academic expectations, establishing the foundational knowledge required to succeed in graduate-level business education.
*Pre-Requisites: Contingent admission to MBA program as determined during the application process. Module assignment determined by admissions evaluation.*

MBA 5103 Leadership - Self

Leadership - Self explores personal leadership development through evidence-based assessments, reflection, and application. Students analyze leadership strengths, values, and growth areas to enhance decision-making capabilities in complex business environments. The course develops self-awareness as a foundation for authentic leadership, emphasizing resilience strategies and ethical frameworks that support effective communication, resource management, and positive community impact. Students create a personalized leadership philosophy aligned with organizational needs and professional values.
*Pre-Requisites: None*

MBA 5122 Leadership - Community

Leadership Seminars are designed to provide a space for students to integrate course content, personal commitments, and real world experience to transform themselves as leaders. The Seminars enable students to do this with the support and input of their cohort peers. Each seminar covers an essential aspect or "site" of leadership and consists of relevant assessment and discovery tools, discussion, self-reflection, and integration of course material. Leadership Seminar III will help students understand the needs of their local community and explore how they can personally make an impact for the common good within their community.
*Pre-Requisites: None*

MBA 5113 Leadership - Others

Leadership Seminars are designed to provide a space for students to integrate course content, personal commitments, and real world experience to transform themselves as leaders. The Seminars enable students to do this with the support and input of their cohort peers. Each seminar covers an essential aspect or "site" of leadership and consists of relevant assessment and discovery tools, discussion, self-reflection, and integration of course material.
*Pre-Requisites: None*

MBA 5199 Capstone

This focused one-hour seminar provides students with a practical opportunity to apply key MBA concepts to a real-world business challenge. Students will engage with opportunities to integrate analytical thinking, ethical considerations, and strategic decision-making skills.
*Pre-Requisites: Satisfactory completion of at least 18 hours in MBA courses.*

MBA 5220 Business, Society and Public Policy

This course examines current political, legal, and social forces acting on business and the ways in which business influences these forces. It focuses in particular on legislative and regulatory actions, policy making and implementation, and the interaction of the political-economic systems, public policy, and business. The course also examines the evolving relationship of business, government, and nonprofit organizations in America today, especially the rise of business-public-private-nonprofit collaborations.
*Pre-Requisites: None*

MBA 5225 Entrepreneurship and Innovation

Principles and techniques of opportunity identification, new venture creation, innovation and sustainability. This course considers entrepreneurial innovation from concept to market. The course emphasizes social innovation and social entrepreneurship, including how principles of each benefit traditional businesses. Designed to support students' venture creation in MBA Capstone.
*Pre-Requisites: None.*

MBA 5301 Data Analytics

This course is designed to equip managers and leaders with the knowledge to understand, manage, and visualize the data, and apply the appropriate analysis tools to translate managerial, financial, or economics problems into timely business applications. This course will also examine data management, exploratory data analysis and visualization, descriptive statistics, inferential statistics, regression analysis, and data mining in the decision-making process of solving complex business problems.
*Pre-Requisites: MBA-DA score of 1 or higher, or exemption from MBA leveling requirement.*

MBA 5303 Marketing Management

This course focuses on the marketing decisions made by businesses and organizations, covering the strategic role of marketing, marketing problems typically encountered in business, and the analytical concepts and techniques used in marketing. Students will understand marketing planning and strategy in the context of organizational plans as well as how to integrate the functional areas of business administration into a realistic approach to solving complex problems at the executive level.
*Pre-Requisites: None*

MBA 5304 Managerial Economics

This course covers the economic forces that have a fundamental influence on a business'

profitability, growth, and sustainability. It provides the core economic concepts that guide managerial decision-making. Topics include Supply/Demand, Capital Markets, Consumer Theory, Structures of Markets, Trade-offs, Cost-Benefit Analysis, Forecasting and Budgeting. *Pre-Requisites: MBA-EC score of 1 or higher, or exemption from MBA leveling requirement.*

MBA 5305 Financial Accounting & Management

This course covers the use of accounting data and processes in managing a business or an organization. In particular, it focuses on the concepts, processes, and models that provide information and control for managers, as well as the ways in which accounting supports and enables marketing and strategy decisions, performance, and operations management. *Pre-Requisites: MBA-AC score of 1 or higher, or exemption from MBA leveling requirement.*

MBA 5306 Critical Thinking

This course is designed to give new MBA students a common foundation in management concepts, analysis, and technologies. Students will improve their skills in self-awareness, reflection, listening, and making sound judgments. Students will learn how to research and write at the graduate level, prepare and analyze case studies, improve their speaking and presentation skills, along with working in teams. Students will also develop skills necessary to evaluate the assumptions, evidence, and inferences of what one thinks, reads and hears, and to present ideas in a logical, thorough, and persuasive manner.
*Pre-Requisites: None*

MBA 5308 Organizational Ethics, Behavior and Change

This course covers the ethical interconnection of worldviews, values, and behavior in an organization. The course analyzes the impact of ethical decisions on organizational stakeholders, as well as tools for creating and sustaining an ethical culture in understanding theoretical models and interplay of moral, legal, and social issues in managing one's self, individuals, groups, and organizations in a complex environment where stakeholders often have competing interests. Topics include Leadership, Collaboration/Groups, Change, Culture, Resilience, and Organizational Learning.
*Pre-Requisites: None*

MBA 5309 Organizational Culture, Power and Influence

This course equips leaders with tools for assessing organizational culture and formulating a culture change strategy yielding improvements through organizational development and learning. Power and influence tactics are examined as critical components in making positive changes to an organization's culture. Students develop a culture change plan for a real-world organization.
*Pre-Requisites: None*

MBA 5310 Internship

The internship provides students with the opportunity to apply the cumulative knowledge and skills in the MBA program to a real-world work environment. The internship involves the following steps: 1) selecting a work site; 2) developing a contract that ensures both employer and student benefit; 3) fulfilling the contract activity through ongoing work; and 4) preparing a paper that summarizes the learning experience and outcomes. The expectation is for a minimum of 150 hours completed in this internship. The internship course does not warrant course substitutions or course transfers.
*Pre-Requisites: None.*

MBA 5312 Corporate Finance and Investments

This course focuses on finance concepts and tools necessary for successfully running a business and making effective decisions. Emphasis placed on preparing students with the practical tools necessary for running a business. Topics include Debt/Equity mix, Cash Flow, Opportunity Cost, Risk-Return, Valuation of Assets/Projects. Students will participate in the investment stock market simulation *StockTrak* global trading software throughout the semester.
*Pre-Requisites: MBA-FN score of 1 or higher, or exemption from MBA leveling requirement.*

MBA 5313 Organizational Processes in Consulting and Coaching

This is an application course exploring the profession of management consulting and coaching. Designed to teach through understanding the art and science of internal and external management consulting/coaching, students are offered an opportunity to explore the relationship between theory and practice, and the continual changing nature of the consultation industry. Students must take this course in their last semester of the MBA-ODL program.
*Pre-Requisites: None*

MBA 5316 Managing Operations and Supply Chain

This course covers key operational aspects of a business: tactical and strategic decision-making, project management, lean operations, Six Sigma, TQM, and change management. Supply chain management topics include: business continuity planning, inbound logistics planning for environmental sustainability and corporate responsibility, and IT solutions for agile supply chain management. Course emphasizes the use of IT, social media, and the Internet for business processes and communication.
*Pre-Requisites: None*

MBA 5318 Principles of Corporate Training and Learning

In this course students will examine critical processes associated with the planning, developing and implementing of training and education programs that build upon an organization's vision and mission. The processes will mesh proven methods with new trends that connect theories, models and strategies within organizational development.
*Pre-Requisites: None*

MBA 5319 Talent Management

This course emphasizes the process between workforce engagement, motivation and development. Especially examined in this course is the role that talent management and motivation has in the realm of organizational learning and training. The course investigates into various motivational and talent management theories to help the student to understand the complexities and meaning/purpose of work - why do people work, and how effective motivation can lead to future employee success.
*Pre-Requisites: None*

MBA 5330 Learning Innovation and Design Foundations

This foundational course introduces students to learning design principles, innovation frameworks, and technology applications in corporate training and development. Students learn to identify learning challenges, evaluate technology solutions, and develop strategic approaches to organizational learning initiatives.
*Pre-Requisites: None*

MBA 5331 AI Strategy and Implementation for Business

This foundational course equips business leaders with the strategic frameworks needed to evaluate, select, and implement AI solutions. Students learn to identify AI opportunities, assess vendor capabilities, calculate ROI, and develop business cases for AI investments without requiring technical programming knowledge.
*Pre-Requisites: None*

MBA 5332 Business Analytics Fundamentals and Strategy

This foundational course equips business leaders with essential analytics skills for data-driven decision making. Students learn to develop KPIs, interpret business metrics, and create analytics strategies that drive organizational performance and competitive advantage.
*Pre-Requisites: None*

MBA 5333 AI and Learning Analytics for Performance

This course explores artificial intelligence and data analytics applications in learning and development contexts. Students learn to implement AI-powered learning solutions, analyze learning data for performance insights, and develop data-driven strategies for training effectiveness and employee development.
*Pre-Requisites: None*

MBA 5334 AI Project Management and Change Leadership

This course focuses on successfully leading AI initiatives from conception to deployment. Students learn to manage AI projects, work effectively with technical teams, navigate organizational resistance, and drive adoption of AI solutions across business units.
*Pre-Requisites: None*

MBA 5335 Data Visualization and Business Storytelling

This course focuses on the critical executive skill of transforming data into compelling business narratives. Students learn to create executive dashboards, present insights to C-suite audiences, and communicate complex analytics findings in ways that drive action and investment.
*Pre-Requisites: None*

MBA 5336 Learning Culture and Employee Engagement

This course examines the strategic development of learning cultures within organizations and their impact on employee engagement, retention, and performance. Students explore how to build learning organizations, foster continuous improvement mindsets, and create environments where learning becomes integral to

organizational culture and employee experience.
*Pre-Requisites: None*

MBA 5337 Customer Analytics and AI-Powered Marketing

Students explore the most common and high-impact AI applications in marketing and customer analytics while developing critical thinking skills about the ethical implications of data-driven marketing practices. The course covers personalization engines, predictive customer modeling, automated marketing campaigns, and AI-driven customer segmentation strategies that directly impact revenue. Students will learn to balance business objectives with ethical considerations including privacy, transparency, bias mitigation, and responsible data stewardship.
*Pre-Requisites: None*

MBA 5338 Customer Analytics and Predictive Modeling for Business

Students explore high-impact customer analytics applications that directly affect revenue and profitability. The course covers customer segmentation, lifetime value modeling, churn prediction, and pricing optimization using business-friendly analytics tools and real customer datasets.
*Pre-Requisites: None*

MBA 5339 Learning Ethics and Organizational Development Leadership

This capstone course integrates learning ethics with organizational development leadership, preparing students to lead inclusive learning initiatives and drive human performance improvement. Students develop a comprehensive understanding of learning accessibility, privacy considerations, and ethical learning design while learning to support diverse populations through inclusive technology.
*Pre-Requisites: None*

MBA 5340 AI Ethics, Risk Management, and Governance

This capstone course addresses the critical executive responsibilities around AI governance, risk management, and ethical deployment. Students learn to develop AI governance frameworks, manage legal and regulatory compliance, and make ethical decisions about AI use that protect both business interests and stakeholder welfare. The course emphasizes practical leadership skills for navigating complex AI challenges while building organizational trust and sustainable competitive advantage.
*Pre-Requisites: None*

MBA 5341 Business Intelligence Systems and Performance Management

This capstone course focuses on building organizational analytics capabilities and performance management systems. Students learn to evaluate BI platforms, design analytics governance structures, and create measurement frameworks that drive continuous business improvement.
*Pre-Requisites: None*

MBA 5342 Faith-Driven Leadership & Vocational Calling

Explores the integration of Christian faith principles with effective leadership practices, guiding participants in discerning and pursuing their God-given vocational purpose across personal, professional, and ministry contexts. It addresses program outcomes related to spiritual formation, ethical decision-making, and servant leadership by equipping learners to align their professional endeavors with biblical values, foster personal growth in faith, and lead with integrity and purpose. Participants develop marketable skills, including self-awareness to discern personal calling; ethical, values-based decision-making; servant leadership and team empowerment; effective communication grounded in compassion and clarity; and strategic alignment of a faith-informed vision with practical organizational or vocational goals. These competencies enable graduates to excel in faith-based organizations, business, ministry, or bi-vocational roles while making a meaningful impact on the Kingdom.
*Pre-Requisites: None*

MBA 5343 Nonprofit Strategy & Social Impact Design

Examines strategic planning, governance structures, evaluation frameworks, and community partnership development for nonprofit organizations, with focused attention to faith-based entities operating in education, homelessness services, and congregational ministries. Students analyze organizational purpose and stakeholder needs, identify and deploy resources to generate measurable social impact, and design collaborative initiatives that align mission, ethics, and community outcomes. Marketable skills developed include nonprofit strategic planning and social-impact design, stakeholder analysis and partnership cultivation, performance evaluation and impact measurement, ethical leadership within mission-driven organizations, and resource mobilization for sustainable community change.
*Pre-Requisites: None*

MBA 5370 School Operations I

This is the first of two courses which cover maintenance and operational aspects of a school operations system. Topics for this course include school administrative oversight of facilities, food service, planning process, construction, and transportation. Focus will be on best practices, maximizing efficiencies, standards, outsourcing, and stewardship.
*Pre-Requisites: None*

