Welcome to the CUI Online Catalog

Concordia is a Lutheran university which seeks to develop wise, honorable and cultivated citizens through the liberal arts and professional studies. We are dedicated to the Great Commission of Jesus Christ to share the Gospel, and we encourage and equip our students to give witness to the love of Christ in word and deed on campus, in the local community and throughout the world.

The theme chosen by this year’s senior class is “Renewed in Christ,” based on Colossians 3:10-17.” In those verses we are encouraged to put on compassionate hearts, practice kindness, humility and patience, and bear with one another in love, as people renewed in Christ.

We invite you to use this catalog to learn more about what a Concordia education has to offer and then to consider becoming a part of the Concordia family, a family whose members seek and experience renewal in Christ who is our Lord and Savior.

Kurt J. Krueger, PhD
President
Concordia University Irvine
The Concordia University Board of Regents operates Concordia University as an institution of higher education.

The statements made in this General Catalog constitute official policies of Concordia University. These policies are subject to change by the president, the Board of Regents, and the faculty. Publications which reflect additional policies include the university’s Student Handbook, policy manual, and the schedule of classes. Students are expected to confer with their academic advisors for precise information concerning academic programs.

Correspondence regarding these policies should be addressed to:
Office of the Provost
Concordia University
1530 Concordia West
Irvine, CA 92612

Concordia University does not discriminate on the basis of race, color, national and ethnic origin, sex, or disability in any of its policies, procedures, or practices. This includes, but is not limited to, admission, employment, financial aid, educational services, programs, and activities. Inquiries regarding this policy may be directed to:
Executive Vice President and Provost
Concordia University
1530 Concordia West
Irvine, CA 92612

Concordia University, Irvine, California, is registered as a private institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

An individual may contact the Bureau for Private Postsecondary Education for review of a compliant. The bureau may be contacted at 2535 Capital Oaks Dr. Suite 400. Sacramento CA 95833

CONCORDIA UNIVERSITY CATALOG CONTRACT DISCLAIMER
Concordia University has established certain academic requirements which must be met before a degree is granted. This catalog summarizes the total requirements which the student must presently meet before academically qualifying for a degree from Concordia University. Advisors, program directors, and deans are available to help the student understand and arrange to meet these requirements, but the advisors, program directors, and deans are not responsible for ensuring that the student fulfills them.

In addition, this catalog and the requirements listed in it for any given degree do not constitute a contract of promise by Concordia University to award the degree upon completion of those requirements by the student. Courses, programs, and requirements described in this catalog for the award of a degree may be suspended, deleted, restricted, supplemented, or otherwise changed in any manner at any time at the sole discretion of the university and its Board of Regents.

DIRECT CORRESPONDENCE TO DEPARTMENTS LISTED IN THE INFORMATION DIRECTORY.
2015 - 2016 TRADITIONAL UNDERGRADUATE
ACADEMIC CALENDAR

Fall 2015 Semester

August
21 Residence halls open for NEW students
21 Clearance/Orientation for NEW students
23 Residence halls open for RETURNING students
24 Instruction begins
25 Opening Service (10:30 am – CU Arena)
28 Last Day to ADD a class without Instructor approval

September
4 Last day to ADD a class with instructor approval
4 Last day to DROP a class without record of enrollment
7 Labor Day Holiday (no classes – offices closed)
8 Census Report
18 Deadline to apply for Fall 2015 graduation
28 Advising Appointments (thru November 13)

October
12 -16 Mid-semester Week
15 -16 Mid-semester Break (no classes)

November
13 Last day to WITHDRAW from class with “W”
15 -18 Spring 2016 semester priority registration
23 -27 Thanksgiving Break (no classes – offices closed Nov. 26, 27)

December
4 First Deadline to apply for Spring 2016 graduation
14 -18 Final Exam Week
19 Fall Commencement Activities
22 Semester grades due in MY RECORDS (end of Fall 2015 semester)

Spring 2016 Semester

January
10 Clearance/Orientation for NEW students
10 Residence halls open for NEW & RETURNING students
11 Classes begin
15 Last day to ADD a class without instructor approval
18 Martin Luther King Day (no classes – offices closed)
22 Last day to ADD a class with instructor approval
22 Last day to DROP a class without record of enrollment
26 Census Report

February
22 Advising Appointments (thru April 8)
29 Mid-Semester Break (no classes)
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<th>March</th>
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<td>1 - 4</td>
<td>Mid-Semester Break (no classes)</td>
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<td>24 - 28</td>
<td>Easter Break (no classes – offices closed March 25, 28)</td>
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<td>28</td>
<td>Easter Break (classes after 4:00 p.m. will meet – offices closed)</td>
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<td>April</td>
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<td>Last day to WITHDRAW from class with “W”</td>
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<td>10-13</td>
<td>Priority Registration for Fall 2016 semester</td>
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<td>Final exam week</td>
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<td>Commencement activities</td>
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<td>10</td>
<td>Semester grades due in MY RECORDS (end of Spring 2016 semester)</td>
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<td>10</td>
<td>Deadline to apply for Summer 2016 graduation</td>
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**Intensive Courses 2016**

TBD
General Information

Undergraduate Learning Outcomes

A. Written Communication (WC): Students compose focused and coherent written content; organize and logically develop their ideas; find, analyze and integrate appropriate sources; and demonstrate facility in discipline- or genre-specific conventions of writing.

B. Oral Communication (OC): Students make verbal presentations in which they articulate a central message, organize main ideas, integrate appropriate supporting information, employ language appropriate for the topic and audience, and utilize delivery techniques that enhance the presentation.

C. Systematic Inquiry (Critical Thinking [SI:CT] & Information Literacy [SU:IL]): Students explain a problem, articulate a (hypo)thesis, investigate using appropriate sources, analyze the information, and craft logical conclusions and creative solutions to the problem.

D. Quantitative Reasoning (QR): Students demonstrate understanding of quantitative facts and concepts, perform calculations successfully, and apply problem solving strategies to analyze quantitative data and to draw appropriate conclusions.

E. Christian Literacy and Faith (CLF): Students describe the contents and contexts of the Bible, Christianity’s major teachings, how the Christian faith connects to their academic discipline(s) and vocation(s) in life, and have many opportunities to receive instruction in the Christian faith.

F. Service to Society and Church (SSC): Students serve society in ethical and merciful ways, examining benefits gained and challenges encountered, and Christian students have many opportunities to serve the church.

G. Informed and Responsive Citizenship (IRC): Students explain how political and economic systems have influenced citizenship in the United States and the world; interact effectively and ethically with people of various cultural/global contexts; engage with and analyze the arts; articulate how the culture of scientific knowledge relates to other disciplines; and describe healthy lifestyles.

H. Specialized Knowledge (SK): Students apply knowledge in a specific field that draws on current research, scholarship and/or techniques in the field.

History of Concordia University

The story of Concordia University dates back to the mid-1950s when a small group of Southern California Lutherans began to plan for a Lutheran college to serve the people of the Pacific Southwest. By 1962 the decision had been made by The Lutheran Church—Missouri Synod (LCMS) to build the new school.

An extensive search for the “perfect” site led to Irvine, California. Construction of the campus began in 1975 and in 1976 classes were held for the first time at Christ College Irvine, the original name of the institution. From a single building and thirty-six students, the school has grown to over twenty buildings and an annual enrollment of more than 3,500 undergraduate, graduate, and adult degree students.

In February 1993 the Board of Regents of Christ College Irvine, responding to a decision by the LCMS to incorporate its ten colleges and universities into the Concordia University System (CUS), voted to change the name of Christ College Irvine to Concordia University Irvine. This CUS, along with the two seminaries, 130 high schools, and over 900 elementary schools of LCMS, comprises the second largest church-related school system in the United States.
Concordia University includes Christ College and the Schools of Arts and Sciences, Business, Education, and Professional Studies.

Location of the Campus
Enjoying a hilltop setting fifty miles south of Los Angeles, eighty miles north of San Diego, and six miles inland from the Pacific Ocean, Concordia University is located on a spectacular 70-acre plateau overlooking Orange County.

Concordia is surrounded by civic and cultural opportunities, including museums, galleries, repertory theatres, orchestra, and choral groups. The metropolitan attractions of Los Angeles and San Diego are a one to two hour drive from the campus. The University of California at Irvine is only two miles away. The climate offers year-round recreational activities such as surfing, sailing, windsurfing, and tide pooling. Local mountains are within easy reach, offering hiking and winter snow-skiing opportunities. Bicycling is popular in the area and the extensive bike trails connect the campus with shopping centers and the waterfront areas of Newport Beach. The Orange County Airport is only five miles from campus.

The city of Irvine is a planned community, primarily residential but including multi-national business and industrial complexes. It is rated one of the safest cities of its size in the United States. The surroundings of the Concordia campus offer an oasis to wildlife and are an ideal setting for the university.

Faculty, Administration, and Staff
The faculty of Concordia University are highly qualified experts in their respective fields and teachers who care about their students. They have designed an outstanding array of excellent courses for student selection.

The faculty, administration, and staff of Concordia University are dedicated to service in the name of our Lord and Savior, Jesus Christ. The school is committed to fulfilling the Great Commission and to this end seeks to surround students with the love of Christ and His truth and to prepare them to be ambassadors of the Lord God throughout their professional careers.

Physical Facilities
The university, the facilities it occupies, and the equipment it utilizes fully comply with federal, state, and local ordinances and regulations, including those requirements regarding fire safety, building safety, and health. Teaching areas, activity areas, and ground level housing are accessible to those who have disabilities.

Library
The Library collection totals about 85,000 print volumes and more than 124,000 online volumes through EBSCO eBooks. In addition to print and eBooks, the library subscribes to more than 42,000 electronic and print journals as well as several major newspapers. While the print collection is strong in religion and theology, the Library is aggressively expanding the collection in a wide range of academic disciplines to support intellectual advancement in an academic environment and in support of the research and instructional mission of the University.

During the academic year, the Library is open seven days a week and provides access to research computers, group study rooms, individual CD-listening and video-viewing stations as well as a convenient printer/copier room. The library catalog, eBook collection, and research databases are available 24 hours a day at www.cui.edu/library.

The Library offers several services such as classroom instruction and in-library workshops on information literacy and research skills, reference help, and the opportunity to borrow and/or obtain books and articles from countless other libraries through inter-library loan (ILL).
Accreditation
Concordia University is accredited by the WASC (Western Association of Schools and Colleges) Senior College and Accrediting Commission, http://www.wascsenior.org/, 985 Atlantic Ave., Suite 100, Alameda, CA 94501, (510) 748-9001. Students and other interested parties may review accreditation documents by making a request to the Office of the Provost.

Academic Information

Bachelor's Degree
All students seeking the bachelor’s degree are required to complete all general education requirements, an academic major, and additional courses to fulfill a minimum of 128 semester units for graduation. Additional courses may lead to a professional program or a minor.

General Education
General Education is the foundation for all academic work at Concordia University. Composed of core and distribution courses in the liberal arts, General Education provides the essential knowledge an educated person should possess and the intellectual habits and skills necessary to use it well in every area of life. Through this broad intellectual experience, students pursue the general education learning outcomes that Concordia faculty have identified as crucial for achieving excellence in academics and being prepared to serve society and the church as “wise, honorable, and cultivated citizens.”

General Education Learning Outcomes
A. **Written Communication**: Students compose focused and coherent written content; organize and logically develop their ideas; find, analyze and integrate appropriate sources; and demonstrate facility in discipline- or genre-specific conventions of writing.
B. **Oral Communication**: Students make verbal presentations in which they articulate a central message, organize main ideas, integrate appropriate supporting information, employ language appropriate for the topic and audience, and utilize delivery techniques that enhance the presentation.
C. **Systematic Inquiry (Critical Thinking & Information Literacy)**: Students explain a problem, articulate a (hypo)thesis, investigate using appropriate sources, analyze the information, and craft logical conclusions and creative solutions to the problem.
D. **Quantitative Reasoning**: Students demonstrate understanding of quantitative facts and concepts, perform calculations successfully, and apply problem solving strategies to analyze quantitative data and to draw appropriate conclusions.
E. **Christian Literacy and Faith**: Students describe the contents and contexts of the Bible, Christianity’s major teachings, how the Christian faith connects to academic disciplines, and have many opportunities to receive instruction in the Christian faith.
F. **Service to Society and Church**: Students serve society in ethical and merciful ways, examining benefits gained and challenges encountered, and Christian students have many opportunities to serve the church.
G. **Informed and Responsive Citizenship**: Students explain how political and economic systems have influenced citizenship in the United States and the world; interact effectively and ethically with people of various cultural/global contexts; engage with and analyze the arts; articulate how the culture of scientific knowledge relates to other disciplines; and describe healthy lifestyles.
H. **Close Reading**: Students describe and analyze texts from a variety of academic disciplines.

Core Courses
The Core Curriculum component of Concordia’s general education curriculum fosters common, sequential, and interdisciplinary learning, providing a broad intellectual foundation that will be drawn on and developed in students’
distribution courses, majors, minors, and (pre)-professional programs. Core courses in biology, history, literature, math, philosophy, and theology are paired each semester to facilitate interdisciplinary learning. Each Core course engages students in dialogue about life’s enduring questions and ideas, the close reading of great works from around the globe, and across time, critical and creative thinking, effective writing, connecting the Christian faith to academics and cultivating excellent academic habits and skills. All students take Core courses in small, challenging, and encouraging learning communities. Students entering as freshmen take eight Core courses over their first four semesters at Concordia. Students entering as sophomores take four Core courses, ordinarily over their first two semesters. Students entering as juniors or seniors take two Core courses, ordinarily in their first semester.

Distribution Courses
Distribution courses typically build on the habits and intellectual foundations of the Core and broaden students’ knowledge and skills in other essential areas of learning for life. In theology, students read the two great works for the Christian faith—the Old and New Testament—to deepen their understanding of the Bible and enhance their ability to interpret and apply it to learning and life. In the fine arts, students produce and critique visual, musical, or theatrical pieces to cultivate their comprehension and enjoyment of the arts. Courses in physical science, social science, exercise and sport science, and global perspectives invite students to investigate the natural and human worlds they inhabit to become more informed, reflective, and responsible citizens. Courses in writing and debate or speech push students to hone a skill that is of inestimable worth in every vocation—the craft of clear and cogent communication. Together these courses—along with the Core—enrich students’ minds, bodies, and souls for intelligent, effective, and faithful service to society and the church.

Bachelor's Degree Requirements
General Education Learning Outcomes
- **Written Communication**
  - Students compose focused and coherent written content; organize and logically develop their ideas; find, analyze, and integrate appropriate sources; and demonstrate facility in discipline- or genre-specific conventions of writing.
- **Oral Communication**
  - Students make verbal presentations in which they articulate a central message, organize main ideas, integrate appropriate supporting information, employ language appropriate for the topic and audience, and utilize delivery techniques that enhance the presentation.
- **Systematic Inquiry (Critical Thinking and Information Literacy)**
  - Students explain a problem, articulate a (hypo)thesis, investigate using appropriate sources, analyze the information, and craft logical conclusions and creative solutions to the problem.
- **Christian Literacy and Faith**
  - Students describe the contents and contexts of the Bible, Christianity's major teachings, how the Christian faith connects to academic disciplines, and have many opportunities to receive instruction in the Christian faith.
- **Service to Society and Church**
  - Students serve society in ethical and merciful ways, examining benefits gained and challenges encountered; Christian students have many opportunities to serve the church.
- **Informed and Responsive Citizenship**
  - Students explain how political and economic systems have influenced citizenship in the United States and the world; interact effectively and ethically with people of various cultural/global contexts; engage with and analyze the arts; articulate how the culture of scientific knowledge relates to other disciplines; and describe healthy lifestyles.
- **Close Reading**
  - Students describe and analyze texts from a variety of academic disciplines.
General Education Requirements
(55-57 Units)

Core Courses: 25 Units

Level I
Students entering with 29 or fewer transferred semester units take 25 core units as follows:

Freshman Year
What are Truth, Goodness, and Beauty? (6 units)
CMTH 101: Nature of Mathematics ................................................................. 3
CPHI 101: Introduction to Philosophy ............................................................ 3

What is Truth? (7 units)
CBIO 101: Integrated Biology ........................................................................ 4
CTHL 101: Foundations of Christian Theology .............................................. 3

Sophomore Year
Who is a Virtuous Citizen? (6 units)
CENG 201: World Literature to the Renaissance ........................................ 3
CHST 201: The West and the World .............................................................. 3

What is the Nature of a Good Society? (6 units)
CENG 202: World Literature from the Enlightenment ............................... 3
CHST 202: America and the World ............................................................... 3

Level II
Students entering with 30-59 transferred semester units take 12 core units from the courses below:

Sophomore Transfer Core
What can We Know about God and Nature? (6 units)
CPHI 200: Introduction to Philosophical Inquiry ........................................... 3
CTHL 200: Introduction to Theological Thought .......................................... 3

Who is a Virtuous Citizen? (6 units)
CENG 201: World Literature to the Renaissance ........................................ 3
CHST 201: The West and the World .............................................................. 3

OR
What is the Nature of a Good Society? (6 units)
CENG 202: World Literature from the Enlightenment ............................... 3
CHST 202: America and the World ............................................................... 3

Students in this category also transfer in or take 13 additional units or their equivalents as follows:
CBIO 101: Integrated Biology ........................................................................ 4
CMTH 101: Nature of Mathematics ............................................................. 3
The CEng/CHst pair not taken above (6 units)

Level III
Students entering with 60 or more transferred semester units take the following six core units
Junior/Senior Transfer Core

What can We Know about God and Nature? (6 units)
C PHI 200: Introduction to Philosophical Inquiry ................................................................. 3
CT HL 200: Introduction to Theological Thought ................................................................. 3

Students in this category also transfer in or take 19 additional units or their equivalents as follows:
CBIO 101: Integrated Biology ............................................................................................ 4
CMTH 101: Nature of Mathematics .................................................................................. 3
CENG 201: World Literature to the Renaissance ............................................................... 3
CENG 202: World Literature from the Enlightenment ...................................................... 3
CHST 201: The West and the World .................................................................................. 3
CHST 202: America and the World .................................................................................. 3

Distribution Courses: (30-32 Units)

1. Interdisciplinary (2 units)
INT 100: Freshman Seminar ............................................................................................... 2

NOTE: Only required of students entering with fewer than 24 semester units of university credit.

2. Theology (6 units)
THL 201: History and Literature of the Old Testament ...................................................... 3
THL 202: History and Literature of the New Testament ...................................................... 3

3. Exercise and Sport Science (3-4 units)
ESS 101: Education for Healthful Living ...................................................................... 2
ESS ___: Select 2 different (0.5 or 1 unit) activity courses ................................................ 1-2

4. Communication (3 units)
Select 1 of the following courses:
COM 211: Introduction to Argumentation and Debate .................................................. 3
COM 111: Public Speaking ............................................................................................... 3

5. Performing and Visual Arts (3 units)
Select 1 of the following courses:
ART 111: Experiences in Art ........................................................................................... 3
ART 200: Elements of Art ............................................................................................... 3
MUS 102: Music Fundamentals ..................................................................................... 3
MUS 111: Experiences in Music ..................................................................................... 3
MUS 112: Music in the Liberal Arts .............................................................................. 3
MUS 201: Music Theory 1 ............................................................................................ 3
THR 111: Experiences in Theatre .................................................................................. 3
THR 251: Introduction to Theatre .................................................................................. 3

6. Global Perspective (3-4 units)
Select 1 of the following courses:
• Foreign Language (4 units at the second semester).
ANT 210: Cultural Anthropology .............................................................................. 3
ECO 201: Macroeconomics .......................................................................................... 3
ENG 382: Postcolonial Literature ................................................................................. 3
MUS 451: Music Cultures of the World: Emerging Nations ........................................ 3
MUS 452: Music Cultures of the World: The Silk Road ........................................... 3
POL 321: Political Thought 1: Ancient to Early Modern ........................................... 3
POL 322: Political Thought 2: The Enlightenment to Present ...................................... 3
THL 321: World Religions ............................................................................................................................................................ 3

7. Physical Science (4 units)
Select 1 of the following courses:
CHE 101: Introduction to Chemistry .......................................................................................................................................... 4
CHE 221: Chemistry 1 .................................................................................................................................................................. 4
PHY 211: Physics 1 ...................................................................................................................................................................... 4
PHY 231: Astronomy 1 ................................................................................................................................................................ 4
SCI 115: Physical Science: Introduction to Chemistry and Physics ............................................................................................. 4
SCI 118: Physical Oceanography ................................................................................................................................................ 3
NOTE: Phy 231-H is for Honors students only; consent of the Honors Program director is required.

8. Social Science (3 units)
Select 1 of the following courses:
ANT 210: Cultural Anthropology ................................................................................................................................................. 3
PSY 101: Introduction to Psychology ...................................................................................................................................... 3
SOC 101: Introduction to Sociology ........................................................................................................................................ 3

9. Writing (3 units)
Select 1 of the following courses:
WRT 102: Writing and Research ................................................................................................................................................. 3
WRT 201: The Art of the Essay .................................................................................................................................................... 3

Other Academic Requirements (69-73 Units)
1. Academic Major
2. Professional Program (if applicable)
3. Graduation Requirements
4. Minor and/or Electives (to reach 128 units)

TOTAL: 128 units

Graduation Requirements
Bachelor’s degree students must meet the following criteria:
A. Complete at least one 128 units or the equivalent. Only four units of physical education and/or applied music or ensemble, and four units of practicum in any one subject field may be counted towards the requirement, unless the specific major or program in which the student is enrolled requires additional units in the above categories.
B. Complete all general education curriculum courses or the equivalent.
C. Complete a single subject or broad field major.
D. Complete a minimum of three theology (Thl) units at Concordia University during each year of residence until the general education curriculum theology requirement (nine units) is met. Transfer students must complete a minimum of six of the general education curriculum theology units, nine units if the student’s degree program requires more than four semesters of residency for completion.
E. Maintain a grade point average (GPA) of 2.0 in all academic work (transferred or in residence) and a minimum GPA of 2.0 in major, minor, and program course work unless the major, minor, or program requirement is higher than 2.0.
F. Complete a minimum of one year residence (the last 32 semester units) as a student at Concordia. Furthermore, 18 of the last 24 units completed must be taken at Concordia.
G. Complete a minimum of fifty-one percent (51%) of the major and 50%-of the minor (if applicable) at Concordia.
H. Complete 33 units in upper-division (300-400 numbered) courses, of which at least 27-are taken at Concordia.
I. Demonstrate competency in a second language or successfully complete a full year of instruction in one modern foreign or biblical language at the university level or have successfully completed (“C” average or better) two years of world language instruction in the same world language in high school. Bilingual students are exempt from this requirement.
J. Complete INT 100 Freshman Seminar if the student entered Concordia with fewer than 24-semester units of university credit.

K. File an application for graduation form with the Registrar’s Office by the dates published in the Academic Calendar.

L. Complete payment of all fees and tuition due Concordia.

M. Receive faculty approval.

Normally, students will not be allowed to take part in graduation ceremonies until ALL requirements are completed.

**Associate in Arts Degree for International Students**

International students who are not seeking to complete a bachelor’s degree have the option of completing the Associate in Arts (AA) degree once they have demonstrated language competence and have met the other requirements for entrance to Concordia University. To receive an AA degree the student must complete an academic minor and AA general education requirements.

The AA program requires students to complete at least 30 units of general education and enough units in a minor and electives for a total minimum of 64 units.

Applicants for the AA degree for international students must also meet the following requirements:

1. Complete 3 theology units each year of residence until the 6 unit theology requirement is met.
2. Complete a minimum of 2 academic semesters in the associate’s degree program (at least 24 semester units) at Concordia University.
3. Maintain a GPA (grade point average) of at least 2.00 in all academic work.
4. File an application for graduation with the Office of the Registrar by the published dates for the academic year in which they plan to graduate.
5. Receive faculty approval.
6. Complete payment of all fees and tuition due Concordia University.

International students interested in pursuing this degree should contact an academic advisor for specific requirements for the degree.

**Graduate Degree Programs**

Information pertaining to graduate programs in Christ College and the Schools of Arts and Sciences, Business, Education, and Professional Studies, can be found in the Academic Programs link here. The Teacher Credential Program Handbook and master’s degree programs are also available online.
Academic Policies

Academic Advising
Faculty and staff academic advisors will assist in course selection with attention to degree requirements, course prerequisites, and other academic matters. **Ultimately, it is the responsibility of the student to maintain normal progress, to select the proper courses, and to meet all graduation requirements.**

Academic Honesty
The university expects all members of its community to act with responsibility. As an accredited institution of higher learning dedicated to the transmission of knowledge and the free inquiry after truth, Concordia strives to maintain the highest standards of academic honesty and seeks to heed the commands for honesty found in the Scriptures.

The university’s definition of academic honesty and disciplinary procedures may be found in the [Code of Conduct](#).

Academic Probation and Disqualification
A student having a semester grade point average (GPA) below 2.0 will be placed on probation for the following semester. Students on probation may register for no more than 13 academic units. Any student whose GPA has fallen below 2.0 for two semesters and whose institutional cumulative GPA is below 2.0 will be academically disqualified as a degree student. A student who earns a GPA of less than 1.0 in a semester will be dismissed immediately. Subsequent reinstatement may only be granted by the appeal board. Each student is allowed one academic appeal.

Assessment Program
Student development is the focus of Concordia’s mission. Therefore, achievement of the [undergraduate learning outcomes](#) as stated is assessed throughout the student’s time at Concordia in ways that go far beyond the grades achieved in the classes taken. Knowledge, skills, and attitudes are assessed at various points in the academic program in the areas of Written Communication, Oral Communication, Systematic Inquiry, Quantitative Reasoning, Christian Literacy and Faith, Service to Society and Church, Informed and Responsive Citizenship, and Specialized Knowledge. Some assessments occur within specified courses; others occur outside regular course activity.

Auditing
Students who wish to enroll in a course without receiving credit may choose to audit the course until the last day to add each semester. Exams and papers assigned to students taking the course for credit do not apply to audit students; all other expectations are the same. A notation of “Audit” will be assigned upon satisfactory completion of the course. Audited courses do not count toward graduation requirements. Additional information may be obtained in the Office of the Registrar.

Class Attendance
Registered students have freely accepted personal responsibility for enrollment and class attendance. Students are expected to attend all class and laboratory sessions for the courses in which they are enrolled. Students are expected to notify their instructor(s) of planned absences in advance and unplanned absences, due to sickness or emergency, within a reasonable period of time. Instructors are expected, per university policy and procedures, to record student attendance. Course syllabi will specify each instructor’s procedures for handling absences consistent with university, school, and program requirements.
Concurrent Registration

Students who wish to broaden their coursework beyond what Concordia University offers may register concurrently at other accredited institutions (such as the University of California, Irvine, or others in the area) after consulting with an academic advisor to obtain their consent. It is the policy of the university to pay the tuition for such a course if it fulfills a requirement in the student’s program that cannot reasonably be completed at Concordia University. Students must pay for the course, though, if they choose not to take it when it is offered at Concordia or if it is taken for enrichment or personal interest. Normally, students who apply for concurrent registration must maintain a minimum of nine units at Concordia unless special permission is obtained from the provost. Students wishing to drop a course being taken concurrently must follow regular drop procedures and repay any costs Concordia University may have paid. Application forms and additional information may be obtained in the Office of the Registrar.

Add-Drop-Changes: Non-Core Curriculum

A full-semester course may be added during the first week of the semester without the instructor’s approval. During the second week of the semester, a full-semester course may be added with the instructor’s approval.

A full-semester course may be dropped during the first two weeks of a semester without being recorded on the student's permanent record. A student who does not attend the first day of class may be dropped at the instructor's prerogative. This is done only for impacted courses (closed courses with students waiting to add the course).

A full-semester course may be dropped from week three through 11 with a grade of “W” and with the instructor's or dean/department chair's approval. Students may not withdraw from full-semester courses after week 11. Only students withdrawing from the university will be granted withdrawal status.

Changes for courses that meet during the first or second half of the semester must be made during the first week of the course.

All dates for adding, dropping, and withdrawing are published in advance of the academic year. Students may not petition because of a missed deadline.

Failure to follow the official procedures outlined above will result in credit not being granted for courses not officially added or the assigning of the grade of “F” for courses not officially dropped. Non-attendance does not constitute withdrawal from a class.