MBA 5371 School Operations II

This is the second of two courses which cover maintenance and operational aspects of a school operations system. Topics for this course include purchasing, safety and risk management, emergency management, and environmental issues. Focus will be on best practices, maximizing efficiencies, standards, outsourcing, and stewardship.
*Pre-Requisites: None*

MBA 5372 School Finance for Business Officials

Through relevant case studies and readings, this course traces the history of school finance legal battles in Texas. Students will review the implications and complexities surrounding the statewide system of school finance, and assess pending legislative issues. The course will help school finance professionals improve their skills in strategic planning, resource allocation, budgeting, revenue generation, and ethical decision-making.
*Pre-Requisites: None*

MBA 5373 School Law for Business Officials

This course examines the development and current state of school policies as they relate to public, private, charter and home-schooling contexts. Students will analyze legal issues pertaining to bond management, election requirements, employment procedures, special education mandates, federal and state program reporting requirements, and environmental issues. The course will focus on development of skills in identification of “red flag” legal issues and appropriate responses.
*Pre-Requisites: None*

## Master of Education

MED 5303G/5303E Curriculum Design and Practice

Provides an intensive study of pedagogical approaches and materials for teaching in schools, such as state curriculum documents and the curricular recommendations of professional associations. Specific emphasis will be given to study of alternative approaches to curriculum theory, design, practice and evaluation.
*Pre-Requisites: None*

MED 5305G/5305E Educational Research

Study of research methodology which explores various research modules, analyzes examples of research to identify models of acceptable and unacceptable research, and develops skills in using statistical techniques which enable the educator to be a reflective practitioner.
*Pre-Requisites: None. Course Fee (MED 5305E): $105*

MED 5308G/5308E Ethics and Leadership in Education

All Master of Education students take Ethics and Leadership. This course is designed to promote deep and reflective thinking about important matters. Included will be important ethical issues in contemporary schooling such as cultural and religious diversity, professional conduct, student and parental rights, discipline, and technology. Students will evaluate their effectiveness as leaders. As a result of class activities, they will develop an awareness of personal leadership strengths, weaknesses, preferences, styles, and behaviors.
*Pre-Requisites: None*

MED 5309G/5309E Differentiated Instruction & Learning Theory

Characteristics of effective teaching for all learning styles as well as major theories of learning will be studied. Recognizing the need to correlate the theoretical knowledge of learning and the ability to deliver the material in a manner that is relevant to the learner are essential for effective teaching. This course will provide students with an understanding of the various theories for learning and of differentiated styles of instructional delivery to correspond with various needs and abilities of learners.
*Pre-Requisites: None*

## Mathematics

MTH 0313 Fundamentals of Mathematics

This is a course to review basic academic skills in mathematics and elementary algebra with special emphasis on problem solving. This course does not satisfy the mathematics requirements for a degree and is graded on a Credit/No Credit basis.

*Pre-Requisites: Placement at the Lower Developmental Level*

MTH 0320 Intermediate Algebra

This course is a review of the high school algebra courses. It is designed to provide preparation for college entry math courses. This course does not satisfy college mathematics requirements for a degree and is graded on a Credit/No Credit basis.
*Pre-Requisites: MTH 0313 or placement at the Upper Developmental Level*

MTH 1323 Quantitative Literacy

This course includes a study in the uses of mathematics in society today. Fundamental concepts of logic and mathematics are explored to develop students' ability to think logically, quantitatively, and mathematically and to help them develop their problem solving abilities. Topics include logic, mathematics of finance, probability and statistics.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level.*

MTH 1330 Applied Finite Math

This course includes application of arithmetic and algebra to business in order to solve supply and demand, break even, maxima-minima, and similar problems. Other topics included are systems of equations solved by Geometric, Gauss-Jordan elimination, and inverse matrix methods. Several applications of math of finance and basic concepts of probability are incorporated into the course. (Adult Degree Program use only.)
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level*

MTH 1331 Finite Mathematics

This course includes applications of algebra to business, matrices, linear programming, simplex method, and derivatives.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level*

MTH 1332 Applied Calculus

Topics in this course include differential and integral calculus with emphasis on business, economics, life sciences, and social sciences applications.
*Pre-Requisites: MTH 1351 or MTH 1352 with a grade of C or higher, or Math Placement score of 3.*

MTH 1341 Probability

Topics include permutations, combinations, equally likely outcomes, conditional probability, independence and dependence, mathematical expectations, and binomial distributions.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level*

MTH 1351 College Algebra

Topics in this course include the concept of functions and their graphs, with emphasis on polynomial, rational, exponential and logarithmic functions. The Fundamental Theorem of Algebra with application to zeros of polynomials and solutions to equations and inequalities using matrix arithmetic are incorporated into the curriculum.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level*

MTH 1352 Precalculus

Algebra and trigonometry topics necessary for further study in Calculus I are addressed in this course. Topics include linear and quadratic functions, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities, and applications of trigonometric functions to solutions of triangles, arithmetic of complex numbers, and the polar coordinate system.
*Pre-Requisites: MTH 1351*

MTH 1370H Honors Mathematics and Effective Thinking

This course introduces students in the Honors Program to developments in modern mathematics. Topics include fractals, the fourth dimension, statistics, probability, and graph theory. Special emphasis will be placed on the elements of effective thinking.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level and membership in the Honors Program or permission of the instructor*

MTH 1375 Introduction to Data Analytics

This course is the first of the four course series that comprises the Data Analytics concentration within the Mathematics program: Introduction to Data Analytics, Intermediate Data Analytics Skills, Advanced Data Analytics Skills, and Data Analytics Practicum. Students explore the basic concepts of Data Analytics, including the data analytics process. In addition, students learn rudimentary data analytics skills: spreadsheets, data visualization, and a brief introduction to SQL. Finally, students consider the first step of the data analytics cycle: asking quality questions

to solve a data-related problem for a variety of stakeholders. This course does not satisfy the Quantitative Reasoning Requirement for the Concordia Common Experience.
*Pre-Requisites: Any 3-credit, non-developmental/college-level MTH course (1000-level or higher)*

MTH 2301 Introduction to Statistics

This course provides students with the methods and logic necessary to perform elementary statistical analysis. Topics may include descriptive measures, probability, sampling, theory of random variables, binomial and normal distributions, estimation and hypothesis testing, analysis of variance, regression and correlation, and nonparametric methods.
*Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level*

MTH 2305 Discrete Structure

This course is an analysis of the basic structures that form the foundations of mathematics and computer science including statements, sets and subsets, number sets, sequences, relations, orderings, partitions, functions, graphs, and trees. Structures defined through induction and recursion, including introduction to the solutions of recurrence relations are addressed. Emphasis will be on formal logical and combinatorial proof. Cross-listed with CSC 2305 Discrete Structures.
*Pre-Requisites: CSC 1401 with a grade of "C" or higher, and MTH 1352 with a grade of 'C' or higher (or math placement at Upper College Entry Level).*

MTH 2330 Intermediate Data Analytics Skills

This course is the second of the four-course series that comprises the Data Analytics concentration for the BS-Mathematics program. Students engage in the second and third steps of the Data Analytics process: planning for and processing data. Planning for data includes the classification of data according to its key properties such as internal or external; first-, second-, or third-party; structure or unstructured; nominal or ordinal. Students also apply statistical concepts such as sample size, confidence level, and margin of error. Processing data also includes evaluating the integrity of and appropriateness of data and cleaning of data of errors. Students plan and process data using both Google Sheets and SQL. NOTE: This course does not satisfy the Quantitative Reasoning requirement for the Concordia Common Experience curriclum.
*Pre-Requisites: MTH 1375 with a grade of 'C' or higher.*

MTH 2401 Calculus I

This is the first course in single-variable calculus. It includes a review of basic functions, limits and continuity, definitions of derivatives and integrals, and differential rules. Introduction to the Fundamental Theorem of Calculus, Extreme Value Theorem, Rolle's Theorem, and Mean Value Theorem are included. Applications of related rates, curve sketching (speed and acceleration), optimization, and introduction to numerical integration are incorporated into the course.
*Pre-Requisites: MTH 1352 with a grade 'C' or higher or placement at Upper College Entry Level*

MTH 2402 Calculus II

This course is a continuation of MTH 2401, Calculus I. Integration techniques include substitutions, integration by parts, partial fraction decomposition, and integration tables. Sequences, series, convergence, and Taylor's Theorem are examined. Applications to numerical integration, first-order differential equations, and analytic geometry are incorporated into the course.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher*

MTH 3101 Problem Solving: Algebra, Geometry, and Trigonometry

General problem solving techniques and specific problem solving strategies will be used in solving algebra, geometry, and trigonometry problems.
*Pre-Requisites: MTH 1352 with a grade of 'C' or higher or placement at Upper College Entry Level*

MTH 3102 Problem Solving: Number Theory

General problem solving techniques and specific problem solving strategies will be used in solving number theory problems.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher.*

MTH 3103 Problem Solving: Combinatorics

General problem solving techniques and specific problem solving strategies will be used in solving combinatorics problems. This is a level 3 course.
*Pre-Requisites: MTH 1352 with a grade of'C' or higher or placement at Upper College Entry Level*

MTH 3104 Problem Solving: Miscellaneous Problems

General problem solving techniques and specific problem solving strategies will be used in

miscellaneous problems including recreational problems.
*Pre-Requisites: MTH 1352 with a grade of 'C' or higher or placement at Upper College Entry Level*

MTH 3309 Numerical Analysis

Algorithms of numerical analysis are covered. Topics include floating point arithmetic, approximation, numerical integration and differentiation, solution of nonlinear equations, and solution of ordinary differential equations. Programming assignments will give experience in applying selected algorithms. Cross-listed with CSC 3309.
*Pre-Requisites: CSC 1402 and MTH 2402 with a grade of 'C' or higher*

MTH 3311 Linear Algebra

This course includes systems of linear equations, vector spaces, linear transformations, representation of linear transformations by matrices, matrix algebra, and determinants.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher*

MTH 3313 Number Theory

Divisibility, primes, congruences, quadratic reciprocity, Diophantine equations and simple continued fractions are examined in this course.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher*

MTH 3315 Abstract Algebra

Topics in this course include the basic concepts of groups, rings, integral domains, fields, isomorphisms, and group homomorphism.
*Pre-Requisites: MTH 2305 and MTH 3311*

MTH 3316 Geometry

The extension of geometry concepts including the study of tessellations, transformations, isometrics, topology, and non-Euclidean geometries.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher*

MTH 3317 Ordinary Differential Equations

Solutions to ordinary differential equations and initial value problems, their existence and uniqueness are addressed with an emphasis on solution methods including the Laplace transform. Equations studied include first-order separable, linear, and exact equations; higher-order linear equations; and systems of linear equations. Also included is an introduction to series solutions, numerical solutions, and stability in nonlinear systems.
*Pre-Requisites: MTH 2402 with a grade of 'C' or Higher*

MTH 3325 Real Analysis

Construction of the real numbers and rigorous study of their properties, including topological considerations, limits of sequences, continuity and differentiation of functions, the Riemann and Lebesgue integrals, and the topologies of function spaces.
*Pre-Requisites: MTH 3410 and MTH 2305*

MTH 3330 Mathematical Modeling

This course is designed to provide students with an introduction to the entire mathematical modeling process. Students will be involved in creative and empirical model construction, in model analysis, and in model research.
*Pre-Requisites: MTH 2401 with a grade of 'C' or higher.*

MTH 3335 Advanced Data Analytics Skills

This course is the third of the four-course series that comprises the Data Analytics concentration within the BS-Mathematics program. Students consider the fourth and fifth steps of the data analytics process: analyze and share. To practice analysis, students practice advanced spreadsheet and SQL tools including data aggregation, subqueries, and conditional functions. Students learn data visualization through tools such as Tableau. NOTE: This course does not satisfy the Quantitative Reasoning Requirement for the Concordia Common Experience curriculum.
*Pre-Requisites: MTH 2330 with a grade of 'C' or higher.*

MTH 3341 Theory of Probability

This course is an introduction to probability at the undergraduate level. Topics include probability spaces, random variables, basic discrete and continuous probability distributions, and conditional probability. Additional topics may include an introduction to multivariate distributions, generating functions, and statement of basic limit theorems of probability.
*Pre-Requisites: MTH 2402 with a grade of 'C' or higher*

MTH 3342 Theory of Probability for Actuarial Science

This course is a continuation of MTH 3341 - Theory of Probability and is intended for students who plan on taking the SOA/CAS Financial Mathematics exam (P/1). Topics include advanced concepts of probability, basic

concepts of combinatorics, key concepts of univariate random variables, key concepts of multivariate random variables, and their applications to the insurance industry. There is an emphasis on preparing for the P/1 actuarial exam.
*Pre-Requisites: MTH 3341 with a grade of 'C' or higher*

MTH 3343 Theory of Interest

This course covers the interest theory portion of the SOA/CAS Financial Mathematics exam (FM/2). Topics include nominal and effective interest and discount rates, general accumulation functions and force of interest, yield rates, annuities including those with non-level payment patterns, amortization of loans, sinking funds, bonds, duration, and immunization.
*Pre-Requisites: MTH 2401 or MTH 1332 with a grade of 'C' or higher.*

MTH 3344 Theory of Interest for Actuarial Science

This course is a continuation of MTH 3343 - Theory of Interest and is intended for students who plan on taking the SOA/CAS Financial Mathematics exam (FM/2). Topics include level and non-level annuities/cash-flows for non-contingent payments, perpetuities, loan amortization, coupon and zero-coupon bonds, duration of portfolios, portfolio immunization, and approximating the price of a set of cash flows using modified and Macaulay duration. There is an emphasis on preparing for the FM/2 actuarial exam.
*Pre-Requisites: MTH 3343 with a grade of 'C' or higher.*