Add-Drop-Changes: Core Curriculum

A Core course, which may not be dropped, may be added and/or changed during the first two weeks of the semester with consent of the academic advisor.

Full-time students are required to enroll in one pair of Core courses each semester while at Concordia University until they have completed all of their Core course requirements.

Students are not permitted to withdraw from a Core course without the written approval of the instructor and Core Curriculum director. Such approval will normally be considered for one of two reasons:

1. an exceptional, documented personal tragedy that has prevented the student from participating in and fulfilling the requirements of the course, or
2. complete withdrawal from the university.

Under normal circumstances and in accordance with the academic virtues of responsibility, merit, and integrity, no student will be permitted to withdraw from a Core course because of academic performance.

Add/drop forms and additional information may be obtained in the Office of the Registrar.
Course Registration and Load
To be considered full-time, an undergraduate student must be registered for a minimum of 12-units each semester. However, an average of sixteen (16) units per semester is required to reach 128 units within eight semesters or four years.

Only students with a cumulative grade point average (GPA) of 3.0 or higher may register for more than 18-units in one semester. No student may receive credit for more than 21 units in a semester, including units from regular courses taken on campus, courses taken off campus, individualized study courses, and correspondence courses. Each semester a student wishing to take more than 18 units must file an application for overload with the Office of the Registrar prior to enrolling in the additional course(s). In most cases, students taking more than 18 units per semester will be assessed an overload fee. Contact the bursar’s office for more details.

Undergraduate students are required to register each year for the following academic year thereby reserving classes for the following academic year. Registration generally takes place during April for the following academic year. Specific dates are published yearly through the Office of the Registrar, and each undergraduate will be sent a registration packet to explain the procedure.

Fall and Spring registrations occur shortly before the beginning of each semester and are required to confirm the classes selected during the pre-enrollment process.

Registration is not complete until satisfactory financial arrangements have been made. A late charge of $100 will be assessed to those students who do not complete Fall or Spring registration by the deadlines published in the university’s academic calendar, available through the Office of the Registrar, and here.

Course Repeats
Selected courses—usually those dealing with the development of a skill rather than with the assimilation of information—may be repeated for credit. All other classes may not be repeated for credit but may be repeated for purposes of raising the grade. In such cases, both grades are entered on the transcript but only the higher grade is used in computation of the cumulative grade point average (GPA).

Dean’s List
A full-time student whose semester grade point average (GPA) is 3.80 or higher is recognized as an outstanding student and is placed on the Dean’s List. A full-time student whose semester GPA is between 3.50 and 3.79 is recognized for Academic Commendation. Students must carry a minimum of 12 units to be considered for recognition.

Grading System
Concordia University computes the GPA on a 4-point scale (see below). Specific grading requirements for each course will vary greatly and the letter grades cannot be defined here other than in a general manner.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>Excellent</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>Good</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
<td>Barely Passing</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>
D- 0.7 grade points
0.0 grade points Failure

Au Audit
Assigned for classes attended for no credit and for the purpose of gaining information without the requirement of tests or papers.

I Incomplete Default grade: C, D, or F
Assigned when a student, with the consent of the instructor, postpones the submission of certain work because of extenuating circumstances. Incompletes must be removed within seven weeks from the beginning of the next semester (excluding summer sessions) unless an extension is granted by the instructor with an approval from the dean. Incompletes incurred during summer sessions must be removed within seven weeks from the beginning of the Fall semester with the same stipulation. Incompletes will be calculated for academic standing using the default grade. Students with incomplete grades are subject to academic probation and academic dismissal based on the default grade. Failure to remove an incomplete will result in the automatic change to the alternate grade given at the same time as the incomplete.

IP In Progress
Assigned when an educational experience (e.g., student teaching, practicum, internship, etc.) is designed to extend beyond a single grading period. Students have one calendar year to complete the requirements for the course. The calendar year begins on the first day of the semester the student enrolled in the course. The “IP” grade will default to the grade of “F” after the one year period.

P Passing
Assigned when a course is graded on a Pass/Fail basis as opposed to a letter grade (A through D-). Since no grade points may be assigned for a “P” grade, the course will not affect the GPA but will be counted for credit. Only specific courses may be graded using this option (i.e., TVIC 501-508, CEd 490, Thl 390, Edu 400, all labs, etc.). A complete list of these courses may be obtained from the Office of the Registrar.

W Withdrawal
Withdrawal is assigned when a student officially withdraws from a class after census date and through week 11. NOTE: Students are not permitted to withdraw from classes after week 11.

It is the student’s responsibility to bring any error in grades to the attention of the instructor within one semester following the issued grade. Grade changes are made only because of computation or recording errors and must be corrected no later than the last day of classes of the next full semester. Submission of extra work after a semester is completed will be permitted only when a grade of “Incomplete” was assigned for the specific course.

Honors at Graduation
The following honors are awarded to qualified recipients of the bachelor’s degree at the commencement ceremonies. These honors are determined on the basis of the cumulative grade point average (GPA) of all coursework taken at Concordia University and at all other colleges and universities attended.

Honors recognition for graduation ceremonies is based on GPA and credits completed through the previous semester, but the student’s permanent record will designate honors including the final semester’s GPA.

Cum laude (with distinction): Awarded to students whose cumulative GPA is between 3.70 and 3.799.
Magna cum laude (with high distinction): Awarded to students whose cumulative GPA is between 3.80 and 3.899.
Summa cum laude (with highest distinction): Awarded to the students whose cumulative GPA is 3.90 or above.
Honors Program
Director, Dr. Scott Ashmon

The university offers a general education and electives Honors Program for students meeting the honors admission requirements. Admission to the program for freshmen is offered upon acceptance to the university based on standardized test scores in combination with the high school GPA. Admission to the program for other students or transfer students may be granted by petition to the honors program director and with appropriate faculty recommendations.

The Honors Program makes available a variety of courses and activities that enhance learning and challenge highly motivated students. Each semester sections of the general education curriculum, both required and elective courses, are identified in the schedule with honors credit with some restricted to honors students only. Honors sections provide depth as well as breadth in an academic area, thus challenging and motivating Concordia’s best student scholars. Honors courses employ primary-source readings, a seminar or other format, collaborative activities, field trips, alternative assessment techniques, and/or an integrative approach to topics. Typically, honors students enjoy smaller class sizes to enhance learning.

Focused research and writing activities can earn honors credit. Examples include the President’s Academic Showcase for Undergraduate Research (with approval of the division/department chair and honors program director or respective dean) or approved study abroad or supervised study courses. Such honors endeavors provide close mentoring by professors and individualized, directed learning. To remain an honors student in good standing, students must maintain a cumulative GPA of 3.5 or higher.

Students in good standing who complete the requisite number of honors courses (which may include the program’s honors credit for a successful year of a new-to-you language) receive recognition at graduation as Honors Associate or Honors Scholar. Honors Associates will successfully complete four to six honors courses; Honors Scholars will successfully complete seven or more courses. Participation in the academic showcase competition at least once during their undergraduate career is highly recommended for students wishing to graduate as Honors Associates or Scholars.

Individualized Study
Students may apply for individualized study when a required course or honors course is not offered at an appropriate time. There are two categories of individualized study:

- **SUPERVISED STUDY** - a course in the General Catalog that is not offered at the time a student needs to take it.
- **HONORS COURSE** - a special academic experience not offered as a regular class.

All additional fees for these courses are determined by the dean of the school.

No more than two courses of individualized study may be taken during the same semester. These units will be counted as part of a student’s course load and will be subject to course overload fees if the course load exceeds 18 units. No more than five courses or 20 units of individualized study may be counted toward graduation. Application forms and additional information may be obtained in the Office of the Registrar or from academic advising. Individualized study courses follow the same add/drop deadlines as other courses.

Special Requirements for Majors, Minors, and Emphases
Students may complete a major, minor, or emphasis by completing the required units. The following rules apply with regard to major/minor relationships and multiple majors and emphases.

1. Each major must contain a minimum of 28 units unique to that major.
2. Each minor may contain no more than 50% of its units that are included in the student’s major or in another minor.
3. To obtain more than one emphasis in any given major, each emphasis must have a minimum of nine units unique to that emphasis.

**Right to Petition**

Students may petition for the review of certain university academic policies when unusual circumstances exist. After action has been taken on the petition, the student will be notified of the decision. A copy of the action will be placed in the student’s permanent file. Petition forms and additional information may be obtained in the Office of the Registrar. The missing of deadlines is not subject to petition.

**Second Degrees**

Students who have graduated from other institutions may earn a bachelor’s degree from Concordia University if they fulfill the following requirements:

1. They complete a minimum of 32 units in residence at Concordia University.
2. They complete all Concordia University general education graduation requirements.
3. They complete all the courses for a major, including a minimum of 50% of the major units in residence.

Students who have received a bachelor’s degree from Concordia University and return to complete the requirements for another major will not be given a second diploma, nor will their transcripts reflect a second degree. They will, however, be certified as having completed an additional major.

**Simultaneous Enrollment**

Students who wish to broaden their educational experience may enroll for one or two semesters at another Concordia University System (CUS) institution in another part of the country. The Simultaneous Enrollment Program (SEP) is made possible through a process by which students may enroll at Concordia Irvine and at another college or university in the CUS. Academic credits earned at another CUS institution are recorded as if students earned those credits at Concordia University Irvine. Because the number of participants is limited each year, interested students are encouraged to contact an academic advisor well in advance of their intended stay.

**Statement of Completion**

Students who will graduate with more than 128 units and will continue on into Concordia University’s teaching credential or Master of Arts in Business Administration (MBA) programs may be eligible to count a portion of their final semester’s units in their undergraduate degree toward their credential or MBA degree through a Statement of Completion. Only eligible credential/MBA courses will be counted, and at least six units must still be used toward the undergraduate degree. Application forms and additional information may be obtained from academic advising or the Office of the Registrar.

**Student Classification**

For various purposes on campus (i.e., registration, financial aid) students are classified into levels based on completed semester units. The following levels are applicable to bachelor degree students:

- **Freshman** 0—29.99 units
- **Sophomore** 30—59.99 units
- **Junior** 60—89.99 units
- **Senior** 90 units and above

**Student Rights and Privacy**

Each student of Concordia University has a right to
1. review their official educational records, files, documents, and other materials which contain information directly related to them, and
2. challenge such records that are inaccurate, misleading or otherwise inappropriate.

It is the policy of the university that unless excluded by state or federal law, no record, files, documents, materials, or personally identifiable information contained therein shall be released to any individual, agency, or organization without the express written consent of the student/alumnus.

Any student desiring to review or challenge their official educational records should contact the Office of the Registrar to determine procedures for such review. Any student desiring to challenge the content of their official educational records should contact the Office of the Registrar.

While the university does not provide general directory services, it may, by law under special circumstances, release the following information about a student: name, address, telephone number, date and place of birth, major field of study, class schedule, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degree and awards received, and the most recent previous public or private school of attendance. Any student who does not wish such information to be released about their participation or status should notify the Office of the Registrar in writing, at the beginning of each semester. The university is required to comply with all federal regulations governed by the Family Educational Right and Privacy Act (FERPA).

Study Abroad
Office of Global Programs
VP, Dean of International and Cultural Relations, Dr. Cheryl Williams
Executive Director, Global Programs, Dr. Dan Waite
Director, Global Programs, Ms. Faith McKinney

Concordia University offers a variety of global locations that allow the acquisition of real-world skills to be a vibrant reality. Please refer to the Global Programs website (cui.edu/global). Curricula will prepare students to work and live in a truly globalized world, where no question is limited to a local setting.

Besides giving students the enviable opportunity to engage in a different society and culture, Concordia study abroad offers students access to new ideas and experiences that enhance their critical thinking and analytical skills and guides students in finding their own place in the world. While living and learning at one of our global locations, students will participate in activities that help them to explore the city, country, and region from an insider’s perspective.

We are proud to offer academically rigorous and personally enriching educational experiences to all Concordia students. Students are allowed up to two semesters abroad. Using federal and state aid for all programs and Concordia aid for some programs.

Academic Intensive English Program (AIEP)
Director, Dr. David Rath

Concordia University's Academic Intensive English Program (AIEP) is an accredited, academically-focused English language proficiency program where students are accepted at all levels. Emphasis is placed on the development of oral and written language skills necessary for academic studies and professional communication. This program will accelerate the student's acquisition of English and fluency by providing them with strategies for cultural competence as well as success in one of the many majors and degrees offered at Concordia.
In the AIEP program students are a part of an international family with unique world-class learning opportunities. AIEP students are not separated, but integrated into the life of the campus where they will learn and use English skills like never before. From interacting with their American roommate in the Global Village residence hall to becoming a member of the Global Citizens Club, students will have opportunities to practice English inside and outside the classroom and receive one-on-one attention from professors with advanced degrees and fluency in multiple languages. For more information, contact the Office of Global Programs or internationaladmissions@cui.edu.

**Transcripts of Record**

Students may obtain an official transcript of their academic record by filing a written request with the Office of the Registrar. A fee, paid in advance, is charged for transcripts. Ten working days should be allowed for processing and mailing of the transcript. Official transcripts will not be released until all fees have been paid. Transcripts from other academic institutions are the property of Concordia University and, as such, are under the control of the Office of the Registrar. Under federal policy, students have the right to view the documents in their file; the university will not make copies of these documents. Transcripts submitted to Concordia University for admission or credit transfer become the property of Concordia University and will not be returned to students or forwarded to other institutions.

**Transfer Credit**

Concordia University will accept transfer units completed at undergraduate, degree granting, US institutions fully accredited by one of the regional accrediting bodies. CUI will also accept units from international institutions that are formally recognized by their country’s ministry of education (requires transcript evaluation by a CUI-approved agency).

Only grades of C- or better may be transferred; only transfer grades of C or better may be applied to major, minor, or program requirements with 96 semester units being the maximum number allowed for transfer. Within the 96 units, a maximum of 70 semester units may be transferred from a regionally accredited community college. Additionally, within the 96 and 70 semester units, only 32 non-accredited, credit by exam (AP, CLEP, DSST), and/or military units may be transferred.

**Withdrawal from School**

Undergraduate students who will no longer continue their enrollment at Concordia University must formally withdraw from the university. Withdrawal from all courses may take place through the last day of the semester. Non-attendance does not constitute withdrawal from classes and will result in grades of “F.” Contact the bursar’s office to learn about the refund policy and financial aid regarding eligibility after withdrawal. Withdrawal forms are available in the Office of the Registrar. Students who return to the university after withdrawing, regardless of the reason, must be readmitted by the admissions department before they will be allowed to register for classes.
Tuition 2015—2016

No other source shall be used to quote university tuition or fees

BACHELOR’S DEGREE PROGRAMS

Tuition
- Deposit (required) $500
- Academic Intensive English Program (AIEP) $295/unit
- Applied Music Tuition $570/unit
- Audit Tuition $400/unit
- Full-time Tuition $15,520/semester
- May Intensive-Term Courses $380/unit
- Part-time Tuition $210/unit $930/unit
- Study Tour Courses $385/unit $385/unit
- Summer Online Tuition $210/unit

Fees
- Application Fee (non-refundable) $50 $50
- Graduation Fee $145
- International Application Processing Fee (non-refundable) $150
- Student Services Fee $325/semester

HOUSING
- Reservation Fee (returning, traditional, undergraduates) $300 (non-refundable)
- Dormitory
  - Quads (Fall/Spring ONLY) $2,850/semester
  - Sigma/Rho (Fall/Spring ONLY) $2,650/semester
  - Summer
    - Non-student employee $230/week
    - Students staying on campus during times that do not fall within Fall and/or Spring semesters will have to pay $30/night.

MEAL PLAN
- Fall/Spring
  - 5/week $1,225/semester
  - 10/week $1,870/semester
  - 14/week $2,030/semester
  - 19/week $2,095/semester
- Summer
  - 75 meals $800
  - 100 meals $880
  - 125 meals $930

ADULT DEGREE PROGRAMS
- Associate of Arts Degree $310/unit $310/unit
- Bachelor’s Degree $520/unit $520/unit
- MA in Healthcare Administration $600/unit

GRADUATE, FIFTH (5TH) YEAR, AND CREDENTIAL PROGRAMS
- CHRIST COLLEGE
  - Director of Christian Education (DCE)
    - Internship Fee
- Stateside (flat rate) $6,100
- International (flat rate) $9,200

- MA Theology $620/unit $620/unit
  - Cross-Cultural Ministry Center $620/unit $620/unit
  - KINDLE articulation fee $60/unit $60/unit

- SCHOOL OF ARTS AND SCIENCES
  - MA Coaching and Athletic Administration $495/unit $495/unit

- SCHOOL OF BUSINESS
  - Masters of Business Administration $820/unit $820/unit

- SCHOOL OF EDUCATION
  - Credential
    - Single/Multiple Subject/EdSP $560/unit $560/unit
    - Master of Education (MEd) $560/unit $560/unit
    - MA Edu (MAEd) Online $495/unit $495/unit
    - MA Edu (MAEd) Regional Cohorts $1,485/class $1,485/class
  - Student Teaching Fee
    - TPA Practicum-SB 2042 Program $230
    - SB 2042 Program $335
  - Doctor of Education (EdD) $890 $890
  - Student Service Fee $200/semester

- SCHOOL OF PROFESSIONAL STUDIES
  - MA International Studies (MAIS): China
    - Tuition $635/unit $635/unit
    - Virtual Private Network (VPN) Fee $150
    - China Activity Fee $150 $150/semester
    - Summer Housing $985
    - 75-meal plan $540
    - On-campus health insurance $216
    - International Development concentration $500/semester
  - MA International Studies (MAIS): Africa
    - Tuition $635/unit $635/unit
    - Africa Activity Fee $150 $150/semester
    - Housing (Fall semester) $2850/semester
    - Housing (January-June w/ 2 meals/day)* $1800/semester $3800/semester
      * Preliminary estimate; subject to change
    - Meal Plan (see undergraduate meal plan)
    - On-campus health insurance $216

NURSING PROGRAMS
- Tuition
  - Accelerated 2nd Degree BSN (ABSN) $715/unit $715/unit
  - MS Nursing (MSN) $600/unit $600/unit
  - RN to BSN $490/unit $490/unit
- Fees
  - Assessment Technologies Institute Fee $905
  - Health Assessment Fee $100/Yr
  - Skills Lab Fees $400/Yr
  - Student Service Fee (ABSN only) $110/semester $110/semester
  - Student Service Fee (RN to BSN only) $25/semester $25/semester
PAYMENT OF TUITION AND FEES. All tuition and fees are due and payable as stated on the bill for each semester. Tuition due dates are published online at www.cui.edu/bursar. Tuition and fees may be paid at the Bursar’s Office located on the first floor of Grimm Hall North (Rooms 103/104), online at www.cui.edu/onlinepayments, or by setting up a payment plan at www.cui.edu/paymentplans. Failure to pay fees by the established deadlines will result in a financial hold (bursar), late fees, and may cause the student to be dropped from ALL classes.

BURSAR HOLDS ON UNPAID BALANCES AND REGISTRATION. A student who is past due in any debt to the university will have a bursar hold on their student account. The student is not permitted to register in any school or college of the university until the hold is released. A bursar hold precludes students from receiving university services including registration, dropping or adding classes, grades, transcript requests, diploma, and/or graduation.

No transcripts, official or unofficial, will be issued for a student who has an outstanding student account balance. Transcripts and diplomas will be released when the account is paid in full.

Upon withdrawal from the university, accounts with outstanding balances will be transferred to the bursar’s office for collection. Failure to pay past-due balances will result in the account being turned over to a collection agency. When the university is forced to turn the account for collection, the student shall be responsible for all additional costs of collection including attorney fees and costs. In the event of court action to enforce this agreement, the student shall be responsible for paying all court costs and fees, including attorney costs and fees.

Financial Aid

Financial Aid Available

Obtaining a quality education today represents not only an investment of time and energy, but a substantial financial commitment as well. While the responsibility for financing university costs belongs to students and their families, the university will assist in meeting this financial obligation. Concordia University helps its students discover every possible source of aid. Every effort is made to identify the student’s needs and to create a financial aid package to meet those needs.

Concordia University participates in many excellent programs of financial aid to college students which have been developed nationally, within the state of California and within the church. Included in the various sources of aid are:
- Cal Grant A and B
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (SEOG)
- Federal Direct Stafford Student Loan
- Federal Direct Parent PLUS Loan for Undergraduate Students
- Federal Direct Grad PLUS Loan for Graduate Students
- Federal College Work Study
- Veterans Benefits
- LCMS District Grants
- Assumption Program of Loans for Education (APLE)

Concordia University Awards, Grants and Aid

- Presidential Honors Scholarship
- Regents Academic Scholarship
- Provost’s Academic Scholarship
- Dean’s Academic Scholarship
- Phi Theta Kappa Academic Scholarship
- Christ College Grant
- Lutheran Student Award
• First Generation Grant
• Friends of Concordia Grant
• Athletics Award
• Forensics Award
• Music Award
• Theatre Award

How to Apply for Financial Aid
To apply and be considered for federal, state or institutional aid programs, the following documents must be completed. For academic scholarship, the Admission Office will determine your academic award at the time of acceptance and the Financial Aid Office will automatically award it to you.

• Free Application for Federal Student Aid (FAFSA): FAFSA is available on the Web at www.fafsa.ed.gov. All students applying for need based aid (including federal and state aid) MUST complete a FAFSA. The FAFSA must be received by the federal processor on or before March 2 (received, not postmarked). Concordia University’s federal school code is 013885.

• California Grant Program: California residents only must request their high school counselor to submit their GPA Verification Form, postmarked by March 2. Transfer students should request/submit this form to their last attended college.

• Student Aid Report (SAR): All FAFSA applicants will receive a Student Aid Report (SAR) summarizing the information reported on the FAFSA along with the calculated expected family contribution (EFC) toward educational costs. Check all the SAR information for accuracy. Make sure Concordia University is listed on the SAR. Make necessary corrections on the web.

• Institutional Forms: Students must complete and return applicable scholarship and activity award applications to the department or professor as indicated on the form (please refer to the checklist for listed forms).

Verification: The federal government randomly selects students to verify reported FAFSA information. The selected student will be required to submit the Verification Worksheet (provided by the Office of Financial Aid) and completed and signed federal tax returns (first and second) from parents and/or student.

Awarding of Financial Aid
Financial aid is awarded to eligible applicants after the following requirements have been fulfilled:
1. Acceptance for admission or readmission to Concordia University.
2. Completion of all application procedures including FAFSA.
3. Submission of all supporting or requested documents to the Financial Aid Office.

Once all the above requirements have been met, the university will begin to make financial aid offers to eligible students in the order that files are completed.

Applicants can avoid delay in receiving financial aid offers by filing all necessary forms by deadline dates and by applying early for admission to Concordia University.

All financial aid is awarded on a year-to-year basis and is dependent upon sufficient funding. Therefore, it is advisable to apply early and adhere to deadline dates. Awards are made on a first-come, first-served basis to all eligible applicants as funds are available.

Students must complete their financial aid files by March 2 in order to receive maximum institutional aid to which they are entitled the following academic year. Returning students who complete their financial aid file after June 1 will receive $1000 less in institutional aid. Returning students who complete their financial aid files after July 31 will receive
fifty percent (50%) less in institutional aid. **For all students:** FAFSA’s received after August 31 will not be eligible for any need-based institutional aid.

**Financial Aid Satisfactory Academic Progress (SAP)**

Federal regulations require all schools participating in Title IV financial aid programs to have a Satisfactory Academic Progress (SAP) policy. Title IV financial aid programs include: Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Federal Direct Subsidized Stafford Loan, Federal Direct Unsubsidized Stafford Loan, Federal Direct PLUS Loans, and Work-Study. The requirements of this policy apply to all students receiving federal and state aid, and institutional aid per university policy.

**Minimum Standards**

To remain eligible for federal grants, loans, and work-study, students must meet the standards indicated below at the end of each semester. Please note the standards to establish and maintain eligibility for Title IV assistance are more stringent than the university’s academic standards for continuous enrollment. At the end of each term of enrollment, students must earn the minimum cumulative GPA (grade point average), minimum number of credit hours, and be within the maximum timeframe. Failure to meet the minimum cumulative standards may result in a loss of financial aid eligibility.

- **Qualitative Measure of Progress**
  The qualitative requirement sets a minimum cumulative GPA for the degree level at which a student is classified. Note: This is the GPA used to determine one’s status and includes grades from courses taken at all other schools that are accepted by Concordia. To remain in compliance, a student must maintain the following cumulative GPA after each period of assessment:
  - Minimum cumulative GPA for undergraduate students is 2.0
  - Undergraduate academic scholarship requires a cumulative GPA 2.5
  - Undergraduate Presidential Honor’s Scholarship requires a cumulative GPA 3.7
  - Minimum cumulative GPA for graduate students is 3.0
  - Minimum cumulative GPA for graduate MAED students is 3.25

- **Quantitative Measure of Progress**
  The quantitative requirement contains two components, (1) Pace of Progression and (2) Maximum Timeframe.
  - (1) Pace of Progression/Completion Rate
    The credit hour completion rate reflects the pace at which students must progress to ensure that they are able to complete their degree program within the maximum timeframe. The pace of progression is calculated by dividing the cumulative number of hours the student has successfully earned by the cumulative number of hours the student has attempted. All students regardless of classification must earn sixty-seven percent (67%) of all hours attempted. This is a cumulative calculation and includes credits attempted at all schools before and while attending Concordia.
  - (2) Maximum Timeframe
    The maximum timeframe for undergraduate students to complete their degree cannot exceed one hundred fifty percent (150%) of the published length of the academic program. Hours are counted starting with the semester the student entered school, even those semesters in which they did not receive financial aid. The maximum timeframes are listed below:
    - Bachelor’s Degree: 180 attempted hours
    - Master’s Degree: attempted hours required for program

**Hours Attempted**

Hours attempted include all hours pursued in the student’s career and are counted in the maximum timeframe whether or not financial aid was received. Attempted hours also include the following: withdrawals, incompletes, failing grades, repeated coursework, and transfer credits accepted by the university.
Financial Aid Warning
Students who do not meet the SAP standards will be placed on Financial Aid WARNING. While on WARNING status, students will continue to receive financial aid. All students who are notified of their WARNING status should seek academic counseling and take advantage of all other student services available to ensure student success at Concordia University.

Financial Aid Termination
Students who do not meet the SAP standards for more than one (1) term will be PROHIBITED from receiving all financial aid. Being on PROBATION status does not prohibit a student from continuing their education. Students who have lost their financial aid eligibility may be reinstated once they demonstrate satisfactory academic progress.

Appeal Standards
Only appeals for the following reasons will be accepted:
• A death of an immediate family member of the student.
• Medical/hospitalization of the student.
• Mitigating circumstances beyond the student’s control that affected their academic progress.

Appeal Process
All appeals must be submitted in writing, and include the financial aid Satisfactory Academic Progress (SAP) appeal form, with supporting documentation attached, to the financial aid office. Acceptable documentation for each circumstance must be stated in the appeal letter and supporting documentation must be attached, such as medical records, death certificates, and any documentation that supports the student’s mitigating circumstances. The director of financial aid will approve or deny appeals as they are submitted. Results of an appeal will be sent to the student in writing. Any student whose appeal is denied by the director of financial aid has the right to appeal to the Financial Aid Committee. The Financial Aid Committee will use the same criteria in rendering its decision.

Appeal Decision
If a student’s appeal is approved, the student will be placed on PROBATION. A student on PROBATION will continue to be eligible for financial aid on a semester by semester basis provided they meet the required terms and conditions as indicated in the student’s approval. Failure to meet these requirements on a term by term basis will result in TERMINATION of financial aid.

If a student’s appeal is denied, the student must meet SAP standards before any further financial aid may be awarded as long as the student hasn’t reached the maximum units.

Reinstatement of Financial Aid
To reinstate financial aid a student must have an approved Financial Aid Appeal or must meet the financial aid satisfactory academic progress cumulative qualitative, quantitative, and maximum timeframe standards. Neither paying for classes out of pocket, nor sitting out a period of time is sufficient, in and of itself, to re-establish a student’s financial aid eligibility.