MTH 3410 Calculus III

This course includes multivariable calculus topics such as vectors, 3-D geometry, and vector-valued functions. Differential and integral calculus of functions of several variables, vector fields and theorems including Fundamental Theorem for Line Integrals, Green's Theorems, Divergence Theorem, and Stokes's Theorem are also examined. Applications to optimization and modeling of motion are incorporated into the course.
*Pre-Requisites: MTH 2402 with a grade of 'C' higher*

MTH 3412 Advanced Calculus for Applications

Topics for this course include infinite series, ordinary differential equations, partial differential equations, and Fourier series.
*Pre-Requisites: MTH 2402 with a grade of 'C' higher*

MTH 4101 Advanced Problem Solving

General problem solving strategies and specific problem solving techniques will be used in solving advanced problems in undergraduate mathematics. Classical problems as well as contemporary problems will be studied at the discretion of the instructor and the interests of the students.
*Pre-Requisites: MTH 3410, 3311, and 3317 with a grade of 'C' or higher*

MTH 4310 Cryptology

Applications of abstract algebraic and number theoretic concepts to the science of secure cryptography. Topics include historical ciphers, public-key cryptography, signed messages, secure protocols, and cryptanalysis, especially as these deal with electronic communications.
*Pre-Requisites: MTH 3313 or MTH 3315 and CSC 1401*

MTH 4317 Partial Differential Equations

This course introduces the students to the three basic boundary value problems. It covers both the classic Fourier series method for solving the problems, as well as the more modern and flexible finite element method.
*Pre-Requisites: MTH 3317 with a grade of 'C' or higher*

MTH 4330 Complex Analysis

This course is an introduction to analytic and harmonic functions and complex analysis
*Pre-Requisites: MTH 3410 with a grade of 'C' or higher*

MTH 4335 Data Analytics Practicum

This course is the fourth of the four-course series that comprises the Data Analytics concentration within the BS-Mathematics program. Students learn the foundational principles of programming in the language R, including data cleaning and analysis, data visualization, and R markdown. Students complete a case study in data analytics. NOTE: This course does not satisfy the Quantitative Reasoning Requirement for the Concordia Common Experience.
*Pre-Requisites: MTH 3335 with a grade of 'C' or higher*

MTH 4340 Topology

This course is an introduction to the central concepts of topology: open and closed sets, continuity, compactness, and separation.

*Pre-Requisites: MTH 2305 with a grade of 'C' or higher.*

MTH 4390 Math Internship

Students will participate in an on-the-job mathematics work experience under the direct supervision of professionals in a corporation or government agency.
*Pre-Requisites: Junior or Senior mathematics major and approval of the head of the mathematics department*

## Ministry

MIN 1101 Ministry Preparation

A Pass/No Pass course required every term for pre-seminary students providing experience and training in personal development, reflecting and spiritual growth, relationship building, Bible study, ministry field experience, career options and related topics.
*Pre-Requisites: None*

MIN 1110 Organizational Ministry Leadership

Students will explore, observe, and examine the complexities of organizational structure in traditional and nontraditional ministry. This course will present students with these different ministry structures, but then also teach students how to work effectively in these settings as they potentially develop into Ministry Executives, middle managers, and on the ground team leaders.
*Pre-Requisites: None*

MIN 1111 Spiritual Disciplines I

This course will assist students in their spiritual life through an exploration of the spiritual disciplines and an integration of truth into life as it pertains to their current lives as students preparing for full-time ministry. (To be taken freshman year.)
*Pre-Requisites: None.*

MIN 1112 Spiritual Disciplines II

This course will assist students in their spiritual life through an exploration of the spiritual disciplines and an integration of truth into life as it pertains to their transition from college life to full-time ministry. (To be taken senior year.)
*Pre-Requisites: Grade of 'C' or higher in MIN 1111*

MIN 1120 Team Ministry Leadership

The Church is one foundation with Christ at the center who has gifted His Church to do the work of Ministry put before them. This course explores the gifts that Christ gives in professional Church-workers as well as para-professionals, contract, and volunteer workers within the church. Together, these workers assemble a team that does Ministry together. This course will have students examine this team, learning how to communicate, collaborate, and commiserate with their teams in ministry in order to continue to spread the Gospel of Christ Jesus.
*Pre-Requisites: None*

MIN 1130 Leading in Diverse Ministry Contexts

Students will examine urban, rural, small town, global, and school ministry contexts (learning structure) and learn how to serve, live, and thrive in said contexts (via practical application). This course will present students with these different ministry spaces and connect professionals/organizations who work in these settings as well.
*Pre-Requisites: None*

MIN 1140 Ministry Teaching

Christ has given His Church the gift of Teaching. This important development of the Faith that He Himself implanted falls on the shoulders of those who minister to others via preaching, teaching, and gospel proclamation. This course will explore ministry teaching from a Biblical Perspective, developing students as and exposing students to teaching in ministry settings.
*Pre-Requisites: None*

MIN 2220 Introduction to Ministry

This course examines various ministry roles so students can make personal evaluations of their appropriateness for professional ministry.
*Pre-Requisites: None*

MIN 3198 National/International Studies: Mission Trip

Students will participate in and share leadership responsibilities for a 1-2 week short-term mission trip experience. May be repeated for credit. Students are limited to 9 hours of mission trip courses. Fulfills Experiential Learning requirement.
*Pre-Requisites: None*

MIN 3232 Outdoor Christian Ministry

This course seeks to examine the historical and contemporary purposes and formats of Outdoor Christian Education. Students will be equipped with the skills needed to implement an effective Outdoor Christian Education program in a variety of setting. This is a one-week intensive course

taught in a camp setting, and includes a course fee (amount variable).
*Pre-Requisites: None*

MIN 3240 Missional Leadership

Students will gain knowledge of the latest theories and trends of missionaries and missional living. This class will also provide training in how to plan, budget, manage, execute and evaluate a short term mission trip, and how to turn short term trips into long term experiences. This is a travel course and includes a course fee (amount variable).
*Pre-Requisites: None*

MIN 3250 Christian Witness and Evangelism

This course introduces students to the theology and practice of Christian evangelism. Skills in speaking the Gospel to others will be developed.
*Pre-Requisites: None*

MIN 3310 Youth Ministry

This class provides basic knowledge of parish youth ministry, knowledge of the curricula and resources available in youth ministry, and an opportunity to develop and observe models and styles appropriate in youth ministry.
*Pre-Requisites: None*

MIN 3311 Cultural Influences on Youth Ministry

This course will focus on the cultural context of teenagers in America. Students will be viewing the American teenager's world of popular culture and societal norms as a missionary views a modern culture.
*Pre-Requisites: None*

MIN 3313 Special Topics in Youth Ministry

This course will introduce theories on ways to minister to youth through some of the current hot issues in youth culture, such as: sexuality, addiction, abuse, etc. May be repeated for credit when topics vary. Students are limited to 9 hours of special topics courses.
*Pre-Requisites: Grade of 'C' or higher in MIN 3310*

MIN 3315 Adolescent Discipleship and Catechesis

This course will review and assess the purposes, history, and structure of confirmation in the Lutheran tradition for the purpose of structuring and outlining implementation strategies for use in a local congregation. Adult and junior confirmation programs will be considered.
*Pre-Requisites: None*

MIN 3316 Leadership & Administration in Children's Ministry

This course examines the many facets of the administrative process within the context of a staff ministry position to children and families. Staff relations, recruiting, and the integration of children's and family ministry into the greater church body and leadership will be addressed. Evaluation of curriculum, facilities, policies, and procedures will also be addressed.
*Pre-Requisites: Grade of 'C' or higher in MIN 3317.*

MIN 3317 Children's Ministry

This course will introduce theories related to children that will assist in developing an integrated ministry to children in a congregational setting. The five major sections of the course include development of the child; learning theories; the content of the child's learning in the church; planning, administration, and implementing a comprehensive ministry to children; and resources, activities and environments for children's ministry.
*Pre-Requisites: None*

MIN 3319 Middle School Ministry

This course will introduce theories related to pre-adolescents, specifically 5th through 8th grade that will help in developing specific ministries for this age group in a parish setting. Knowledge of age appropriate curriculum, activities and ministry will be provided as well as compared and contrasted to children's and High School ministry.
*Pre-Requisites: None*

MIN 3320 Administration in Ministry

An introduction to and exploration of the theory and processes associated with the administration of ministry programs. Special emphasis is placed on idea generating; initiating change; promotion; evaluation; use of technology; budget; office and time management; managing volunteers; and legal issues relating to ministry responsibilities.
*Pre-Requisites: None*

MIN 3330 Family and Adult Discipleship

This class gives students a look at family structures and will help show the importance of solid family ministry in the context of children and youth ministry.
*Pre-Requisites: None*

MIN 3333 Preaching and Teaching for Ministry

This course is an introduction to designing, writing, and delivering sermons. The course will begin with an overview of the main skills requried to successfully develop and write a sermon. The last half of the class will focus on a final project, a start-to-finish development, writing, and delivery of a sermon.
*Pre-Requisites: REL 1301 and REL 1311*

MIN 3345 Emergent Theory

This course will go over the basic understandings, purposes, reactions and history of Emergent movement and discuss the positives and negatives in a Lutheran context. The concepts of postmodernism, post-Christianity and post-scales will be evaluated, discussed and connected.
*Pre-Requisites: None*

MIN 3350 Curriculum & Methods in Ministry

This course focuses on the educational ministry of the local church with attention to writing, evaluating, and teaching Bible studies as well as organizing a comprehensive plan for Biblical discipleship.
*Pre-Requisites: None*

MIN 4210 Ministry Practicum I

This course provides opportunities for students to gain meaningful insights and understandings of the congregational structure and organization of education and youth ministries. Fulfills Experiential Learning requirement
*Pre-Requisites: None.*

MIN 4211 Ministry Practicum II

This course allows students to become involved in leadership activities of the education and youth ministries of the congregation. Fulfills Experiential Learning requirement
*Pre-Requisites: None.*

MIN 41210 Ministry Residency I

This class is a directed and supervised, academic one-year to two-year training program. It enables students to experience the many and varied aspects of Ministry. These include part-time instructional agencies, youth work, family life, adult education, counseling, evangelism and church music. Course graded on a Pass/Fail basis. Fulfills Experiential Learning requirement.
*Pre-Requisites: None. Course Fee: $1000*

MIN 41211 Ministry Residency I

This class is a directed and supervised, academic one-year to two-year training program. It enables students to experience the many and varied aspects of Ministry. These include part-time instructional agencies, youth work, family life, adult education, counseling, evangelism and church music. Course Graded on a Pass/Fail basis. Fulfills Experiential Learning requirement.
*Pre-Requisites: MIN 41210. Course Fee: $1000*

## Music

Applied Music Lessons – Initial Level (All Lessons Repeatable for Credit)

1 credit (MUS X1XX) = 1 thirty-minute lesson each week

2 credits (MUS X2XX) = 1 sixty-minute lesson each week

Other requirements for credit include:

- periodic group classes that students are required to attend throughout the semester
- attendance at musical performances
- written reports

*Pre-Requisites: None*

- MUS 1110 Piano-Keyboard
- MUS 1111 Guitar
    - *Only Guitar lessons are available in a private or group setting. Lessons meet once a week where students learn the basic fundamentals of guitar in small groups.*
- MUS 1112 Organ-Keyboard
- MUS 1115 Woodwind Lessons
- MUS 1116 Brass Lessons
- MUS 1117 Percussion Lessons
- MUS 1118 Strings
- MUS 1119 Voice Lessons
- MUS 1210 Piano-Keyboard
- MUS 1211 Guitar
- MUS 1212 Organ-Keyboard
- MUS 1215 Woodwind Lessons
- MUS 1216 Brass Lessons
- MUS 1217 Percussion Lessons
- MUS 1219 Voice Lessons
- MUS 1218 Strings

Advanced students may pursue upper-level lessons. These advanced students have already had significant instruction at the initial level. Students may either register for half-hour (31XX) or one-hour (32XX) lessons.

Other requirements for credit include:

- periodic group classes that students are required to attend throughout the semester
- attendance at musical performances
- written reports

*Pre-Requisites: Consent of instructor.*

- MUS 3110 Piano-Keyboard
- MUS 3111 Guitar
- MUS 3112 Organ-Keyboard
- MUS 3115 Woodwind Lessons
- MUS 3116 Brass Lessons
- MUS 3117 Percussion Lessons
- MUS 3119 Voice Lessons
- MUS 3118 String Lessons
- MUS 3210 Piano-Keyboard
- MUS 3211 Guitar
- MUS 3212 Organ-Keyboard
- MUS 3215 Woodwind Lessons
- MUS 3216 Brass Lessons
- MUS 3217 Percussion Lessons
- MUS 3219 Voice Lessons
- MUS 3218 String Lessons

MUS 1124 University Choir

The primary vocal ensemble of Concordia University Texas. Concerts include a range of historic and modern repertoire in a variety of styles. Membership determined by audition. Suggested concurrent enrollment in voice lessons. Repeatable for credit.
*Pre-Requisites: None*

MUS 1128 Symphonic Winds

Students may participate in the Concordia Symphonic Winds (for winds, brass, string and percussion players) or Living Praise (travelling worship band), both by audition. Suggested concurrent enrollment in instrumental music lessons. Repeatable for credit.
*Pre-Requisites: None*

MUS 1129 Vocal Ensembles

Small vocal ensemble performing music from the standard chamber vocal literature. Membership is by audition only. May be repeated for credit..
*Pre-Requisites: Enrollment in private voice lessons and MUS 1124 University Choir required, or consent of instructor*

MUS 1131 Concordia Jazz Collective

Open to all students with ability to perform on a standard jazz/band instrument with regular performances. May be repeated for credit.
*Pre-Requisites: None*

MUS 1133 Chapel Music Ensemble

The Chapel Music Ensemble serves as one of the music ensembles for Concordia University Texas. It primarily serves to prepare musical leadership for weekly chapel services, yet extends also to other campus, concert, and tour performances. Participation in the Chapel Music Ensemble is by audition. May be repeated for credit.
*Pre-Requisites: Audition required for participation.*

MUS 1332 Music Fundamentals

Students learn basic concepts of notation, rhythm, melody, harmony and form through performance, composing, and listening. Graded as Pass/No-Pass.
*Pre-Requisites: None*

MUS 1333 American Popular Music

Survey course of popular music in American culture from inception to present day. Styles for listening and study include: blues, jazz, rhythm and blues, rock and roll, country, punk, reggae, and disco.
*Pre-Requisites: None*

MUS 2115 Woodwind Methods

An introduction to the study of woodwind instruments: flute, clarinet, saxophone and oboe. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.
*Pre-Requisites: MUS 2334 or consent of instructor*

MUS 2118 Aural Skills I

Building sight singing skill, aural awareness, and the ability to identify errors in rhythms and melodies..
*Pre-Requisites: Students must be concurrently enrolled in MUS 2334 Music Theory I*

MUS 2119 Aural Skills II

Continuation of MUS 2118. Expansion of sight singing skill, aural awareness, including two-part melodic dictation and ability to recognize chords in harmonic progressions in major and minor modes.
*Pre-Requisites: Students must be concurrently enrolled in MUS 2335 Music Theory II.*

MUS 2120 String Methods

An introduction to the study of string instruments: violin, viola, cello and double bass.

The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.
*Pre-Requisites: MUS 2334 or consent of instructor*

MUS 2125 Percussion Methods

An introduction to the study of percussion instruments: snare drum, bells, xylophone, bass drum, cymbals, drum set, and auxiliary percussion. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.
*Pre-Requisites: MUS 2334 or consent of instructor*

MUS 2130 Brass Methods

An introduction to the study of brass instruments: trumpet, French horn, trombone, euphonium, and tuba. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.
*Pre-Requisites: MUS 2334 or consent of instructor*

MUS 2160 Composition Lessons

The study and application of the musical techniques necessary to compose music from small to larger complex forms in a variety of styles
*Pre-Requisites: MUS 2334*

MUS 2210 Diction for Singers I

Provides students the tools to correctly sing in English, liturgical Latin, French, and German. Students will be introduced to the International Phonetic Alphabet (IPA) as a tool for translating musical texts. Learning will be guided by three types of assignments: written (IPA text translations), oral (speaking and reading musical texts) and applied (performances of selected repertoire in each of the languages being studied.)
*Pre-Requisites: None*

MUS 2214 Basic Conducting Techniques

The study of beginning conducting technique, including the physical and technical skills of conducting, beginning score preparation, and aural skills necessary to conduct ensembles.
*Pre-Requisites: MUS 2334*

MUS 2260 Composition Lessons

The study and application of the musical techniques necessary to compose music from small to larger complex forms in a variety of styles.
*Pre-Requisites: MUS 2334*

MUS 2333 Music Technology

Techniques and resources for music notation, production and synthesis. Beginning with the understanding of the applicable models, students move to an understanding of current industry-standard practices and their best fit within a musical program.
*Pre-Requisites: MUS 2334 or consent of the instructor*

MUS 2334 Music Theory I

Principles of harmony: triads, part writing, non-harmonic tones, harmonization, seventh chords, secondary dominants and modulation taught through analysis and composition. Introduction to
counterpoint through species counterpoint. Melodic analysis.
*Pre-Requisites: MUS 1332, Theory Entrance Exam or consent of the instructor*

MUS 2335 Music Theory II

Continuation of MUS 2334, including additional harmonic structures and chords and binary and ternary forms.
*Pre-Requisites: MUS 2334*

MUS 2340 History of Jazz

A survey of jazz history from its origins to present day. Styles include ragtime, swing, bebop, cool jazz, hard bop, avant-garde, fusion, Latin jazz, and contemporary jazz.
*Pre-Requisites: None*

MUS 2351 Ethnomusicology: World Music

This course explores musical traditions from Latin America, the Caribbean, Africa, Asia, Pacific Islands, and Indigenous North America, emphasizing music as a powerful lens for understanding human culture, identity, and expression. Students will develop critical listening skills while examining how music shapes and reflects social structures, cultural values, and historical narratives across different societies. Through engaged learning experiences with various musical traditions, students will challenge Western-centric perspectives and develop a deeper appreciation for global cultural diversity. This course empowers students to become thoughtful cultural listeners and

advocates, fostering cross-cultural understanding and respect while examining their own musical assumptions and influences.
*Pre-Requisites: None*

MUS 3120 Aural Skills III

The third in a sequence of four Aural Skills classes - each one building upon the foundation of the previous classes. Students will continue to develop and increase aural comprehension and continue to develop their ability to sing with preparation and at sight constructions that are frequently found throughout their experiences in music. This course will cover more advanced musical forms such as Fugue, Invention, and Sonata Form; advanced chromatic melodies; 4-part chorale dictation and chromatic, borrowed and Neapolitan chords.
*Pre-Requisites: MUS 2119*

MUS 3121 Aural Skills IV

The final class in a sequence of four Aural Skills classes - each one building upon the foundation of the previous classes. Students will be able to recognize and aurally analyze Twentieth Century Music Techniques; be able to sight-sing with accuracy of pitch more advanced prepared and unprepared heavily chromatic, whole tone, 12-tone and modal melodies; be able to hear, rhythm read and notate atonal music, mixed meter dictation, mirror rhythms, augmentation, diminution; play modes, whole tone, twelve tone scales on the piano; be able to recognize twentieth century writing techniques in the music of Debussy, Bartok, Messian and Stravinsky.
*Pre-Requisites: MUS 3120*

MUS 3223 Advanced Conducting Techniques

A continuation of MUS 2214, studying advanced conducting, score study, and musical analysis techniques. Developing the professional conductor.
*Pre-Requisites: MUS 2214*

MUS 3225 Music Ensemble Pedagogy in Secondary Education

Explore the pedagogical approaches and methodologies for directing diverse musical ensembles in Texas secondary schools, with special emphasis on Mariachi, Jazz, Musical Theater, Marching Arts, and non-traditional ensemble types. Students will examine historical contexts, cultural authenticity, and effective teaching strategies while developing practical skills in rehearsal planning, repertoire selection, and ensemble leadership. Through hands-on experiences, classroom observations, and portfolio development, students will learn to create inclusive musical environments that honor various traditions while fostering student growth and ensemble excellence. Topics include rehearsal techniques, program building, performance practice, and assessment strategies specific to each ensemble type.
*Pre-Requisites: MUS 1332, or permission of instructor.*

MUS 3233 Piano Pedagogy

A one-semester survey course that acquaints students with the fundamentals of piano teaching. Students will examine of the process of learning music and how it applies to the elementary - intermediate piano student. Students will explore current piano methods and materials for piano teaching and their practical applications; current issues related to independent studio management, lesson planning and other issues related to the teaching profession. Observation and directed teaching at local music studios in both private and group lesson settings. This is a course for music majors or minors with any of the music specializations. Fulfills Experiential Learning requirement.
*Pre-Requisites: MUS 2335 and MUS 3331*

MUS 3234 Vocal Pedagogy

A one-semester survey course of vocal pedagogy. Students will create an understanding and awareness of vocal pedagogy to inform their teaching and performance practices. The analysis of vocal anatomy and function leads to application of appropriate vocal techniques for vocal health, production, and instruction. Students will study developmentally appropriate vocal techniques and best practices for elementary school, secondary school, and post secondary school in both ensemble and solo vocal applications.
*Pre-Requisites: MUS 2118 and MUS 2334*

MUS 3235 Guitar Pedagogy

This course is designed to prepare aspiring guitar instructors with the theoretical knowledge, practical skills, and methodological approaches necessary for effective guitar instruction across all skill levels. Students will explore diverse teaching methodologies, assessment strategies, curriculum development, and hands-on teaching experiences while examining historical and contemporary approaches to guitar education. This course emphasizes the development of critical teaching skills, understanding of learning theories, and practical application of pedagogical concepts to create engaging and effective guitar instruction for beginners through advanced students.
*Pre-Requisites: MUS 1332*

MUS 3331 Music Pedagogy

The purpose of this course is to provide future music educators with pedagogical techniques, methods, and literature of the most influential music educators of the 18th, 19th and 20th centuries. Students will study the methods and philosophies of Zoltan Kodaly, Karl Orff, Jaques Emile Dalcroze, and Shinichi Suzuki and learn how they shaped the world of music education through their innovative philosophies and methods in singing, rhythm, movement, improvisation, aural skills and composition.
*Pre-Requisites: MUS 2335*

MUS 3332 Orchestration

Examining tonal resources of instrumental and vocal media; arranging and transcribing for a variety of styles and ensembles.
*Pre-Requisites: MUS 2335*

MUS 3333 Human Music Production Collaborations with GenAI

Explore the intersection of artificial intelligence and music production in the contemporary audio industry. Students will gain hands-on experience with AI-powered tools and technologies while learning to integrate these powerful tools into traditional production workflows. The curriculum covers advanced applications such as AI-powered mixing and mastering, intelligent audio restoration, automated sound design, and AI-assisted composition, with special emphasis on ethical considerations including intellectual property rights, artistic authenticity, and the implications of AI-generated content. Through practical projects and critical discussions, students will develop strategies for maintaining artistic integrity while leveraging these powerful new tools, preparing them for the evolving landscape of AI-augmented music production.
*Pre-Requisites: MUS 2333*

MUS 3334 Audio Production Fundamentals and Techniques

This course provides students with a comprehensive understanding of music technology as it pertains to recording, mixing, microphone techniques, and mastering. Through a combination of theoretical lectures, hands-on practical sessions, and projects, students will gain the necessary skills to produce recordings and masters. The course will cover topics such as audio signal flow, microphone types and placement, digital audio workstations (DAWs), mixing techniques, signal processing, and mastering principles.
*Pre-Requisites: MUS 2333*

MUS 3335 Advanced Audio Production: Sonic Sculpting

This course delves into advanced concepts and techniques in music production and technology, focusing on recording, mixing, microphone techniques, compressors, equalizers, producing, and mastering. Through a blend of theoretical discussions, hands-on practical sessions, and creative projects, students will develop proficiency in using industry-standard equipment and software to produce high-quality music across various genres including TV and film. Emphasis will be placed on critical listening skills, creative decision-making, and professional workflow strategies.
*Pre-Requisites: MUS 2333*

MUS 3336 Music Theory III

Continuation of MUS 2335, including analysis and composition of various forms, including invention, fugue, and sonata. Harmonic content includes extended chords and harmonic practice of the Romantic period.
*Pre-Requisites: MUS 2335*

MUS 3338 Composing and Arranging

Composing and Arranging builds on the skills developed in Music Theory and Aural Skills. Students will study various compositional styles, compose original works, study various arranging techniques, and arrange music for a variety of instruments and ensembles. May be repeated for credit.
*Pre-Requisites: MUS 2118, 2119, 2334, 2335, and 3336*

MUS 3339 SoundCraft: The Art of Live Sound

This course provides students with a comprehensive understanding of live sound reinforcement, mixing techniques, monitor systems, church sound practices, amplifier operation, and essentials of cables and connectors in the context of music production and performance. Through a combination of theoretical learning and practical hands-on experience, students will develop the necessary skills to engineer high-quality sound in churches and other live settings.
*Pre-Requisites: MUS 2333*

MUS 3343 Western Musicology: Ancient to Modern Eras

Western Musicology: Ancient to Modern Eras explores the Ancient, Middle Ages, Renaissance, Baroque, Classical, Romantic, and Modern Eras and how music developed over time. Studying the composition techniques, development of music theory, advancement of major musical

forms, and the influential composers of the eras will provide insight into how music in the Western world developed, advanced, and shaped how Western music is understood today. Students will be able to identify each era by sound, sight, and influential musicians. Students will analyze major works, techniques, and composers for each era. The application of appropriate performance techniques selected for each era will inform students' performance skills and interpretations.
*Pre-Requisites: MUS 2334 and MUS 2118.*

MUS 3345 History of Church Music

This course will explore music, composers and instruments spanning the history of church music. As a music history elective, the course is intended to give students a specific view of Western music history through both historical inquiry and comprehensive musical analysis. It contributes to the overall student's academic pursuits in music.
*Pre-Requisites: None*

MUS 3362 Worship and Music

Music and Worship explores the various musical influences on Christian Worship throughout history. Particular attention will be given to hymns and music from the Lutheran tradition, especially as that tradition is represented in the Lutheran Service Book. At the same time, music from other Christian traditions will also receive significant attention in this course. At the end of the course, students will be able to assess and select musical resources appropriate to a worship context.
*Pre-Requisites: None*