Treatment of Grades (Grading System)
• Courses for which a student receives a letter grade of A, B, C, D, P or CR are included in the calculation of cumulative credit completion percentage as courses successfully completed.
• Courses for which a student receives a letter grade of IP, I, N, NP, IF, or F will be treated as credits attempted but not successfully completed.

Withdrawals
Credits for which a grade of “W” is received are considered attempted credits but not successfully completed credits. A
grade of “W” does not impact GPA but does negatively impact the cumulative completion percentage and counts toward the maximum time frame.

**Repeated Coursework**
Students are allowed to repeat a course as often as allowed by the academic policies of the university. Students are allowed to repeat a previously passed course and have it count toward enrollment for financial aid eligibility only once. However, all repeats count against the maximum timeframe (total attempted credits) and reduce the pace/completion rate because they count as earned credits only once.

**Transfer Credits**
Transfer credits accepted by the institution and applied toward a student’s degree, diploma, or certificate requirements to graduate will apply toward the maximum time frame calculation. If, at the point of admission, a transfer student’s prior academic record does not meet the university’s minimum cumulative qualitative or quantitative SAP standards, the university may immediately place the student in a probation status for financial aid eligibility.

**Consortium Credits**
Credits for which financial aid is received under a consortium agreement will be included in the calculation of cumulative GPA, completion percentage, and maximum time frame.

**Audited Courses**
Audited courses will not be funded by financial aid and are not included in any financial aid satisfactory academic progress measurements.

**Return of Title IV Federal Financial Aid Policy**
This policy is in effect as a result of the Higher Education Amendments of 1998 (HEA 98). The Federal Title IV programs covered under this policy include Federal Pell Grant, SEOG, Federal Direct Stafford Loan and Federal Direct Plus and Grad Plus Loans. A student withdrawing from Concordia University during a semester must file an Official Withdrawal Form with the Office of the Registrar. If a student is not able to visit the office, he/she may contact a staff person in the Office of the Registrar regarding the withdrawal date. The student’s official withdrawal date will be determined by the university as: 1) the date the student began the university’s withdrawal process; 2) the midpoint of the semester, if the student withdraws without notifying the university; or 3) the student’s last date of attendance at an academically related activity, as documented by the university.

If the student begins the withdrawal process and then later decides to continue attendance at Concordia University, the student must indicate this in writing to the Office of the Registrar and indicate that his/her intention is to complete the semester.

If the student withdraws during a semester, the portion of the federal grants and loans a student is entitled to receive is calculated on a percentage basis by comparing the total number of days in the semester to the number of days that the student completed before he/she withdrew. If the percentage earned is 60% or greater, the student is considered to have earned one hundred percent (100%) of eligibility. This policy does not affect the student’s charges. The university’s withdrawal policy will be used to determine the reduction, if any, in the student’s tuition, room and board charges. If it is determined that a portion of the financial aid received on the student’s behalf is unearned, the university shares with the student the responsibility of returning those funds. Any grants and loans that a student is required to return to the federal programs are considered an overpayment. The student must either repay the amount in full or make satisfactory payment arrangements with the Department of Education to repay the amount. **If the student fails to repay or make arrangements to repay an overpayment, the student will lose his/her eligibility to receive future federal financial aid at any institution.**
Office of the Bursar

Payment of Tuition and Fees
All tuition and fees are due and payable as stated on the bill for each semester. Tuition due dates are published online at www.cui.edu/bursar. Tuition and fees may be paid at the Bursar’s Office located on the first floor of Grimm Hall North (Rooms 103/104), online at www.cui.edu/onlinepayments, or by setting up a payment plan at www.cui.edu/paymentplans. Failure to pay fees by the established deadlines will result in a financial hold (bursar), late fees, and may cause the student to be dropped from ALL classes.

Bursar Holds on Unpaid Balances and Registration
A student who is past due in any debt to the university will have a bursar hold on their student account. The student is not permitted to register in any school or college of the university until the hold is released. A bursar hold precludes students from receiving university services including registration, dropping or adding classes, grades, transcript requests, diploma, and/or graduation.

No transcripts, official or unofficial, will be issued for a student who has an outstanding student account balance. Transcripts and diplomas will be released when the account is paid in full.

Upon withdrawal from the university, accounts with outstanding balances will be transferred to the bursar’s office for collection. Failure to pay past-due balances will result in the account being turned over to a collection agency. When the university is forced to turn the account for collection, the student shall be responsible for all additional costs of collection including attorney fees and costs. In the event of court action to enforce this agreement, the student shall be responsible for paying all court costs and fees, including attorney costs and fees.

Refund Policy
Cancellation of Enrollment
A student may terminate enrollment prior to the beginning of the semester by contacting their academic counselor or the registrar’s office at registrar@cui.edu.

Students should not assume that the university will drop them for non-payment of fees or for non-attendance. In addition, students must drop/withdraw from classes by the published deadlines to avoid charges or to be eligible for a full or pro-rated refund.

Instructional Materials
Information about refund and book buy-back policies is available in Founders Bookstore.

Refund After Classes Begin
Students who withdraw from school after classes begin may apply in the bursar’s office for refunds (i.e., tuition, room, board). The student is responsible to pay any outstanding charges to the university. Please visit www.cui.edu/bursar for more information about the university’s refund policy.

Title IV Federal Funds: Tuition, Fees, Room and Board.
A. Tuition and Fees
   Through Title IV, the university takes the responsibility, on behalf of the student, to credit the student’s account with federal funds to satisfy current charges for tuition and fees.
B. Room and Board
   Through Title IV, excess federal funds creating a credit balance after tuition and fees are paid in full can be used to pay for room and board charges.
Note: The student becomes immediately responsible for the entire outstanding balance on his/her account that is not covered by financial assistance.

The Federal Title IV refund policy operates independently of Concordia University’s refund policy. A student who has received Title IV funds and withdraws from school may owe the university for expenses no longer covered by returned federal aid.

Any excess funds from disbursements of Title IV funds create a credit balance on the student’s account. The university must pay this final credit balance directly to the student or parent borrower as soon as possible, but no later than 14 days after one of the following, as agreed to on the Budgetary Agreement form:

1. the beginning of the semester.
2. after loan disbursement causing a credit balance.
3. the date the school received notice from the student or parent borrower to cancel his/her authorization on a Budgetary Agreement form to have the school manage a credit balance.

Return of Title IV Federal Financial Aid Policy

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Student Life

Spiritual Life
Recognizing that worship life is an integral part of the student’s total growth, Concordia University facilitates structured worship services, devotions and Bible studies in residence halls.

Under the auspices and with the support of area Lutheran Church–Missouri Synod (LCMS) churches, Concordia has established a campus ministry to care for the spiritual needs of students and to offer them fellowship with other Christians. Whether or not students already hold membership in a church they are encouraged to become active in this ministry, called abbey west.

The campus pastor is available for spiritual counseling.

Student Activities and Leadership Development
Concordia University offers rich opportunities for student involvement. The Center for Student Leadership and Development (CSLD) is the home to several leadership and co-curricular programs that include the Associated Students of Concordia University Irvine (ASCUI), Leadership Education and Development (LEAD), resident assistants (RAs), student senate, clubs and organization, peer advising and first-year experience programs and initiatives.

Academic Support Services

Academic Advising
The academic advising staff assists students in planning their degree program by developing an individualized graduation plan. Staff and/or faculty advisors are available to meet with students each semester for course selection, sequencing, online enrollment and referral to campus resources.

Career Development Services
Career Services offers a variety of assessment instruments, research techniques and occupation information to assist students with academic major, career and graduate school decisions as well as internships and job search strategies. In addition, students are encouraged to attend various occupational seminars, skill workshops and the annual Career Fair.

International Student Services
The Office of Global Programs works with other units on campus to assist international students in their transition into the university and local communities. Programs and events through this office and abbey west campus ministry are offered to help students get involved, meet other students and share their culture with our campus community as well.

Office of Equity and Inclusion
Concordia University is committed to equal educational opportunity for all students. Inclusion and diversity are valued priorities of the university. The Disability and Learning Resource Center is the office charged with advancing the vision of full inclusion. We work to achieve welcoming, equitable campus environments through the provision of reasonable accommodations, consultation, collaboration, and system change. The DLRC is the resource center for students, as well as faculty and staff. We provide a variety of services aimed at supporting students in their social and academic experiences here at Concordia University.

Academic Appeals Re-Admit and Academic Probation
The DLRC assists students who are on Academic Probation (earned a semester GPA below 2.0) and students that have been granted Academic Appeal Re-Admit status by the appeal board (GPA of less than 1.0 in a semester is dismissed immediately, but allowed one academic appeal).
Close Advisement (Int 098) and Commitment to Success (Int 099)
The DLRC provides a specialized program for students showing evidence of motivation and ability to be successful in college, but have not met the required academic admission standards. A limited number of students are admitted each year to Concordia University under this program and are enrolled in College Skills.

Documented Disabilities
The DLRC is committed to ensuring equal access to students with disabilities, offering students reasonable accommodations in accordance with federal guidelines. Disabilities include, but are not limited to, orthopedic, visual, hearing, learning, chronic health, and psychological disabilities. To qualify for services students must provide verifiable documentation by a licensed professional completed within the last three years. Students must register with the DLRC each semester to continue receiving these services. The DLRC serves as a resource for the entire university community and supports students with disabilities so that they may maximize their educational potential and can freely and actively participate in all facets of university life.

Residential Education Services
Dining Services
The university contracts with Bon Appétit Management Company to provide food services on campus. Bon Appétit will cooperate with students who, for medical reasons, require special diets. The meal plan is regarded as a very important aspect of the university’s social and intellectual life. It is here that informal interchange between cultures and ideas takes place. Therefore, the university requires that all freshman students living in residence halls subscribe to at least a 14 meal plan which provides two meals each day, seven days a week. All students living in residence halls are required to participate in a meal plan. Contact University Services for more information.

Residence Halls
Because Concordia University is concerned about the total welfare of its students, it seeks to ensure that full-time students have housing accommodations which promote academic, social, and spiritual growth. Students 21 years old or younger who do not live with their parents or close relative(s) are required to live on campus.

Students living on campus will be assigned to a two bedroom apartment that will accommodate four students. Please be aware that private bedrooms are not available in any of Concordia’s residence halls. Residence halls are under the direction of the Associate Dean of Students, Residential Education and Services.

Occupants of the residence halls are responsible for rooms and equipment supplied by the university. Students must maintain full-time status while living in university housing.

Wellness Center
The Wellness Center is dedicated to providing high-quality medical and psychological care to our students in a private, confidential, and safe setting. The staff is committed to the wellness of our students.

Counseling Services
The Wellness Center provides on-campus psychological counseling through individual therapy and crisis counseling. Counseling services are confidential. Referrals are available for off-campus groups and other psychiatric services as needed.

Health Services
Primary health care is available for full-time undergraduate students on campus. Students must provide a completed Undergraduate Health Form which includes a health history, physical examination, immunizations, and TB (tuberculosis) clearance by July 1 for the Fall semester and by December 1 for the Spring semester in order to obtain final clearance and receive services. Go to www.cui.edu/studentlife/wellness-center for more information. Services include:
• **Assessment and Treatment of Injuries and Illnesses**
The Nurse Practitioners, utilizing policies and procedures developed collaboratively by a consulting physician and the administration, will see students for assessment of illness and injury. Treatment is provided for common health conditions. Referrals are made to community resources as necessary. All students are seen at the clinic no matter what health insurance they carry.

• **TB (Tuberculosis) Testing**
TB tests (PPD-Mantoux) are given on Monday, Tuesday, and Wednesday and read two (2) days later.

• **Immunizations**
Tdap, meningitis, and flu vaccines are available in the Wellness Center. All other vaccines may be ordered by the clinic for an individual student, as needed. A fee is assessed.

• **Nurse Practitioner consultation on health topics**
• **Referral to community resources as needed**

**Health Insurance**
All full-time undergraduate students and all international students are automatically enrolled in the University Health Insurance Plan. Students who wish to carry their own private insurance need to complete a declination waiver. For more information such as enrollment and deadlines for waiver, please visit [www.cui.edu/insurance](http://www.cui.edu/insurance).

**Vehicles and Parking Permits**
All vehicles driven on Concordia University property must be operated and/or parked in the appropriate parking spaces and in accordance with university regulations and the laws of the State of California. It is the student’s responsibility to adhere to these regulations. The university cannot assume liability for loss or damage by theft or accident involving automobiles or motorcycles, the owners of which are advised to provide adequate insurance protection. Persons operating bicycles on university property must also comply with university regulations and are encouraged to register their bicycle with the Office of Campus Safety.

All vehicles parked on university property must be registered with the Office of Campus Safety and display a valid parking permit. All vehicles not displaying a valid parking permit are subject to citation or tow. Parking permit applicants must show proof of vehicle liability insurance and possess a current driver’s license. Temporary parking permits are also available at the Office of Campus Safety. Visitor parking permits are available at the gatehouses.

Concordia does not permit resident freshmen to keep a vehicle on campus or apply for a parking permit. Resident freshmen may appeal to obtain a permit if they are able to provide proof of an extenuating circumstance that requires them to keep a vehicle. For more information about appeals or alternative transportation, please review the Office of Campus Safety’s website at [this page](#) or contact the Office of Campus Safety by email at [campussafety@cui.edu](mailto:campussafety@cui.edu).

**Student Identification Cards**
Concordia student identification (ID) cards are available at the Office of Campus Safety Office. Students will need to provide their student ID number (E-number) and show another form of picture ID. Concordia ID cards are required for meals, library access, printing services, and other services that require verification of identification. The Office of Campus Safety will not conduct key assists or provide parking permits to students who are unable to show a valid Concordia ID.

**Student Conduct and Personal Development**
The faculty and staff of Concordia University expect that all students will exhibit personal evidence of development in all aspects of their lives. Assistance in promoting such growth is provided through academic programs, co-curricular activities and individual consultation involving regular evaluation.
Students are expected to conduct themselves in a responsible manner in all aspects of their daily living. Students are present on campus by privilege accorded annually to those who contribute to the achievement of the objectives of the university and not by right. At the discretion of the administration, a student may be dismissed from school for serious misconduct. For further details on student conduct, student records and disciplinary matters, consult the Concordia University Student Handbook which can be obtained from the Office of the Dean of Students or www.cui.edu.