MUS 4105 Music Recital

One-hour public musical recital displaying student's ability to perform solo music in a variety of genre and historical styles. Must also register for two credits of private music instruction on corresponding musical instrument.
*Pre-Requisites: Consent of instructor.*

MUS 4110 Worship Internship

A review of the principles for administering and managing a parish worship program and application of these principles in a supervised parish experience. Music majors will generally pursue this internship in the last year of attendance. Fulfills Experiential Learning requirement.
*Pre-Requisites: None.*

MUS 4112 Service Playing

Service playing teaches the fundamentals of accompanying congregational song, including tempo, articulation, and phrasing. Advanced students will also learn song introductions, improvisation, alternative harmonizations, and other aspects of arranging. Students may engage the course on their primary instrument and may also learn the skill on a secondary instrument. Throughout the course, students will learn a variety of hymns, songs, canticles, and other music of the church. May be repeated for credit.
*Pre-Requisites: MUS 2334; MUS 2335 and MUS 3336 also recommended, but not required*

## Nursing

**J1 Courses**

NUR 3250 Pharmacology for Nurses I

Evidence based practice is used to introduce the pharmacotherapeutic concepts. These concepts are incorporated into nursing practice to improve patient care for adults with low to moderate-acuity health problems. Emphasis is placed on principles of medication safety in the administration of medications and patient education. Major drug classifications, through the use of prototypes, are used to facilitate student learning. The impact of technology, economic, and regulatory forces as well as collaboration with the health team are discussed. Ethical/legal and cultural considerations are explored across the life span.
*Pre-Requisites: Successful completion of Pre-Nursing requirements and admission to the Professional Nursing Sequence.*

*Co-requisites: All J1 courses.*
*Co-requisites for readmission: NUR 3336, NUR 3336S, and NUR 3325.*

NUR 3325 Nursing Skills I

The Adult Health I Skills course allows the application of the knowledge, principles, concepts, and attitudes necessary to perform a health assessment and provide basic care for persons experiencing low to moderate acuity health problems. The course focuses on the ability of the student to accurately and safely perform the skills in accordance with current practice.
*Pre-Requisites: Successful completion of Pre-Nursing requirements and admission to the Professional Nursing Sequence.*

*Co-requisites: All J1 courses.*

*Co-requisites for readmission: NUR 3435, NUR 3336, and NUR 3336S.*

NUR 3430 Foundations of Professional Nursing
This course is an introduction to the philosophy and theory of nursing, the nursing process, critical thinking, clinical judgment and professionalism. The course enculturates the nursing student into professional behaviors, norms, comportment, and practice via: ethical and legal principles, regulatory agencies and professional organizations, Interdisciplinary relationships, bedside leadership/management, and roles of professional nurses.
*Pre-Requisites: Successful completion of Pre-Nursing requirements and admission to the Professional Nursing Sequence.*

*Co-Requisites: All J1 courses.*
*Co-requisites for readmission: NUR 3336, NUR 3336S, and NUR 3325*

NUR 3336/S Adult Health Nursing I Practicum
This course is a practicum in the clinical application of knowledge, skills, and attitudes necessary to provide safe, high-quality patient-centered care for adults experiencing low- to moderate-acuity medical-surgical health problems and behavioral health problems.
*Pre-Requisites: Successful completion of Pre-Nursing requirements and admission to the Professional Nursing Sequence.*

*Co-requisites: NUR 3336S; all J1 courses.*
*Co-requisites for readmission: NUR 3336S, NUR 3435, and NUR 3325.*

NUR 3435 Adult Health I Theory
This course teaches the knowledge, skills, and attitudes necessary in the provision of nursing care for adults with low to moderate-acuity health problems and behavioral health problems. This course fulfills the Wellness requirement of the Concordia Common Experience curriculum.
*Pre-Requisites: Successful completion of Pre-Nursing requirements and admission to the Professional Nursing Sequence.*

*Co-requisites: All J1 courses.*
*Co-requisites for readmission: NUR 3336, NUR 3336S, and NUR 3325.*

**J2 Courses**

NUR 3126/S Maternal/Newborn Practicum

This course teaches students the application of the nursing process to provide quality, patient-centered nursing care to meet the physiological and psychological needs of the childbearing family in the hospital setting and during patient scenarios.
*Pre-Requisites: Successful completion of all J1 courses.*

*Co-requisites: All J2 courses.*
*Co-requisites for readmission: NUR 3126S and NUR 3320.*

NUR 3251 Pharmacology for Nurses II
This course is intended to develop the student's ability to critically think by identifying medications for use in treating, whether for cure or maintenance, specific disease processes. The student will be able to identify the correct medication, indications and side effects, research findings and evidence-based nursing practice regarding class, safety, efficacy, and monitoring of medications will be utilized. Additionally, major classifications of drugs; pharmacology and toxicology activity; clinical applications, and the role of the nurse in assessment, intervention, and patient education will be discussed.
*Pre-Requisites: Successful completion of all J1 courses.*

*Co-requisites: All J2 courses.*
*Co-requisites for readmission: NUR 3386, NUR 3386S, and NUR 3366.*

NUR 3320 Maternal/Newborn Theory

This course provides relevant instructional learning experiences of the knowledge, skills, and attitudes necessary in the provision of quality, patient-centered nursing care to meet the physiological and psychological needs of the childbearing family during the antepartum, intrapartum, postpartum and newborn period in a variety of settings.
*Pre-Requisites: Successful completion of all J1 courses.*

*Co-requisites: All J2 courses.*
*Co-requisites for readmission: NUR 3126 and NUR 3126S.*

NUR 3365 Adult Health II Theory

This course teaches the knowledge, skills, and attitudes necessary in the provision of patient-centered nursing care for adults with complex health problems. Emphasis is placed on application of the nursing process and critical thinking utilizing research-based nursing practice in the context of patient centered care for health restoration, health promotion and health maintenance.
*Pre-Requisites: Successful completion of all J1*

*courses.*

*Co-requisites: All J2 courses.*
*Co-Requisites for readmission: NUR 3386, NUR 3386S, and NUR 3366.*

NUR 3366 Nursing Skills II

This skills course teaches the knowledge, skills, and attitudes necessary for the application of advanced skills required to care for persons experiencing complex health problems. The course focuses on accuracy and safety of skill demonstration.
*Pre-Requisites: Successful completion of all J1 courses.*

*Co-requisites: All J2 courses.*
*Co-requisites for readmission: NUR 3386, NUR 3386S, and NUR 3365.*

NUR 3386/S Adult Health Nursing II Practicum

This course teaches the clinical application of knowledge, skills, and attitudes necessary to provide safe, high-quality patient-centered care for adults experiencing low- to moderate-acuity medical-surgical and/or behavioral health problems.
*Pre-Requisites: Successful completion of all J1 courses.*

*Co-Requisites: All J2 courses.*
*Co-requisites for readmission: NUR 3386S, NUR 3365, and NUR 3366.*

**S1 Courses**

NUR 4132/S Child and Family Nursing Practicum

This course incorporates concepts of physical and behavioral health in order to enhance their ability to promote high-quality, safe, family-centered nursing care to pediatric clients and their families within a variety of healthcare settings.
*Pre-Requisites: Successful completion of all J2 courses.*

*Co-requisites: All S1 courses.*
*Co-requisites for readmission: NUR 4132S and NUR 4332.*

NUR 4310 Nursing Research

This course provides an introduction to nursing research and research utilization through evidence-based practice in the clinical practice of nursing. Students will use critical thinking to apply research directly to patient care while learning to formulate clinical questions, search for and identify best evidence, and appraise that evidence for rigor and applicability to clinical problems. Basic principles of scientific inquiry, quantitative and qualitative research methods and research ethics are introduced in the context of clinically relevant research and translated to evidence-based practice.
*Pre-Requisites: Successful completion of all J2 courses.*

*Co-requisites: All S1 courses.*

NUR 4332 Child and Family Nursing Theory

This course develops the student's ability to provide family-centered care to children, adolescents, and their families and to participate in strategies to improve the safety and quality of care. Students will incorporate into nursing care the concepts of cognition and behavioral health in order to enhance their ability to promote high-quality, safe, family-centered nursing care to children, adolescents, and their families within a variety of healthcare settings.
*Pre-requisites: Successful completion of all J2 courses.*

*Co-requisites: All S1 courses.*
*Co-requisites for readmission: NUR 4132 and NUR 4132S.*

NUR 4357 Nursing Leadership and Management

This course teaches the leadership and management principles applicable to the professional nurse as a Member of the Profession, Provider of Patient-Centered Care, Patient Safety Advocate and Member of the Health Care Team. Emphasis is placed on the knowledge, judgment, skills and professional values of a nurse leader within a legal/ethical framework.
*Pre-Requisites: Successful completion of all J2 courses.*

*Co-requisites: All S1 courses.*
*Co-requisites for readmission: NUR 4386 and NUR 4386S.*

NUR 4385 Adult Health III Theory

This course teaches the knowledge, skills, and attitudes necessary in the provision of patient-centered nursing care for adults with complex physical and mental health problems. Emphasis is placed on the application of the nursing process and critical thinking utilizing research-based nursing practice in the context of patient centered care for health restoration, health promotion and health maintenance.
*Pre-Requisites: Successful completion of all J2 courses.*

*Co-requisites: All S1 courses.*
*Co-requisites for readmission: NUR 4386 and NUR 4386S.*

NUR 4386/S Adult Health III Practicum

This course teaches the clinical application of knowledge, skills, and attitudes necessary to provide safe, high-quality patient-centered care for adults experiencing moderate-acuity medical-surgical and/or behavioral health problems. This course fulfills the Technology requirement of the Concordia Common Experience curriculum.
*Pre-Requisites: Successful completion of al J2 courses.*

*Co-requisites: All S1 courses.*
*Co-requisites for readmission: NUR 4386S and NUR 4385.*

**S2 Courses**

NUR 4160 Community and Global Health Practicum

This course teaches the knowledge, skills, and attitudes necessary in the provision of care for clients with health problems in the community setting.
*Pre-Requisites: Successful completion of all S1 courses.*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4360 and NUR 4295.*

NUR 4280 Transition to Nursing Practice

This course addresses role change from student to practicing registered nurse including team strategies for patient safety as well as concepts related to the nursing jurisprudence examination.
*Pre-Requisites: Successful completion of all S1 courses.*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4370 and NUR 4295.*

NUR 4295 NCLEX Preparation and Review

This course reviews key nursing content with separate, comprehensive units on medical-surgical, child health, childbearing and women's health, and mental health/psychiatric nursing, followed by test questions written in NCLEX exam format.
*Pre-Requisites: Successful completion of all S1 courses. Course Fee: $375*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4370.*

NUR 4360 Community and Global Health Theory

This course teaches the knowledge, skills, and attitudes necessary in the provision of care for clients with health problems in the community setting.
*Pre-Requisites: Successful completion of all S1 courses.*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4160 and NUR 4295.*

NUR 4370 Capstone Simulation and Practicum

This course focuses on demonstration of quality and safety when providing care to multiple patients with complex health needs involving multi-system failure. Additionally, leadership, supervision and delegation strategies are emphasized.
*Pre-Requisites: Successful completion of all S1 courses.*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4389 and NUR 4295.*

NUR 4389 Adult Health Nursing IV Theory

This course builds on the knowledge, skills and attitudes necessary to provide patient-centered care nursing care for adults with complex physiologic, psychosocial conditions, and multi-system failure. Emphasis is placed on application of the nursing process and clinical reasoning using evidence-based nursing practice in the context of patient-centered care for health restoration, promotion and maintenance.
*Pre-Requisites: Successful completion of all S1 courses.*

*Co-requisites: All S2 courses.*
*Co-requisites for readmission: NUR 4370 and NUR 4295.*

## Philosophy

PHL 3301 Survey of Western Philosophy

Issues and problems of philosophy including the nature of reality, knowledge, and value. Selected study of major philosophers in the Western tradition.
*Pre-Requisites: None*

PHL 3302 Ethics in the Christian Tradition

A study of ethical behavior and norms as developed in the Christian Tradition. Attention is given to philosophical ethical theories, Christian

ethical theories, and contemporary personal and moral issues as they related to those theories. *Pre-Requisites: REL 1301 and REL 1311, or REL 1312H and REL 1314H*

## Physics

PHY 1401 Physics I

Basic concepts of kinematics, dynamics, Newtonian physics, sound, and thermodynamics through lectures, laboratory experiences, and problem solving. Students should be co-enrolled in PHY 1401L.
*Pre-Requisites: MTH 1351 with a grade of C or higher, or math placement at a higher level.*

PHY 1402 Physics II

Basic concepts of electromagnetism, and electromagnetic radiation including optics through lectures, laboratory experiences, and problem solving. Students should be co-enrolled in PHY 1402L.
*Pre-Requisites: PHY 1401 or equivalent with a grade of C or higher.*

PHY 1441 Conceptual Physics

An introductory investigation of the fundamental concepts of physics. Topics include: Linear Motion, Force, Momentum, Energy, Rotational Motion, Gravity, Projectile and Satellite Motion, Solids, Liquids, and Gases. This course has a required laboratory component.
*Pre-Requisites: MTH 1351 with a grade of C or higher.*

PHY 4301 Topics in Modern Physics

Special relativity, statistical mechanics, the photoelectric effect and quantum physics, and nuclear physics and radioactivity.
*Pre-Requisites: PHY 1402 with a grade of C or higher*

## Political Science

POLS 1303 American Government and Citizenship

This course encourages students to think about their government with insightful analysis while affirming fundamental concepts. Specifically, this course will focus on the U.S. Constitution and the Bill of Rights and emphasize the benefits, responsibilities and thoughtful perspective necessary for effective citizenship. *Pre-Requisites: None*

POLS 2116/2216 Political Science Practicum

This course provides students with the opportunity to experience mock governance in a competitive or collaborative environment. Students will select a program and fully engage in the required level of preparation, participation, and reflection. Acceptable mock governance programs include, but are not limited to, the following: Model Organization of American States, Moot Court, Texas Civic Ambassadors, Student Governance, Mediation and Academic Conference Presentations. Course can be taken for 1 or 2 credit hours and can be repeated for credit.
*Pre-Requisites: None*

POLS 2305 Texas State & Local Government

This process-oriented class will focus on state and local governments with an emphasis on Texas. Specifically, this class will utilize field experiences to provide insight into political processes and issue advocacy.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303, or instructor approval.*

POLS 2371H American Politics (Honors)

This course encourages students to examine the role of political institutions, both personally and in society, with an emphasis on the American political experience. In addition to focusing on fundamental concepts of American politics, the course will contain extensive readings and discussions about applicable social, economic, and political topics. *Pre-Requisites: Acceptance into the Honors Program or instructor approval.*

POLS 3003 Readings in Political Science

In this variable-credit course (1-3 credits) students will work with a faculty member to select a range of required reading materials pertaining to a mutually agreed upon topic. Students will receive credit upon the complete reading of the selected materials, submission of a book review for each and discussion of those readings with the supervising faculty member.
*Pre-Requisites: Instructor approval.*

POLS 3321 Public Policy

This course provides students with the tools for understanding and appreciating modern policy frameworks. With a specific focus on economic and environmental policy, this course will work to develop student understanding the processes, motivations, and forms of agenda setting, policy implementation and policy evaluation.

*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3322 Introduction to Law

Provides a foundational examination of the law and American jurisprudence. Specifically, this course will examine the following areas of the law: torts, family law, property, criminal law, contracts, wills and estates, and legal research.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3323 Principles of Political Science

Provides a thorough examination of political science as a discipline. The course will focus on providing students the basic structures of general government processes and social science research. Specifically, students will focus on the Political Science sub-disciplines of political process, political theory, international politics, political economy, comparative politics, political culture, political socialization, law, public policy, public administration and political science research methodology.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3301 Environmental Policy

This course provides an in-depth examination of the politics surrounding conservation and environmentalism. While the specific topics and concepts for this class will evolve, the class will focus on issues pertaining to climate change, land and resource management, resource conservation, sustainable agriculture, population, sustainable development, and global and national environmental regulations.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3302 American Constitutional Law

Provides an in-depth examination of the United States Constitution and the decisions of the U.S. Supreme Court. Specifically, this course will examine Constitutional interpretation and how it has shaped American political culture. This course will focus heavily on the historical, political, and analytical aspects associated with stare decisis, jurisprudence, and judicial interpretation in the United States.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3304 Special Topics in Political Science

Various course concepts and themes will be offered in the area of political science, law, or political economy. Course may be repeated for credit when topics vary.

*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3332 American Political Institutions & Processes

Provides a thorough examination of American political institutions, processes and behavior. Specifically, this class will provide an in-depth analysis of the presidency, bureaucracy, Congress, the Supreme Court, state legislatures, elections, pressure groups, and political parties.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3333 International Relations & Comparative Politics

The focus of this course is the examination of the geopolitical realities and the governance structures of the modern world. Students will be introduced to a variety of global governance topics related to diplomacy, global governance institutions, human rights, cultural dimensions, and the use of hard and soft power.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3334 Political Philosophies and Ideologies

The focus of this course is to provide an exploratory examination of the philosophical, ideological and theoretical foundations of modern Western political thought. This course will focus on a variety of social and political thinkers including, but not limited to, Plato, Machiavelli, Thomas Hobbes, Jean Jacques Rousseau, John Locke, John Stuart Mill, Adam Smith, Karl Marx, John Rawls and Robert Nozick.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 3335 Social Science Methods

This course focuses on the use of quantitative and qualitative research methodology that is most commonly utilized by social science practitioners. It will emphasize the use of techniques, and ethical constructs that are typically employed by those working in social science fields. Cross listed with CRIJ 3335.
*Pre-Requisites: MTH 2301*

POLS 3345 Rights of the Criminally Accused

This course will focus on the Constitutional rights of individuals who have been accused or convicted of crimes within the United States. Students will be introduced to a broad and critical understanding of American jurisprudence related to the 4th, 5th, 6th, 8th, 13th, and 14th Amendments, relevant case law, and substantive

and procedural due process.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H, or permission of the instructor.*

POLS 3351 Legal Writing and Moot Court Advocacy

This course offers students an immersive, practice-based introduction to legal research and advocacy through the structure of Moot Court. Participants will analyze case facts, interpret relevant statutes and precedent, and craft professionally formatted appellate briefs. Each student will present oral arguments in support of their assigned position within a simulated adversarial setting, developing both rhetorical precision and strategic reasoning.
*Pre-Requisites: None.*

POLS 3365 Legislative Politics

This course examines the legislative process through the ongoing work of the Texas Legislature during its regular session. Students will explore the structure and procedures of lawmaking, the political dynamics that shape policy outcomes, and the roles of legislators, parties, interest groups, and constituents. Emphasis is placed on legislative research, analysis of current bills and debates, and the practical realities of policymaking in Texas.
*Pre-Requisites: None.*

POLS 4136 Political Science Undergraduate Thesis

Students will work with a faculty member to propose, research, and write and defend a publication-grade research paper. Course may be repeated for credit.
*Pre-Requisites: None.*

POLS 4335 Political Science Leadership Capstone

This course is intended for upper-level students who are nearing completion of their degree. For this particular course, students will be expected to demonstrate a high level of proficiency in basic fundamental Political Science concepts, understand and articulate research goals through a thesis proposal, learn about leadership from select community change agents, and apply their accumulated knowledge and skill set to solving a designated community problem.
*Pre-Requisites: Completion of, or concurrent enrollment in, POLS 1303 or POLS 2371H.*

POLS 4346 Ethics of Power and Justice

This course focuses on the ethical constructs related to the concepts of power and justice. Specifically, this course will utilize readings, films, discussions, and writing assignments to explore the ethical approaches to various social challenges that are specific to politics, criminal justice, and law. Specifically, this course will evaluate issues and case studies through the Christian perspective.
*Pre-Requisites: None.*

## Psychology

PSY 1311 Introduction to Psychology

Scientific study of human behavior with emphasis on basic psychological functions.
*Pre-Requisites: None.*

PSY 1311H Honors Introduction to Psychology

Scientific study of human behavior with emphasis on basic psychological functions.
*Pre-Requisites: Admission to the Honors Program.*

PSY 2300 Careers and Vocation in Psychology

This course uses a comprehensive approach to considering careers in psychology through the Lutheran lens of vocation. Guided activities and projects will be used to assist in identifying students' needs, values, wants, interests, and abilities. Opportunities and resources will also be used to explore career paths related to psychology and to identify the skills and experiences required to be competitive in those industries.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 2301 Life-Span Development

Physical, cognitive, social, emotional and personality development of the individual from "womb to tomb," with the principal focus being on these developmental stages in childhood and adolescence within the context of the complete life span.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 2302 Human Sexuality & Gender

Social-psychological and developmental aspects of human sexuality. Examples of topics include: courtship, pregnancy and delivery, sexual health, and sex education.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 2303 Lutheran Ethos and Psychology

Exploration of the relationship between Lutheran ethos and Psychology. Topics will include vocation, servant leadership, and learning as a lifelong pursuit. Personal growth and fulfillment

will be emphasized.
*Pre-Requisites: PSY 1311 or PSY 1311H, and REL 1301*

PSY 2341 Statistics for the Behavioral Sciences

An introduction to the fundamentals of descriptive and inferential statistics, especially as they apply t the behavioral and social sciences. Cross-listed as SOC 2341.
*Pre-Requisites: PSY 1311 or PSY 1311H, or SOC 1301*

PSY 2391 Research Methods in the Behavioral Sciences

Methods and approaches to research in the behavioral and social sciences. Cross-listed as SOC 2391.
*Pre-Requisites: PSY/SOC 2341*

PSY 3302 Cognitive Psychology

A comprehensive overview of the many facets of cognitive psychology including information processing, the complexities of memory, language acquisition and functions, problem solving and decision making, and basic neurology. Also includes an overview of learning theories with a more in-depth look at the principal ones.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3303 Neuropsychology

Biological and cognitive aspects of neuropathological conditions, including relevant brain/behavior relationships. Introduction to neuropsychological assessment.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3304 Group Dynamics

Theory and practice in small group communication; goal setting, problem solving, listening, feedback, and leadership. As part of the course experience, students will plan an off-campus trip with additional costs to student. Cross-listed as COM 3304.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3305 Learning and Memory

Explores principles of conditioning and motivation; approaches to learning, including acquisition of verbal materials, concepts, and motor skills. Explores processes underlying information storage and retrieval, including different kinds of memory, forgetting, and conditions associated with memory impairment.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3306 Sensation & Perception

An introductory survey of the human senses and their role in perception, considering how we sense the physical environment and what factors influence our perception of it. Integrates theory, research, and application.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3307 Cyberpsychology

A comprehensive exploration of the intersection between psychology and technology. This course covers topics such as internet addiction, online communication, social media impact, gaming, cyberbullying, and digital well-being. The course addresses program outcomes related to critical thinking, communication, digital literacy, and ethics, while teaching marketable skills in analyzing the impact of technology on human behavior, navigating online environments responsibly, and understanding the ethical implications of technology use.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3312 Criminal Profiling

Exposes the student to the distressful, painful and often devastating effects of maladaptive behavior. The course will explore the interwoven biological, psychological and social antecedents and correlates of criminal behavior. Psychological issues and their relation to criminal and anti-social behavior will be studied. Personal and societal attitudes, feelings and values about criminal and anti-social behavior will be discussed extensively. Cross-listed as CRIJ 3312.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3315 History & Philosophy of Psychology

This course studies and examines the development of psychology from its early roots in philosophy and religion, through its empirical bases, to its direction in today's society. The aim is to discover what relationships, if any, there are between psychology and justice. This course may replace three hours of social/behavioral sciences, if at least one course is not already designated in the major.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3325 Interpersonal Relationships

Investigation into the communication and psychology of family dynamics, friendships, and romantic partners. One goal of this course will be to understand our own relationships and seek to improve them. In addition, students will examine relationship styles different from our own experiences in order to broaden our knowledge of relationship theories, practices, and cultural

variations. Cross listed with COM 3325.
*Pre-Requisites: PSY 1311 or PSY 1311H, or permission of instructor*

PSY 3330 Social Psychology

Examination of cultural and psychological influences in the development of individuals and societies. Cross-listed as SOC 3330.
*Pre-Requisites: PSY 1311 or PSY 1311H, and SOC 1301*

PSY 3334 Exercise and Sports Psychology

This class covers the psychological aspects of movement activities that underline performance. It also covers the intrinsic and extrinsic factors that must be recognized in order to understand, motivate, and evaluate human movement. Cross listed with KIN 3334. Note: Does NOT count for core physical education requirements.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3331 Introduction to Counseling Skills

An introductory course designed to acquaint students with current counseling theories and to acquire a beginning skill in counseling.
*Pre-Requisites: None*

PSY 3332 Personality Theories

Applicability of major personality theories to understanding human behavior.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3335 Health Psychology

Investigation of how biological, psychological, and social factors relate to disease states, illness, and stress.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3341 Psychopathology

Psychological abnormality, including anxiety, somatoform, obsessive-compulsive, and dissociative disorders; psychoses, neurodevelopmental disorders, neurocognitive disorders, sexual deviance, and other maladaptive behaviors.
*Pre-Requisites: PSY 1311 or PSY 1311H*

PSY 3342 Understanding Family Systems

This course offers an in-depth exploration of family systems, focusing on the underlying mechanisms that sustain them and the profound impact they have on children within these structures. By the end of the course, students will be better equipped to engage with family systems effectively and confidently, enabling them to provide informed support to the children and families they serve. Cross listed with SOC 3342.
*Pre-Requisites: PSY 1311 or PSY 1311H, and SOC 1301.*

PSY 3350 Biopsychology

An introduction to the structure and function of the nervous system and the relationship between psychological processes and the brain in humans and other animals. Cross-listed with BIO 3350.
*Pre-Requisites: PSY 1311 or PSY 1311H.*

PSY 3351 Child Development

This course offers a thorough examination of essential aspects of child development, including physical, psychological, social, and cognitive growth, from conception through late adolescence. It emphasizes key contexts influencing development, such as family dynamics, child care settings and socioeconomic factors. Aimed at students with diverse academic and career goals, the course provides insight into the major domains of childhood development and effective strategies that support children's well-being.
*Pre-Requisites: PSY 1311 or PSY 1311H.*

PSY 3352 The Power of Play: Introduction to Play Theory and Application

This course provides a comprehensive exploration of play including its theoretical foundations, developmental impacts and areas of application. Through a variety of play exercises and experiential assignments, students will survey diverse play experiences and their influences on the world of children. Applicable to students with a wide-range of career and education aspirations, this class encourages students to get into the world of the children they will one day support to advocate for inclusion of helpful play experiences. Cross-listed with SOC 3352.
*Pre-Requisites: PSY 3351 and SOC 1301, or permission of the instructor.*