**Student Records**
Pursuant to federal law, all student records, including evaluations, transcripts, letters and descriptions of individual students are open to review by the student to whom they pertain. Student records are the property of the university. Should any student believe records maintained in the university file to be inaccurate or unjust, that student is entitled to prepare a disclaimer or a reply to that student’s record. One copy of such a disclaimer will be stapled to each copy of the student record.

Officers of the federal and state government and representatives of accreditation agencies may have legal access to these files, as well as Concordia University officials who are required to perform duties which necessitate having access to these files. No official is permitted to make any use of the information contained in personal files other than what is required by that official’s normal duties.

**Leave of Absence**
A leave of absence will be treated as a withdrawal. Students may request a leave of absence by requesting a withdrawal form from the Office of the Registrar and having it approved by the Office of Student Services. Students wishing to return to Concordia University after a leave of absence must go through the readmission process and should contact the Admission Office for an application.

**Placement Assistance**
Concordia University provides placement assistance to Lutheran Church—Missouri Synod (LCMS) church career candidates in conjunction with the Board for University Education in St. Louis, MO. Services include maintenance of a candidate information file (sometimes called a “placement” file) which is sent to calling bodies upon request of the calling body. While these services are often referred to as “placement” services, no guarantees are expressed nor implied that Concordia University will find employment for candidates, and Concordia University does not assume responsibility for finding such employment. All candidates are responsible for providing and submitting the necessary paperwork for their information file to the Placement Office (housed in Christ College) prior to deadlines set forth by that office.

Students from all other programs are assisted by Career Development Services.

**Concordia University Advancement**
The Advancement Office’s sole purpose is the support and promotion of Concordia University. To achieve this purpose, the Foundation establishes goals for the acquisition of individual, congregational, foundation, corporate, and deferred gifts to Concordia University. The foundation also oversees the marketing and communication outreach strategies.

**Friends of Concordia University Irvine**
The Friends of CUI, an auxiliary of the Office of Advancement, is organized for the support of the university by sponsoring various events and fund-raising projects.
Concordia University Irvine Alumni Association (CUIAA)
The alumni office serves all graduates of the university and is led by alumni volunteers and the Office of Alumni Relations. The CUIAA encourages and promotes alumni participation in the Concordia community through volunteer services and leadership in various events, activities, and programs across the nation that benefits the university and its students. The CUIAA communicates regularly with alumni, promotes alumni giving, and estate planning to support student scholarships.
Majors and Minors

Majors and minors are offered through the departments of Christ College and the Schools of Arts and Sciences, Business, Education, and Professional Studies.

NOTE: Completion of a major does not constitute completion of professional program requirements. See individual departments for specific program requirements.

Majors

Art
Athletic Training (Bachelor of Science)
Behavioral Sciences
Biblical Languages
Biology (Bachelor of Arts)
Biology (Bachelor of Science)
Business Administration
Chemistry
Christian Education Leadership
Communication Studies
Economics
English
Exercise and Sport Science (Bachelor of Arts)
Exercise and Sport Science (Bachelor of Science)
Graphic Design
Healthcare Management
History and Political Thought
Humanities and Fine Arts
International Studies
Liberal Studies (Elementary Education Students)
Mathematics
Music
Physics
Psychology
Theatre
Theology
Theological Studies

Minors

Accounting
American Studies
Anthropology
Art
Biblical Languages
Biblical Studies
Biology
Business
Chemistry
Christian Education Leadership
Classical Languages
Coaching
Communication
Creative Writing
Cross Cultural Studies
Early Childhood
Economics
English
Exercise Science
Global Cultural Studies
Graphic Design
History
Marketing
Mathematics
Missiology
Music
Musical Theatre
Philosophy
Physical Education
Political Thought
Psychology
Sociology
Spanish
Theatre
Theatre Design and Technical Production
Theology
Worship Arts Leadership
Youth Ministry

**Professional Programs**

Concordia University offers a variety of professional programs designed to prepare students for either full-time church or secular vocations. Each professional program is built upon an academic major and requires additional professional courses and experiences which serve to prepare students for entrance into a profession and/or for graduate education that will further serve to equip students for their chosen career.

General admission to the university does not constitute admission to a professional program. Students are not required to enter a professional program and may choose to graduate with a “Liberal Arts” designation. Until they apply to a program, all students are designated as liberal arts students. Students may apply to a professional program at any time and, if they meet entry standards, will be classified as “Conditional” or “Accepted” in that program, depending on their qualifications. Should students not be admitted to a program or not continue in a program for whatever reason, they are returned to the liberal arts status. The following professional programs are available.

**Christ College**

**Undergraduate Programs**

(LCMS Church Vocation Certification)

- Lutheran Teaching Ministry:
  - Elementary Education
  - Secondary Education
  - Special Education
- Director of Christian Education
• Director of Parish Music
• Pre-Deaconess Studies
• Pre-Seminary Studies

Graduate Programs
• Cross-Cultural Ministry Center (LCMS Pastoral Ministry Certification)
• Master of Arts in Theology:
  o Christian Education Leadership
  o Research
  o Theology and Culture
  o Youth Ministry

School of Arts and Sciences
Undergraduate Programs
• Actuarial Science
• Athletic Training
• Pre-Law
• Medical Science Professions:
  o Pre-Medical Science
  o Pre-Physical Therapy

Graduate Programs
• Master of Arts in Coaching and Athletic Administration

School of Business
Undergraduate Program
• Business Administration

Graduate Program
• Master of Arts in Business Administration

School of Education
Undergraduate Programs
• Elementary Education/Multiple Subject Credential
• Secondary Education/Single Subject Credential
• Special Education – Education Specialist: Mild-Moderate Credential

Post-baccalaureate Programs
• Teacher Credential Program:
  o Multiple Subject; Single Subject; Special Education
  o Master of Education (M.Ed.)
• Master of Arts in Education:
  o Curriculum and Instruction (M.A.Ed.)
o Administration (M.A.Ed.)
  Preliminary Administrative Services Credential
o School Counseling (M.A.Ed.)
  Pupil Personnel Services Credential
o Educational Technology (M.A.E.T.)
• Doctor of Education (Ed.D)

School of Professional Studies

Undergraduate Programs
• Healthcare Management

Adult Degree Programs
• Business Administration and Leadership
• General Education
• Healthcare Management
• Liberal Arts
• Nonprofit Leadership
• Organizational Psychology
• Registered Nurse to Bachelor of Science in Nursing
• Second Degree Accelerated Bachelor of Science in Nursing

Graduate Programs
• Master of Arts in International Studies: Africa
• Master of Arts in International Studies: China
• Master of Arts in International Studies: China – International Business
• Master of Arts in Healthcare Administration (M.H.A.)
• Master of Science in Nursing (M.S.N.)
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Christ College
Dean: Dr. Steven P. Mueller

The purpose of Christ College is to enable students to understand, communicate, teach, defend, and believe the Christian faith through systematic inquiry of the Bible, the doctrines of the church, and other statements of faith. Christ College also equips students for professional church vocations in their chosen field. The school guides students interested in receiving certification for ministerial vocations in The Lutheran Church—Missouri Synod (LCMS).

Academic Programs

Undergraduate Majors
- Biblical Languages
- Christian Education Leadership
- Theological Studies
- Theology

Undergraduate Minors
- Biblical Languages
- Biblical Studies
- Christian Education Leadership
- Classical Languages
- Missiology
- Philosophy
- Theology
- Worship Arts Leadership
- Youth Ministry

Graduate Programs
- Master of Arts in Theology
- Master of Arts in Theology and Culture

The Great Commission Certificate
Director, Rev. Mark Siegert

Ministry Programs
Director of Ministerial Formation, Dr. Scott Stiegemeyer

Undergraduate Certification for The Lutheran Church—Missouri Synod
- Director of Christian Education
  Director, Dr. David Rueter
  Assistant Director: Prof. Rebecca Duport
- Director of Parish Music
  Director, Dr. Carol McDaniel
- Pre-Deaconess Studies
  Director, Rev. Quinton Anderson
- Pre-Seminary Studies
  Director, Rev. Quinton Anderson
• Lutheran Teaching Programs
  Acting Director, Dr. Michael Schulteis

Undergraduate Preparation for Christian Ministry
• Children, Youth, and Family Ministry
• Christian Education
• Church Music
• Pre-Seminary Studies
• Worship Arts Leadership

Graduate and Post-baccalaureate Certification for The Lutheran Church—Missouri Synod
• Cross-cultural Ministry Center (LCMS Pastoral Ministry Certification)
  Director, Prof. Glenn Fluegge
• Director of Christian Education
  Director, Dr. David Rueter
  Assistant Director: Prof. Rebecca Duport
• Director of Parish Music
  Director, Dr. Carol McDaniel
• Lutheran Teaching Programs
  Acting Director, Dr. Michael Schulteis

Graduate and Post-baccalaureate Preparation for Christian Ministry
• Children, Youth, and Family Ministry
• Christian Education
• Church Music
• Pre-Seminary Studies
• Worship Arts Leadership

Colloquy
  Acting Director, Dr. Steven Mueller

Program Learning Outcomes
Comprehension of Scripture
• Express an understanding of the language, contents, history, culture, and themes of the Bible.

Understanding of Doctrine
• Integrate and articulate biblical doctrine in systematic constructs.

Acquaintance with Other Theological Thought and Expression
• Accurately describe prominent religions, denominations, and philosophies of the past and present.

Engagement with Western Philosophy
• Articulate an understanding of Western philosophical history, classic texts, argument analysis, and the interaction of philosophy with biblical faith, theology, and other thought systems.

Development of Faith in Christ
• Christian students shall articulate a personal faith in Christ that is well informed from a biblical perspective.

Mission-oriented Church Leadership
• Christian students, whether preparing for called ministry or lay leadership in the church, will demonstrate skills and attitudes to effectively live out and lead the church in the Great Commission and lives of service.
Majors

Biblical Languages:
Bachelor of Arts Degree
49 Units

ARA 301: Aramaic ....................................................................................................................................................................... 3
GRE 101: Greek 1 ........................................................................................................................................................................ 4
GRE 102: Greek 2 ........................................................................................................................................................................ 4
GRE 211: Reading in Luke and Acts ............................................................................................................................................. 3
GRE 331: Extra-biblical Readings ................................................................................................................................................ 3
GRE 341: Johannine Literature .................................................................................................................................................... 3
GRE 451: Pauline Literature ....................................................................................................................................................... 3
HEB 101: Hebrew 1 ..................................................................................................................................................................... 4
HEB 102: Hebrew 2 ..................................................................................................................................................................... 4
HEB 201: Readings in the Hebrew Bible ...................................................................................................................................... 3
THL 311: Old Testament Book of the Bible .................................................................................................................................... 3
THL 371: Christian Doctrine 1 ..................................................................................................................................................... 3
THL 372: Christian Doctrine 2 ..................................................................................................................................................... 3
THL 429: Biblical Theology and Exegesis .................................................................................................................................... 3

Christian Education Leadership:
Bachelor of Arts Degree
40 Units

CED 202: Church Leadership and Administration ................................................................................................................................. 3
CED 302: Methodology of Christian Teaching ...................................................................................................................................... 3
CED 370: Children’s and Family Ministry .......................................................................................................................................... 3
CED 380: Youth and Family Ministry .................................................................................................................................................. 3
CED 460: Adult Ministry ................................................................................................................................................................. 3
PSY 466: Principles of Counseling .................................................................................................................................................... 3
THL 222: Christian Witness and Evangelism .................................................................................................................................... 1
THL 371: Christian Doctrine 1 ..................................................................................................................................................... 3
THL 372: Christian Doctrine 2 ..................................................................................................................................................... 3
THL 375: Contemporary Religious Bodies in America ................................................................................................................. 3
THL 382: Corporate Worship ......................................................................................................................................................... 3
THL 429: Biblical Theology and Exegesis ....................................................................................................................................... 3
THL 481: The Mission of Christ’s Church ...................................................................................................................................... 3

Choose 1 of the following courses: (3 units)

THL 311: Old Testament Book of the Bible ................................................................................................................................. 3
THL 312: New Testament Book of the Bible ................................................................................................................................. 3

Recommended Electives:

CED 201: Introduction to Christian Education: Theory and Practice ............................................................................................... 3
COM 216: Interpersonal Communication .......................................................................................................................................... 3
COM 311: Advanced Public Speaking .......................................................................................................................................... 3
COM 324: Intercultural Communication .......................................................................................................................................... 3
PSY 261: Chemical Dependency and Addiction .......................................................................................................................... 3
PSY 314: Developmental Psychology: Adolescence ..................................................................................................................... 3
SOC 331: Marriage and the Family .................................................................................................................................................. 3
SOC 332: Child, Family, and Community ...................................................................................................................................... 3
SOC 355: Social Gerontology .......................................................................................................................................................... 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THL 321:</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>THL 430:</td>
<td>Christian Apologetics</td>
<td>3</td>
</tr>
<tr>
<td>THL 465:</td>
<td>Christians and Ethics</td>
<td>3</td>
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</tbody>
</table>

### Theological Studies:

**Bachelor of Arts Degree**

**48 Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THL 222:</td>
<td>Christian Witness and Evangelism</td>
<td>1</td>
</tr>
<tr>
<td>THL 311:</td>
<td>Old Testament Book of the Bible</td>
<td>3</td>
</tr>
<tr>
<td>OR THL 312:</td>
<td>New Testament Book of the Bible</td>
<td>3</td>
</tr>
<tr>
<td>THL 321:</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>THL 371:</td>
<td>Christian Doctrine 1</td>
<td>3</td>
</tr>
<tr>
<td>THL 372:</td>
<td>Christian Doctrine 2</td>
<td>3</td>
</tr>
<tr>
<td>THL 375:</td>
<td>Contemporary Religious Bodies in America</td>
<td>3</td>
</tr>
<tr>
<td>THL 382:</td>
<td>Corporate Worship</td>
<td>3</td>
</tr>
<tr>
<td>THL 429:</td>
<td>Biblical Theology and Exegesis</td>
<td>3</td>
</tr>
<tr>
<td>THL 430:</td>
<td>Christian Apologetics</td>
<td>3</td>
</tr>
<tr>
<td>THL 463:</td>
<td>Readings in Classical Christian Thought</td>
<td>3</td>
</tr>
<tr>
<td>THL 465:</td>
<td>Christians and Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose 1 of the following course pairings: (8 units)**

- GRE 101: Greek 1 .................................................. 4
- and GRE 102: Greek 2 .................................................. 4
- OR
- HEB 101: Hebrew 1 .................................................. 4
- and HEB 102: Hebrew 2 .................................................. 4

**Choose 3 of the following courses not taken above: (9 units)**

- PHI 211: Philosophical Ethics ................................. 3
- PHI 433: Philosophy of Religion ............................... 3
- PHI 439: Analytic Philosophy .................................. 3
- THL 304: History of the Christian Church .................. 3
- THL 311: Old Testament Book of the Bible .................. 3
- THL 355: The Reformation ........................................ 3
- THL 481: The Mission of Christ's Church ................... 3

NOTE: Students may take THL 311 and 312 if not already taken above.

### Theology:

**Bachelor of Arts Degree**

**39 Units**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THL 304:</td>
<td>History of the Christian Church</td>
<td>3</td>
</tr>
<tr>
<td>THL 311:</td>
<td>Old Testament Book of the Bible</td>
<td>3</td>
</tr>
<tr>
<td>THL 312:</td>
<td>New Testament Book of the Bible</td>
<td>3</td>
</tr>
<tr>
<td>THL 321:</td>
<td>World Religions</td>
<td>3</td>
</tr>
<tr>
<td>THL 371:</td>
<td>Christian Doctrine 1</td>
<td>3</td>
</tr>
<tr>
<td>THL 372:</td>
<td>Christian Doctrine 2</td>
<td>3</td>
</tr>
<tr>
<td>THL 375:</td>
<td>Contemporary Religious Bodies in America</td>
<td>3</td>
</tr>
<tr>
<td>THL 429:</td>
<td>Biblical Theology and Exegesis</td>
<td>3</td>
</tr>
<tr>
<td>THL 430:</td>
<td>Christian Apologetics</td>
<td>3</td>
</tr>
<tr>
<td>THL 465:</td>
<td>Christians and Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose 2 of the following courses: (6 Units)**

- PHI 211: Philosophical Ethics ................................. 3
Choose 1 of the following courses: (3 Units)

THL 355: The Reformation ................................................................. 3
THL 463: Readings in Classical Christian Thought ......................................................... 3

Minors

Biblical Languages

22 Units

GRE 101: Greek 1 ........................................................................................................... 4
GRE 102: Greek 2 ........................................................................................................... 4
HEB 101: Hebrew 1 ........................................................................................................ 4
HEB 102: Hebrew 2 ........................................................................................................ 4

Choose 2 of the following courses: (6 units)

ARA 301: Aramaic ......................................................................................... 3
GRE 211: Reading in Luke and Acts ................................................................. 3
GRE 341: Johannine Literature ........................................................................ 3
GRE 451: Pauline Literature ............................................................................ 3
HEB 201: Readings in the Hebrew Bible ............................................................. 3

Biblical Studies

21-23 Units

THL 201: History and Literature of the Old Testament ........................................... 3
THL 202: History and Literature of the New Testament ........................................... 3
THL 311: Old Testament Book of the Bible ............................................................. 3
THL 312: New Testament Book of the Bible ............................................................. 3
THL 429: Biblical Theology and Exegesis ............................................................. 3

Choose 1 of the following course pairings: (6-8 units)

GRE 101: Greek 1 ................................................................................................. 4
and GRE 102: Greek 2 ............................................................................................. 4
OR
HEB 101: Hebrew 1 ................................................................................................. 4
and HEB 102: Hebrew 2 .......................................................................................... 4
OR
THL 311: Old Testament Book of the Bible ............................................................. 3
and THL 312: New Testament Book of the Bible ..................................................... 3

NOTE: Students may choose THL 311 or 312 if it is a different book than above

Christian Education Leadership

24 Units

CED 202: Church Leadership and Administration .................................................... 3
CED 302: Methodology of Christian Teaching ......................................................... 3

NOTE: Education students should replace CEd 302 with THL 429

CED 370: Children's and Family Ministry ............................................................... 3
CED 380: Youth and Family Ministry .................................................................... 3
CED 460: Adult Ministry ....................................................................................... 3
THL 371: Christian Doctrine 1 ............................................................................. 3
THL 372: Christian Doctrine 2 ............................................................................. 3

Choose 1 of the following courses: (3 units)

THL 429: Biblical Theology and Exegesis ............................................................ 3

46
THL 311: Old Testament Book of the Bible ................................................................. 3
THL 312: New Testament Book of the Bible ................................................................. 3

NOTE: Thl 429 may be chosen if not already being substituted above.

Classical Languages
22 Units

GRE 101: Greek 1 ........................................................................................................ 4
GRE 102: Greek 2 ........................................................................................................ 4
LAT 101: Fundamentals of Latin 1 ................................................................................ 4
LAT 102: Fundamentals of Latin 2 ................................................................................ 4

Choose 2 of the following courses: (6 units)
GRE 211: Reading in Luke and Acts ........................................................................... 3
GRE 331: Extra-Biblical Readings ............................................................................... 3
GRE 341: Johannine Literature .................................................................................. 3
GRE 451: Pauline Literature ....................................................................................... 3

Missiology
22 Units

ANT 210: Cultural Anthropology ................................................................................ 3
ANT 435: Anthropology of Religion .......................................................................... 3
THL 222: Christian Witness and Evangelism .............................................................. 1
THL 321: World Religions .......................................................................................... 3
THL 430: Christian Apologetics ................................................................................ 3
THL 481: The Mission of Christ's Church .................................................................. 3

Choose 1 of the following courses: (3 units)
COM 324: Intercultural Communication ................................................................ 3
MUS 451: Music Cultures of the World: Emerging Nations ...................................... 3
MUS 452: Music Cultures of the World: The Silk Road ........................................... 3
PHI 433: Philosophy of Religion ................................................................................ 3
SOC 316: Ethnic and Minority Relations .................................................................... 3

Choose 1 of the following courses: (3 units)
HST 338: Modern European History ........................................................................ 3
HST 371: Islamic Civilization ..................................................................................... 3

Philosophy
18 Units

CPHI 101: Introduction to Philosophy ......................................................................... 3
CPHI 200: Introduction to Philosophical Inquiry ......................................................... 3

Choose 4 of the following course: (12 units)
PHI 211: Philosophical Ethics ..................................................................................... 3
PHI 433: Philosophy of Religion ................................................................................ 3
PHI 439: Analytic Philosophy ................................................................................... 3
PHI 491: Special Topics ............................................................................................. 3
SCI 455: History and Philosophy of Science ............................................................... 3
THL 430: Christian Apologetics ................................................................................ 3
THL 465: Christians and Ethics .................................................................................. 3

Theology
24 Units

THL 321: World Religions .......................................................................................... 3
### Worship Arts Leadership
#### 26-27 Units

With **Music Education**, **Liberal Arts**, or **Performance** emphasis in the Music Major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THL 371</td>
<td>Christian Doctrine 1</td>
<td>3</td>
</tr>
<tr>
<td>THL 372</td>
<td>Christian Doctrine 2</td>
<td>3</td>
</tr>
<tr>
<td>THL 375</td>
<td>Contemporary Religious Bodies in America</td>
<td>3</td>
</tr>
<tr>
<td>THL 429</td>
<td>Biblical Theology and Exegesis</td>
<td>3</td>
</tr>
<tr>
<td>THL 430</td>
<td>Christian Apologetics</td>
<td>3</td>
</tr>
<tr>
<td>THL 463</td>
<td>Readings in Classical Christian Thought</td>
<td>3</td>
</tr>
<tr>
<td>THL 465</td>
<td>Christians and Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose a combination of courses below to equal 2-3 units:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS/THL 482</td>
<td>Musical Heritage of the Church</td>
<td>3</td>
</tr>
<tr>
<td>MUS/THL 483</td>
<td>A Survey of Christian Hymnody</td>
<td>3</td>
</tr>
<tr>
<td>MUS/THL 484</td>
<td>Planning Music in Christian Worship</td>
<td>2</td>
</tr>
<tr>
<td>MUS/THL 485</td>
<td>Contemporary Christian Hymnody</td>
<td>2</td>
</tr>
<tr>
<td>THL 281</td>
<td>Introduction to Worship Arts</td>
<td>1</td>
</tr>
<tr>
<td>THL 371</td>
<td>Christian Doctrine 1</td>
<td>3</td>
</tr>
<tr>
<td>THL 372</td>
<td>Christian Doctrine 2</td>
<td>3</td>
</tr>
<tr>
<td>THL 381</td>
<td>Worship Arts Ministry</td>
<td>3</td>
</tr>
<tr>
<td>THL 382</td>
<td>Corporate Worship</td>
<td>3</td>
</tr>
</tbody>
</table>

### Worship Arts Leadership
#### 22-23 Units

With **Church Music** emphasis in the Music Major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS/THL 484</td>
<td>Planning Music in Christian Worship</td>
<td>2</td>
</tr>
<tr>
<td>MUS/THL 485</td>
<td>Contemporary Christian Song</td>
<td>2</td>
</tr>
<tr>
<td>THL 281</td>
<td>Introduction to Worship Arts</td>
<td>1</td>
</tr>
<tr>
<td>THL 371</td>
<td>Christian Doctrine 1</td>
<td>3</td>
</tr>
<tr>
<td>THL 372</td>
<td>Christian Doctrine 2</td>
<td>3</td>
</tr>
<tr>
<td>THL 381</td>
<td>Worship Arts Ministry</td>
<td>3</td>
</tr>
<tr>
<td>THL 382</td>
<td>Corporate Worship</td>
<td>3</td>
</tr>
<tr>
<td>THL 429</td>
<td>Biblical Theology and Exegesis</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose a combination of courses below to equal 2-3 units not taken as part of Church Music Emphasis in the Music Major:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTG 270</td>
<td>Digital Publishing</td>
<td>3</td>
</tr>
<tr>
<td>ARTG 271</td>
<td>Digital Image Manipulation</td>
<td>3</td>
</tr>
<tr>
<td>MUS 215</td>
<td>Music Technology</td>
<td>1</td>
</tr>
<tr>
<td>MUS 221</td>
<td>Beginning Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MUS 441</td>
<td>Handbell Methods and Repertoire</td>
<td>1-3</td>
</tr>
<tr>
<td>MUS 382</td>
<td>Contemporary Worship Ensemble Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MUS 461</td>
<td>Music for Children</td>
<td>2-3</td>
</tr>
<tr>
<td>MUS 471</td>
<td>Choral Methods and Repertoire</td>
<td>3</td>
</tr>
<tr>
<td>THR 261</td>
<td>Acting 1</td>
<td>3</td>
</tr>
</tbody>
</table>
Youth Ministry
18-21 Units

Students in LCMS Church Vocation take:
CED 380: Youth and Family Ministry ................................................................. 3
CED 302: Methodology of Christian Teaching .................................................... 3
PSY 314: Developmental Psychology: Adolescence ........................................... 3

Choose 3 of the following courses: (9 units)
CED 370: Children's and Family Ministry .......................................................... 3
THL 311: Old Testament Book of the Bible ......................................................... 3
THL 312: New Testament Book of the Bible ....................................................... 3
THL 429: Biblical Theology and Exegesis .......................................................... 3

Students not in an LCMS Church Vocation take:
CED 380: Youth and Family Ministry ................................................................. 3
CED 302: Methodology of Christian Teaching .................................................... 3
PSY 314: Developmental Psychology: Adolescence ........................................... 3
THL 371: Christian Doctrine 1 ........................................................................... 3
THL 372: Christian Doctrine 2 ........................................................................... 3

Choose 2 of the following courses: (6 units)
CED 370: Children's and Family Ministry .......................................................... 3
THL 311: Old Testament Book of the Bible ......................................................... 3
THL 312: New Testament Book of the Bible ....................................................... 3
THL 429: Biblical Theology and Exegesis .......................................................... 3

The Great Commission Certificate
Director, Rev. Mark Siegert

The Great Commission Certificate engages students with faculty and staff mentors for involvement in the work of making disciples of all nations. It promotes a multifaceted, holistic approach to missions combining academic work, practical application, reflection, and mentorship. Students apply to work towards the great Commission Certificate. While some of the work may be completed before applying, early application is encouraged to aid in mentoring and guidance.

Certificate Requirements

A. Academic Coursework
CCI 310: Christian Mission and Service ............................................................. 1
THL 222: Christian Witness/Evangelism ............................................................ 1
THL 381: The Mission of Christ's Church ........................................................... 3

Recommended courses:
THL 321: World Religions ................................................................................ 3
THL 430: Christian Apologetics ........................................................................ 3

B. Christian Missions Experience
Experiences must be in a Christian mission that is explicitly connected to the Gospel and approved for recognition by the program director.
- Local Missions Experience (minimum of 20 hours)
- International Christian Missions Experience (with preparation in CCI 310; minimum length of ten [10] days.)

C. Reflection
With the assistance of a faculty mentor, students will prepare a portfolio or paper that demonstrates substantial work and reflection on the mission experiences in light of academic work. These are approved by the program director and presented in a poster session at the Great Commission Showcase.

Christ College Programs

Ministry Programs
Director, Dr. Scott Stiegemeyer

Certification for Ministry in The Lutheran Church—Missouri Synod

Christ College guides students interested in receiving certification for ministerial vocations in The Lutheran Church—Missouri Synod (LCMS).

LCMS students pursuing such certification must apply for admission into a Christ College program and complete the academic preparation in that program; maintain a 2.5 cumulative grade point average (GPA) in all course work and a 2.8 cumulative GPA in required Christ College courses. Students must receive at least a C- in courses required for LCMS certification (including professional program and/or major). Those students successfully completing all requirements will receive a certificate along with a commemorative medallion from Christ College and will be considered for recommendation by the faculty for certification by the LCMS or for admission into a LCMS seminary.