PSY 3353 School Age Development

This course will provide an overview of the physical, cognitive, emotional, moral and social development of school aged children (6-12 years of age). Students will explore developmental milestones, including language and literacy acquisition, peer and familial relationships, stages of moral development and the role of school environments. Individual variations such as learning differences, cultural backgrounds and socioeconomic status will also be addressed. Through a unique blend of lectures,

observations and practical assignments students will gain a deeper understanding of the ways that children connect, learn and grow during their elementary school years.
*Pre-Requisites: PSY 1311 or PSY 1311H.*

PSY 3354 Introduction to Child Life

This course is an introduction to the field of Child Life, focusing on the roles and responsibilities of Child Life Specialists in supporting the psychosocial health of children and families in healthcare and community environments. In the course, students will gain a foundational understanding of Child Life practice as they examine how child development theories inform practice, the nature of therapeutic play, the impact of illness and hospitalization on children, the implementation of family-centered care, and expectations of Child Life professionals. They will also learn about key interventions and techniques utilized by Child Life Specialists in pediatric healthcare. Cross-listed with SOC 3354.
*Pre-Requisites: PSY 3351, PSY/SOC 3352, and SOC 1301.*

PSY 3406 Animal Behavior

An introduction to the study of animal behavior. Cross-listed as BIO 3406.
*Pre-Requisites: Any 3 or 4 academic hour course which fulfills a portion of the Natural Science Core requirement with a grade of "C" or above.*

PSY 3607 Psychology of Travel

This course exposes students to several psychological phenomena and their applications to travel. In this course students will examine the cognitive, social, emotional, and behavioral influence travel has on individuals, as well as explore potential psychological implications for communities. Additionally, this course provides an experiential learning opportunity and aims to expand students' cultural competence and global awareness.
*Pre-Requisites: PSY 1311 or PSY 1311H. Course Fee: Varies depending on travel destination.*

PSY 3608 Cross Cultural Psychology

This travel course examines the reciprocal relationship between culture and psychology. In this course students will explore how culture shapes mental processes and behavior. Additionally, students will examine how the study of culture can impact psychological theories, knowledge, research, and practice.
*Pre-Requisites: PSY 1311 or PSY 1311H. Course Fee: Varies depending on travel destination.*

PSY 4001 Child Life Professional Affiliation

This class is a directed and supervised zero-credit course for one semester that enables students seeking Child Life Professional Certification as post-graduates to maintain an affiliation with the university for purposes of pursuing a clinical internship. Students are required to secure their own clinical internship, but once they begin the internship, the supervising instructor from the university will maintain regular check-ins with the students in the course to make sure that they are progressing successfully through the 600-hour internship, which will occur off campus and have an on-site supervisor. Because the course does not earn credit, there will be no grade given for it. Students may enroll in this course more than once, if the clinical internship requires more than one semester to complete. Students enrolled in this course will receive insurance coverage needed for the internship and university logistical support in setting up the internship and moving through it. A course fee may apply. Graded as Pass/No-Pass. Cross-listed with SOC 4001.
*Pre-Requisites: Permission of Program Coordinator of the Behavioral Sciences major.*

PSY 4210 Child Life Practicum

A hands-on field experience that provides students in the Child Life Professional track of the Behavioral Science major with the opportunity to observe a Certified Child Life Specialist in a real-world setting and gain knowledge, skills, and attitudes needed to become a CCLS. The experience involves 100 hours of experiential learning on site along with outside assignments. Cross-listed with SOC 4210.
*Pre-Requisites: This course is offered in the summer and fall semesters and is limited to students who are pursuing a pathway to certification as a Child Life Specialist; thus, students will need the approval of the Director of the Behavioral Sciences major to enroll in the course. Students must begin a site registration for the practicum two semesters prior to beginning the practicum hours. Additional course pre-requisites are PSY 3351, PSY/SOC 3352, and PSY/SOC 3354.*

PSY 4305 Scientific Writing in Behavioral Sciences

Introduction to scientific writing in the behavioral sciences, with specific emphasis on written communication of academically rigorous original research. Topics covered include journal article structure, APA format, and peer review.
*Pre-Requisites: PSY 2341 and PSY 2391*

PSY 4310 Behavioral Sciences Internship

Supervised on-the-job experience and involvement at one of Austin's agencies/companies. Interns will work with professional in the intern's field of specialization. A senior level course for Behavioral Science majors only. Fulfills Experiential Learning requirement.
*Pre-Requisites: Senior standing, 3.0 GPA, 2.5 cumulative GPA, 18 credit hours of lower level and 9 credit hours of upper level work in the major.*

PSY 4360 Topics in Behavioral Sciences

A seminar-style examination, discussion, and analysis of specific issue, population, theoretical approach, or person(s) studied in the Behavioral Sciences. The focus of the seminar may be from a Psychological or Sociological perspective, or a combination of the two disciplines. Students may repeat this course when the topic changes. Cross listed with SOC 4360.
*Pre-Requisites: 6 hours of upper-level hours in the Behavioral Sciences or by consent of the instructor.*

## Reading

RDG 3311 Foundations of Literacy

This course offers an overview of the theoretical foundations of reading and writing instruction. It includes developing an understanding of the five components of an effective reading program (phonemic awareness, phonics, fluency, vocabulary, and comprehension), reading strategies, and the Texas Essential Knowledge and Skills (TEKS) to understand the importance of a successful reading program in early childhood through grade twelve.
*Pre-Requisites: Grade of 'C' or higher in EDU 2343.*

RDG 3326 Emergent Literacy and Language in Primary Grades

This course focuses on developing emergent literacy skills in the primary grades (K-2), emphasizing the foundational Science of Teaching Reading Skills relating to phonemic awareness and phonics. Students will observe, design, implement, and reflect on reading lessons based on theory and research-validated strategies for diverse learners. This course requires fieldwork.
*Pre-Requisites: Credit for EDU 3101 and a grade of 'C' or higher in RDG 3311*

RDG 3342 Disciplinary Literacy

In this course content education students deepen their understanding of the literacy demands (listening, speaking, reading and writing) associated with their future teaching disciplines. Students also develop skills for identifying the literacy demands required to complete a lesson and teaching those skills along with the content. 45 hours of fieldwork is required. Fulfills Experiential Learning requirement
*Pre-Requisites: Credit for EDU 3101*

RDG 4327 Literary and Language in the Intermediate Grades

This course focuses on appropriate methods of designing and implementing literacy instruction for students in the intermediate grades (3-8) based on the science of teaching reading. Students will observe, design, implement, and reflect on literacy lessons based on theory and research validated strategies for diverse learners. This course requires fieldwork.
*Pre-Requisites: Admission to the Teacher Education Program, credit for EDU 4101, and a grade of 'C' or higher in RDG 3326*

## Religion

REL 1301 New Testament History and Reading

The background, growth and content of the New Testament. Sources and chronology of the Apostolic Age and Early Jewish Christianity.
*Pre-Requisites: None*

REL 1311 History and Literature of the Old Testament

A literary-historical interpretation of the Old Testament, with special emphasis on its religious significance.
*Pre-Requisites: None*

REL 1312H Biblical Foundations

In this course, students will be exposed to the story of the Triune God through the witness of God's own Word. The course offers biblical access to people of any faith background, providing a foundation for understanding God and God's work for the world. Biblical foundations include God's work of creation, deliverance, presence, redemption, and mission. These biblical foundations will be clearly applied to the student's own lived experience and will prepare the student for the spiritual formation course.
*Pre-Requisites: None*

REL 1314H Christian Formation

In this course, students will engage the story of the Triune God through the witness of God's own Word, applying the practices of the Christian faith into their own spiritual formation. The course offers biblical access to people of any faith background, providing a foundation for understanding God and God's work for the world. Christian formation includes relevant Christian topics such as worship, Law and Gospel paradigms, doctrine and catechesis, and eschatology. Each of these will be connected with relevant academic pursuits, such as ethics, philosophy and worldview, apologetics, and vocation. Additionally, these will be clearly applied to the student's own lived experience, preparing the student for continued study at Concordia and for their own ongoing life in the world.
*Pre-Requisites: REL 1312H*

REL 1331 Introduction to Christianity

An introduction to the historical background, sources, literature, and basic beliefs of the Christian tradition. Intended for students with little or no background in the knowledge and experience of the Christian faith. This course may not be taken by any student who has earned more than 3 credit hours in religion.
*Pre-Requisites: None*

REL 1450 New Testament for Healthcare Workers

This course integrates the New Testament narrative for healthcare practice. Students will explore how God's work of creation, deliverance, presence, redemption, and mission addresses suffering, healing, and care for the vulnerable. Through the study of historical and religious contexts of biblical healing narratives, students will apply the story of God within their own life and through Scripture in clinical contexts with diverse patient populations.
*Pre-Requisites: None; reserved for Pre-Nursing and Nursing students.*

REL 1451 Old Testament for Healthcare Workers

This course provides healthcare students with an integrated biblical foundation for holistic care. Students will examine how God's work of creation, deliverance, presence, redemption, and mission speaks to healthcare challenges including suffering, disability, end-of-life care, and health justice. Building on interpretive skills and knowledge of major biblical characters, events, and themes, students will apply biblical principles of shalom, justice, lament, and hope to healthcare vocations.
*Pre-Requisites: None; reserved for Pre-Nursing and Nursing students.*

REL 3302 Luke-Acts

Study of the two-volume work of Luke stressing the growth of the church.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3303 Major Pauline Epistles

Examination of major Pauline Epistles. Emphasis on theological perspective these contributed to the Apostolic Church and Protestant Reformation.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3305 Law, Justice and Grace in the Biblical Perspective

This course exposes students to the biblical concepts of law, justice, grace and the role of religion in modern American law. Students will read and discuss biblical passages dealing with the divine role of civil government, the law of God, civil disobedience, the death penalty, and the place of grace in a Christian's life. The course will also focus on freedom of religion and the proper roles of church and state.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3312 Wisdom Literature

A study of Israelite wisdom writings, especially the books of Job, Ecclesiastes and Proverbs, and the application of their themes to contemporary issues.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3313 Major Prophets: Isaiah

The interpretation of the prophecies of the Book of Isaiah with attention to historical events, literary style, and ancient and modern religious significance.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3333 Introduction to Christian Ethics 3,0

A study of ethical behavior and norms provided by the Christian faith. Attention given to both Christian ethical theory and contemporary personal and moral issues.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3335 Christian Apologetics

This course will survey the nature, objectives, and significance of presenting a viable defense of the Christian faith against objections of the major philosophies and ideologies that conflict with the faith in this "post Christian" and "post-

modern" age.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3342 Lutheran Confessions

A study of the history and content of the Lutheran confessional documents contained in the Book of Concord.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3343 Christian Teachings

The main purpose of this course will be to explore the foundational doctrinal teachings that have shaped Christian traditions, beliefs and life, especially from a Lutheran perspective. In our attempt to understand what Lutheran Christians have historically believed, taught and confessed, we will also seek to apply Lutheran theological commitments to specific theological debates in contemporary Christianity. Moreover, we will explore how Lutheran doctrinal beliefs remain important resources for contemporary and ecumenical theological understanding, for ministry, for preaching, and for teaching.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3345 Theology of Worship

In this course, students will consider the biblical, philosophical, historical and cultural influences on Christian worship. Throughout the course, students will study the participation in and leadership of Christian worship from a variety of perspectives.
*Pre-Requisites: REL 1301 or REL 1311*

REL 3346 A Christian View of Nature

An examination of Biblical passages about the natural world and discussion of related theological issues.
*Pre-Requisites: REL 1301 and REL 1311; plus junior standing or permission of instructor*

REL 3352 History and Philosophy of the Reformation

History, philosophy, theology, and literature of the Protestant Reformation.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3353 American Christianity

A study of the major denominations within American Christianity.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3354 History of Christianity

An overview of the history of Christianity from the New Testament era to the present. The course will focus on the central persons, ideas, issues, and events that have shaped the Christian Church and its worship, doctrine, ethics, organization, and mission. Cross-listed as HIS 3354.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3355 History of Christian Mission

The course will cover the historical expansion of the Christian church and its impact on societies around the world. The course will examine the theology, culture, politics and methods of mission efforts beginning with the Acts of the Apostles.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3361 The Writings of C. S. Lewis

Studies the life, the works, the literary criticism, the themes, and the thought of C.S. Lewis, with attention to the various literary genres within which Lewis wrote. This course is also available online.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3362 Narnia Meets Middle Earth

This course offers a close look at the impact of such authors as Joseph Campbell, C.S. Lewis, J.R.R. Tolkien, J.K. Rowling, and the Scriptures upon the world of religion, imaginative literature, communication, and our way of life by studying the role of imagination and myth.
*Pre-Requisites: REL 1301 and REL 1311*

REL 3381 Major World Religions

Introduction to the history, faith, and culture of the major non-Christian religions of the modern world, including Islam, Judaism, Hinduism, and Buddhism, with brief attention to minor religions and non-theistic religion.
*Pre-Requisites: REL 1301 and REL 1311*

## Science

SCI 1402 Introduction to Astronomy

A study of the solar system, the Sun, stars, galaxies and the Universe. Descriptive and observational astronomy are stressed. This course has a required laboratory component. Students who have credit for a higher-level Astronomy course may not take this course for credit. Students must enroll in co-requisite SCI 1402L lab course.
*Pre-Requisites: Placement at lower college entry mathematics or higher or successful completion of MTH 0320.*

SCI 3301 Astronomy

A study of the stars, the solar system, planets, satellites, and galaxies. Descriptive and observational astronomy are stressed.
*Pre-Requisites: MTH 1323 Quantitative Literacy or higher*

SCI 3303 Geology and Ecology : Southwestern U.S.

A field study of major landforms and wildlife associated with the desert Southwest. This course emphasizes recognition of depositional and erosional features, identification of wildlife, and the interactions between biotic and abiotic components of desert ecosystems. Also includes a study of environmental concerns and conservation efforts in the deserts of the Southwest. Offered during Spring Break and/or summer and requires extensive physical exertion and "roughing it." Additional fee for course paid at the time of registration. Fulfills Experiential Learning requirement.
*Pre-Requisites: Consent of instructor. Course Fee: $650*

SCI 3304 Geology and Ecology of Hawaii

A field study of volcanism and the biological and physical factors which have influenced the ecological development of the Hawaiian Islands. This course emphasizes recognition of geologic features, wildlife identification, and a study of environmental concerns and conservation efforts in Hawaii. Offered during Spring Break and/or summer and requires extensive physical exertion and "roughing it." Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.
*Pre-Requisites: Consent of instructor.*

SCI 3307 Geology and Ecology of Texas

A field study of the geology and ecology of selected ecoregions in Texas, including the biological and physical factors which have influenced the development of different ecoregions in Texas. The course emphasizes application of ecological concepts to the field, recognition of geological features, wildlife identification, and a study of environmental concerns. Requires good physical condition due to strenuous hiking activity. Fulfills Experiential Learning requirement. *Pre-Requisites: Consent of instructor.*

SCI 4310 Natural Science Research Project

Students will plan, execute, and report on a research project under the supervision of a Natural Science faculty member. A senior level course for natural science majors and environmental science majors; graded on a Pass/Fail basis. Instructor approval required for registration. May be repeated once for credit.
*Pre-Requisites: Approval of Natural Science faculty instructor.*

## Sociology

SOC 1301 Introduction to Sociology

Application of sociological analysis and concepts to American society. Fulfills Experiential Learning requirement.
*Pre-Requisites: None*

SOC 2306 Race and Ethnic Relations

Emphasis on race and ethnic relations as a national concern with emphasis on these concerns in the Southwest. Cross-listed as HIS 2306.
*Pre-Requisites: SOC 1301 or HIS 1301 or HIS 1302*

SOC 2341 Statistics for the Behavioral Sciences

An introduction to the fundamentals of descriptive and inferential statistics, especially as they apply to the behavioral and social sciences. Cross-listed as PSY 2341.
*Pre-Requisites: PSY 1311 or SOC 1301*

SOC 2391 Research Methods in the Behavioral Sciences

Methods and approaches to research in the behavioral and social sciences. Cross-listed as PSY 2391
*Pre-Requisites: PSY 2341 or SOC 2341*

SOC 3301 Urbanization (Demography)

City development especially in the United States and examination of the social implications of urbanization.
*Pre-Requisites: SOC 1301*

SOC 3302 Marriage and Family

Study and analysis of dating, marriage and the family in North America.
*Pre-Requisites: SOC 1301*

SOC 3303 Social Gerontology

Study and analysis of aging in the United States; secondary reference to the elderly in selected countries of the world.
*Pre-Requisites: SOC 1301*

SOC 3304 History & Culture: Mexican American

An analysis of the history and culture of the Mexican American people. Cross-listed as HIS 3304.
*Pre-Requisites: Three credit hours of history or SOC 1301*

SOC 3305 Introduction to Social Work

An introduction to the field of social work, which includes an examination of the nature of professional social work, the diverse career opportunities for social workers, the historical development of the profession, and the values and ethics that shape the profession.
*Pre-Requisites: None.*

SOC 3306 Social Welfare and Social Policy

Examination of social welfare policy, including the purposes of social welfare and the most important social welfare programs addressing major social problems. Attention will also be given to the significance of social, economic, and political factors that influence policymaking and implementation.
*Pre-Requisites: SOC 1301*

SOC 3307 Social Inequality: Class, Status, and Power

An analysis of the ways that societies are unequal in their distributions of wealth, power, and prestige, including an examination of inequality related to social class, race, ethnicity, and gender as well as a study of mobility and institutions that inhibit or enhance mobility. The course also explores contemporary manifestations of social inequality as well as historical and theoretical understandings.
*Pre-Requisites: SOC 1301*

SOC 3308 Sociology of Sport

Sports, similar to other institutions throughout the world, can be viewed as socially constructed and therefore a product of society. The sociology of sport is the predominate approaches to understanding how sport is developed, maintained, and influential to society.
*Pre-Requisites: SOC 1301*

SOC 3309 Death and Dying

Overview of the sociological aspects of thanatology (the study of death and dying) with attention also given to psychological, physical, and spiritual aspects. Topics include the social meanings of death, social norms, cultural practices, and institutions related to the treatment of death in the U.S. and other societies, individual and societal responses to different types of death, and socialization around death. In addition, the course will include a significant interdisciplinary focus, addressing how individuals process death at different stages of life, deal with grief and loss as well as spiritual frameworks for thinking about death and dying.
*Pre-Requisites: SOC 1301, or permission of the instructor.*

SOC 3311 Criminology and Crime

The examination of crime, criminals, corrections, and community response; criminology theories and correctional systems. Cross-listed as CRIJ 3311.
*Pre-Requisites: SOC 1301*

SOC 3321 Sociological Theory

An examination of both historical and contemporary sociological theories.
*Pre-Requisites: SOC 1301, 6 additional credit hours in Sociology and Behavioral Sciences, upper level standing*

SOC 3330 Social Psychology

Examination of cultural and psychological influences in the development of individuals and societies. Cross-listed as PSY 3330.
*Pre-Requisites: PSY 1311 and SOC 1301*

SOC 3331 Sociology of Children and Childhood

Examination and analysis of the concepts, theories, and empirical research in the sociological study of children and childhood with a focus on the social construction of the perception of children and of childhood as a distinct life stage; the process of socialization; and the social problems facing children. Although the emphasis will be on children in U.S. society, a global perspective will also be used to explore the diversity of children's experiences across societies.
*Pre-Requisites: SOC 1301*

SOC 3342 Understanding Family Systems

This course offers an in-depth exploration of family systems, focusing on the underlying mechanisms that sustain them and the profound impact they have on children within these structures. By the end of the course, students will be better equipped to engage with family systems effectively and confidently, enabling them to provide informed support to the children and families they serve. Cross listed with PSY 3342.
*Pre-Requisites: PSY 1311 or PSY 1311H, and SOC 1301.*

SOC 3352 The Power of Play: Introduction to Play Theory and Application

This course provides a comprehensive exploration of play including its theoretical foundations, developmental impacts and areas of application. Through a variety of play exercises and experiential assignments, students will survey diverse play experiences and their influences on the world of children. Applicable to students with a wide-range of career and education aspirations, this class encourages students to get into the world of the children they will one day support to advocate for inclusion of helpful play experiences. Cross-listed with PSY 3352.
*Pre-Requisites: PSY 3351 and SOC 1301, or permission of the instructor.*

SOC 3354 Introduction to Child Life

This course is an introduction to the field of Child Life, focusing on the roles and responsibilities of Child Life Specialists in supporting the psychosocial health of children and families in healthcare and community environments. In the course, students will gain a foundational understanding of Child Life practice as they examine how child development theories inform practice, the nature of therapeutic play, the impact of illness and hospitalization on children, the implementation of family-centered care, and expectations of Child Life professionals. They will also learn about key interventions and techniques utilized by Child Life Specialists in pediatric healthcare. Cross-listed with PSY 3354.
*Pre-Requisites: PSY 3351, PSY/SOC 3352, and SOC 1301.*

SOC 4001 Child Life Professional Affiliation

This class is a directed and supervised zero-credit course for one semester that enables students seeking Child Life Professional Certification as post-graduates to maintain an affiliation with the university for purposes of pursuing a clinical internship. Students are required to secure their own clinical internship, but once they begin the internship, the supervising instructor from the university will maintain regular check-ins with the students in the course to make sure that they are progressing successfully through the 600-hour internship, which will occur off campus and have an on-site supervisor. Because the course does not earn credit, there will be no grade given for it. Students may enroll in this course more than once, if the clinical internship requires more than one semester to complete. Students enrolled in this course will receive insurance coverage needed for the internship and university logistical support in setting up the internship and moving through it. A course fee may apply. Graded as Pass/No-Pass. Cross-listed with PSY 4001.
*Pre-Requisites: Permission of Program Coordinator of the Behavioral Sciences major.*

SOC 4210 Child Life Practicum

A hands-on field experience that provides students in the Child Life Professional track of the Behavioral Science major with the opportunity to observe a Certified Child Life Specialist in a real-world setting and gain knowledge, skills, and attitudes needed to become a CCLS. The experience involves 100 hours of experiential learning on site along with outside assignments. Cross-listed with PSY 4210.
*Pre-Requisites: This course is offered in the summer and fall semesters and is limited to students who are pursuing a pathway to certification as a Child Life Specialist; thus, students will need the approval of the Director of the Behavioral Sciences major to enroll in the course. Students must begin a site registration for the practicum two semesters prior to beginning the practicum hours. Additional course pre-requisites are PSY 3351, PSY/SOC 3352, and PSY/SOC 3354.*

SOC 4305 Social Action Project

Individualized advocacy project with a local organization; includes examination of social problems, community organization efforts, and strategies for social change, as well as development of an action plan that will be presented to a group of stakeholders. Course also involves substantive research and written assignments. This capstone course addresses program outcomes of evaluating empirical evidence and promoting justice at different systemic levels. This course is one of two required capstone courses that Sociology majors can select and is not open to other majors.
*Pre-Requisites: SOC 1301 and senior-level standing.*

SOC 4310 Behavioral Sciences Internship

Supervised on-the-job experience and involvement at one of Austin's agencies/companies. Interns will work with professional in the intern's field of specialization. A senior level course for Behavioral Science majors only. Fulfills Experiential Learning requirement.
*Pre-Requisites: Senior standing, 3.0 GPA, 2.5 cumulative GPA, 18 credit hours of lower level and 9 credit hours of upper level work in the major*

SOC 4360 Topics in Behavioral Sciences

A seminar-style examination, discussion, and analysis of specific issue, population, theoretical approach, or person(s) studied in the Behavioral Sciences. The focus of the seminar may be from a Psychological or Sociological perspective, or a combination of the two disciplines. Students may repeat this course when the topic changes. Cross-listed with PSY 4360.
*Pre-Requisites: 6 hours of upper-level hours in the Behavioral Sciences or by consent of the instructor*

## Spanish

SPN 1401 Spanish I

Introductory Spanish imparts communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: None*

SPN 1402 Spanish II

Continued introductory Spanish imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.
*Pre-Requisites: SPN 1401*

SPN 2301 Medical Spanish for Healthcare Workers

Medical Spanish imparts conversational vocabulary for healthcare settings; also, cultural awareness of Spanish-speaking populations.
*Pre-Requisites: None*

SPN 2311 Spanish III

Intermediate Spanish imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It further offers advanced skills in linguistic and cultural accuracy.
*Pre-Requisites: SPN 1402*

SPN 2312 Spanish IV

Continued intermediate Spanish imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It offers high-level skills in linguistic and cultural accuracy.
*Pre-Requisites: SPN 2311*

## Sports Administration

SPAD 5301 Critical Issues/Events in Sports

Studies contemporary administrative, social, and ethical issues in American supports through a historical lens. Students will read about and discuss the historical roots of sports violence, doping, amateurism, sports as builders of nations and character, the relationship between sports and race and gender, and the relationship between sports and the media.
*Pre-Requisites: None*

SPAD 5303 Finance

Reviews the management of finances in administering a sports program, event or facility and seeks to develop administrators who will act with integrity, fairness, and competence in dealing with budget formation and compliance, revenue source identification, and expenditure allocations.
*Pre-Requisites: None*

SPAD 5304 Facilities/Event Planning

Explores the details of planning and implementing various sports-related events while also making the best use of available facilities and space.
*Pre-Requisites: None*

SPAD 5305 Media/Marketing

Explores the use of various media and techniques to market sports to a wide variety of consumers. It discusses factors which affect consumer behavior, tools to understand consumers, branding, and the implementation of effective marketing programs.
*Pre-Requisites: None*

SPAD 5310 Organizational Behavior in Sports

This course explores the multidimensional aspect of individuals' behaviors and roles within the context of sport's group dynamics. Study includes motivational strategies, personality traits, communication techniques, and team climate which lead to team cohesion and success.
*Pre-Requisites: None*

SPAD 5311 Legal Aspects of Sports

The course surveys the multitude of regulations and legal developments relating to interscholastic, intercollegiate, and professional athletics. Included are issues relating to gender equity (Title IX), individuals with special needs (Individuals with Disabilities Act, Section 504,

Americans with Disabilities Act), and tort actions (negligence, assault, hazing, defamation).
*Pre-Requisites: None*

SPAD 5331 Principles of Coaching

Introduction to coaching including philosophy, self-evaluation, ethical behavior, communication skills, coaching techniques, management, safety concerns, teaching sport specific skills and developing physical and psychological conditioning for competition.
*Pre-Requisites: None*

SPAD 5333 Practicum in Coaching

This practicum provides students with the opportunity to apply the cumulative knowledge and skills in the SPAD program to a real-world work environment. The internship involves the following steps: 1) selecting a work site; 2) developing a contract that ensures both employer and student benefit; 3) fulfilling the contract activity through ongoing work; and 4) preparing a paper that summarizes the learning experience and outcomes. The expectation is for a minimum of hours completed in this internship.
*Pre-Requisites: None. Course Fee: $75*