Christ College certificate programs are:
- Director of Christian Education
- Director of Parish Music
- Lutheran Teaching Ministry
  - Elementary Education
  - Secondary Education
  - Special Education
- Pre-Deaconess Studies
- Pre-Seminary Studies
- Cross-cultural Ministry Center (graduate-level pastoral certification)

LCMS Church Vocations Certification Requirements (all programs)

A. Completion of relevant academic and professional programs.
B. The following courses are required of students in all of the LCMS church vocation programs:
   - CCI 001-008 Seminar in Ministry (.5-2 units)
     *Taken each year during a semester not taking CCI 103, CCI 203, CCI 303, or CCI 403.*
   - CCI 103: Introduction to Ministry .......................................................... 1
   - CCI 203: Church Polity and Organizational Structure ........................................ 1
   - CCI 303: Teaching the Faith ........................................................................ 1
   - CCI 403: The Role of the Christian Professional ............................................. 1
   - THL 201: History and Literature of the Old Testament ..................................... 3
   - THL 202: History and Literature of the New Testament ..................................... 3
   - THL 304: History of the Christian Church ....................................................... 3
   - THL 371: Christian Doctrine 1 ....................................................................... 3
   - THL 372: Christian Doctrine 2 ....................................................................... 3

Director of Christian Education (DCE) Program

Director, Dr. David Rueter
Assistant Director, Prof. Rebecca Duport
A Director of Christian Education (DCE) is a life span educational leader prepared for team ministry in a congregational setting and is certified, called, and commissioned by The Lutheran Church—Missouri Synod (LCMS). A DCE, empowered by the Holy Spirit, plans, administers, and assesses ministry that nurtures and equips people in the Body of Christ for spiritual maturity, service, and witness in home, job, congregation, community, and the world.

The purpose of the Director of Christian Education program is to equip leaders for ministry who are passionate about the Gospel, God’s people, and Christ’s Church. Through four (4) years of coursework and one (1) year of internship, students will be prepared to serve effectively in a congregational setting in the following roles: ministry leader, Christian educator, life span minister (including youth ministry), and care minister. Upon the successful completion of the Christian education leadership major and the DCE program requirements, and upon recommendation of the faculty, students will receive certification as a DCE by the LCMS and become eligible to receive a call into full-time service in the church.

Program Requirements
A. General Education: (55-57 Units)
   Normally completed during the first two years of attendance (See here for requirements).

B. Major Requirements: (40 Units)
   NOTE: The Christian Education Leadership major is required for all DCE students.

C. Christ College Certificate Requirements: (See here for requirements) (21 Units)

D. Suggested Minors:
   Anthropology, art, biblical languages, business, communication, cross-cultural studies, early childhood studies, music, missiology, psychology, sociology, theatre, theology, worship arts leadership, and writing.

E. Additional DCE Program Requirements: (9 Units)
   CED 201: Introduction to Christian Education: Theory and Practice ................................................................. 3
   CED 401: DCE Ministry Seminar/Field Work 1 ............................................................................................................ 3
   CED 402: DCE Ministry Seminar/Field Work 2 ............................................................................................................ 3

F. Internship: Post-Baccalaureate (12 Units)
   The final requirement for DCE certification is a year-long internship, normally following graduation, in a congregation, agency, or mission site of The Lutheran Church—Missouri Synod (LCMS) that will enable students to experience as many aspects of the DCE ministry as possible. While interns register as students under the ultimate direction of the DCE program director during internship, they are also paid by the participating congregation or agency and are under the direct supervision of a full-time person in the congregation or agency during this time.

International Internship
Christ College partners with The Lutheran Church—Missouri Synod (LCMS) World Missions to offer international internship opportunities for students in the Director of Christian Education (DCE) program. Students interested in such an international internship must place their request in writing to the DCE program director while enrolled in CEd 401 or earlier, if possible. The written request consists of a one to two page essay indicating why the student is interested in an international internship; skills they believe they possess to enable a successful international internship; and how they believe an international internship will support their future ministry as a DCE.

Only students who have an exemplary record at CUI will be considered for an international internship. Students must meet all Christ College and DCE academic program requirements. All members of the Christ College Church Vocations Council must be confident that the student will succeed in an international setting.
Students will enroll in CEd 490 for two semesters and CEd 491 for the remaining one or two semesters of international internship. Students are responsible for three semesters of internship tuition. Students on internship for 24 months may pay CEd 491 tuition over two semesters. Internship tuition and fees may increase to align with the cost of supervision.

Students are expected to raise support for an international internship and must show the ability to pay for airfare from the internship site to the United States in case of emergency or unexpected ending of the internship.

**State-side Cross-cultural and Missional Internship**

Christ College partners with various Lutheran non-profit organizations and congregations which offer unique state-side internships most of which require the intern to raise some or all of their internship salary.

Students must complete all state-side internship application requirements (application, interview, attendance at the matching conference, etc.) as well as any additional requirements set forth by LCMS World Missions and the potential internship site.

Students are introduced to these opportunities through various CEd courses and are to express their interest to the DCE director while enrolled in CEd 401 or earlier, if possible.

**G. DCE Post-Baccalaureate Certification**

DCE certification is designed for students who have obtained an undergraduate degree in a field unrelated to DCE ministry; have professional or volunteer experience in a congregation of The Lutheran Church—Missouri Synod (LCMS); and desire to serve as a DCE in the LCMS. Concordia offers two means to DCE certification:

1. Students may complete the DCE post-baccalaureate certification program, taking up to 55-57 units of undergraduate courses designed to prepare them for the DCE profession. For information regarding this program, contact the DCE program office.
2. Students may complete the master of arts in theology with a Christian education emphasis. Contact Christ College for more information.

**Director of Parish Music (DPM) Program**

*Director, Dr. Carol R. McDaniel*

The **Director of Parish Music (DPM) Program** grants the bachelor’s degree and Christ College certification, making the candidate eligible to serve in a congregation or other agency affiliated with The Lutheran Church—Missouri Synod (LCMS).

**Program Requirements**

**A. General Education: (55-57 Units)**

Normally completed during the first two years of attendance *(see here for requirements)*. Students may, if placed by examination, substitute Mus 201 in the music major for the Mus 111 Fine Arts option in the general education.

**B. Major Requirements: (Music major) (54-56 Units)**

*(See here for requirements)*

**C. Christ College Certificate Requirements: (21 Units)**

*(See here for requirements)*

**D. Additional DPM Program Requirements: (11 Units)**

- MUS 391: Practicum: Church Music ................................................................. 1
- MUS 491: Senior Field Work in Church Music 1 ................................................. 6
Students must demonstrate the following skills before graduation:
MUKP 202: Piano ....................................................................................................................................................................
OR MUKO 102: Keyboard Improvisation ....................................................................................................................
and MUVO 100: Voice Class .................................................................................................................................... 1-2
OR MUVO 101: Private Lessons: Voice ................................................................. 1-2

Lutheran Teaching Ministry: Elementary and Secondary Education

Acting Director, Dr. Michael Schulteis

Lutheran teaching programs prepare students for teaching in Lutheran schools at either the elementary or secondary level. Those who want to teach at the elementary level are best prepared by taking the Liberal Studies major. Future high school teachers will major in a state-approved single subject content area. Students in Lutheran teaching programs complete the requirements for a California teaching credential (see information under School of Education) along with Christ College requirements. Student teaching assignments will include both public school and Lutheran school settings. These students will then be certified, called, and commissioned by The Lutheran Church—Missouri Synod (LCMS) to teach in Lutheran schools and hold a Lutheran Teaching Certificate.

While the majority of courses in this program are education, students are encouraged to seek ways to integrate faith throughout the curriculum they will teach. Students who have a heart for Jesus and a passion for the teaching ministry are guided to serve God by being servant leaders in their classrooms, at the congregational level, and beyond.

For program specifics, please see School of Education section.

Pre-Deaconess Studies Program

Director, Rev. Quinton Anderson

Christian women serving as deaconesses reach out to individuals in spiritual and physical need through acts of service and ministry. Depending on their gifts and calling, they may provide spiritual care, teach God’s Word, administer programs, work in social services, or assist in a variety of other ministry tasks. Deaconesses frequently serve in parishes, hospitals, welfare institutions, college campuses, inner cities, foreign missions, and in other places where their ministry of service is needed.

The Pre-Deaconess Studies Program equips women for seminary-level diaconal training through instruction in at least one (1) biblical language and through other courses that will prepare them for graduate theological education. Pre-deaconess students are part of Christ College and are engaged in spiritual and ministerial formation with other future church workers.

Program Requirements

A. General Education: (55-57 Units)
   Normally completed during the first two years of attendance (See here for requirements).

B. Major Requirements:
   Completion of any approved major. Majors in behavioral sciences (with an emphasis in social work or another emphasis), theological studies, or Christian education leadership are particularly recommended.

C. Christ College Certificate Requirements: (21 Units)
   (See here for requirements)
D. Additional Pre-Deaconess Program Requirements: (11 Units)

GRE 101: Greek 1 ................................................................. 4
and GRE 102: Greek 2 .......................................................... 4
OR HEB 101: Hebrew 1 ......................................................... 4
and HEB 102: Hebrew 2 ......................................................... 4
THL 465: Christians and Ethics ............................................. 3

Highly Recommended:
CED 202: Church Leadership and Administration .................. 3
CED 302: Methodology of Christian Teaching .......................... 3

Pre-Seminary Studies Program

Pre-Seminary Studies Program furnishes students with the academic training essential not only for successful entrance into a seminary but also for a successful ministry. The program is structured to encourage personal and spiritual growth in pastoral attitudes, habits, and skills. Upon successful completion of the program, students are prepared to enter a seminary to continue their study that normally includes three additional years of academic work and one year of vicarage. Entrance requirements vary, but normally a bachelor’s degree and proficiency in the biblical languages of Greek and Hebrew are required of all who desire admission to a seminary. Seminaries generally also require personal references and recommendations.

General admission to the university does not constitute admission to the Pre-Seminary Studies Program. Students are advised to consult the program director for specific requirements and procedures for admission.

Program Requirements

A. General Education: (55-57 Units)
Normally completed during the first two years of attendance (See here for requirements).

B. Major Requirements: (34-36 Units)
Completion of any approved major.

C. Christ College Certificate Requirements: (21 Units)
(See here for requirements)

D. Additional Pre-Seminary Course Requirements: (22 Units)

CPHI 101: Introduction to Philosophy ........................................ 3
OR CPHI 200: Introduction to Philosophical Inquiry ................ 3
GRE 101: Greek 1 ..................................................................... 4
GRE 102: Greek 2 ..................................................................... 4
HEB 101: Hebrew 1 ................................................................... 4
HEB 102: Hebrew 2 ................................................................... 4
THL 465: Christians and Ethics ................................................. 3

Highly Recommended:
ARA 301: Aramaic ................................................................. 3
CED 202: Church Leadership and Administration .................. 3
CED 370: Children's and Family Ministry ................................. 3
CED 380: Youth and Family Ministry ....................................... 3
CED 460: Adult Ministry .......................................................... 3
GRE 211: Reading in Luke and Acts ........................................ 3
E. Additional Information:

All students in the program are required to meet annually with the program director to discuss their personal, professional, intellectual, and spiritual growth for the pastoral ministry.

Colloquy Program

*Acting Director, Dr. Steven Mueller*

Concordia University partners with the Concordia University Educational Network (CUENet) to offer an online program of instruction for teachers who have completed a bachelor’s degree and who wish to become commissioned ministers of The Lutheran Church—Missouri Synod (LCMS). Those who are interested in being commissioned as Directors of Christian Education (DCE) or Directors of Parish Music (DPM) do not have an online option. Students work individually with the particular program director for certification. For a more complete description of the colloquy program and information regarding admission to the program, please contact the program director. Information can also be found at [http://cuenet.edu/](http://cuenet.edu/).

Cross-cultural Ministry Center

*Director, Prof. Glenn Fluegge*

The Cross-cultural Ministry Center (CMC) oversees the preparation, training, and formation of candidates for pastoral ministry in The Lutheran Church—Missouri Synod (LCMS). The CMC specializes in forming missionary pastors to launch and develop culture-crossing ministries. Students graduate with a Master of Arts degree (MA) in theology and full certification for ordination as a pastor in the LCMS.

Program Learning Outcomes

**Spiritual Service**

*Graduates will develop a proper spiritual attitude through*

- the study and use of theology.
- a strong scriptural base for service as a spiritual model.
- increased skill in independent preparation and study of Scripture.
- a proper hermeneutic approach to Scripture and the Lutheran Confessions and their application.
- a deepening appreciation for and commitment to the Holy Scripture and the Lutheran Confessions.
- growth in discerning Christian doctrine and its clear presentation to others.

**Scriptural Vision**

*Graduates will develop*

- scriptural visions for themselves and display spiritual formation and growth, including personal growth (as pastor, husband, father etc.) and will maintain their mental, emotional, and physical health.
- scriptural visions for ministry by learning skills in getting to know the people in a congregation and community along with their unique needs, and in determining visions and aims for a congregation and its members.
Ministerial Competencies

Graduates will develop
• mastery of the functions of the office of the holy ministry.
• an appropriate use of leadership skills and factors producing effectiveness in ministry.
• use of the Holy Spirit as the dynamic of faith and behavior.
• skill in assessing progress toward vision fulfillment.
• increased skill in relating Scripture in day-to-day ministry.

Ministry within Today’s Cultural-Linguistic Diversity

Graduates will display
• an increasing cultural and linguistic sensitivity and ability to minister within an ethnic group.
• an active ministry with a vision or focus on outreach to the community and beyond.
• an increasing ability to minister in a highly secular society.
• a working knowledge of today’s world religions and contemporary cultures.

Commitment to the Church

Graduates will display
• a heartfelt appreciation for the LCMS.
• a commitment to receiving a call within the LCMS.
• an increased desire to encourage others to consider and apply for the Ethnic Pastor Certification Program within the Cross-Cultural Ministry Center.

Preparation for Christian Ministry

In parallel with the LCMS certification programs, Christ College welcomes Christian students from many different backgrounds and provides preparation for various Christian ministries. Christ College is prepared to cooperate with a variety of Christian congregations and groups in preparing students for ministerial work. Christian students may pursue undergraduate and graduate preparation for Christian ministry in the following areas:
• Children, Youth, and Family Ministry
• Christian Education
• Church Music and Worship Arts Leadership
• Pastoral Ministry
School of Arts and Sciences

Dean: Dr. Timothy L. Preuss
Assistant Deans: Dr. Jeff Held
Dr. Terry Olson
Dr. Daniel van Voorhis

The School of Arts and Sciences strives to educate its students within the multi-faceted context of the liberal arts. Firmly rooted in the Christian tradition of Concordia University, the School confidently and freely explores both the riches of the past and the knowledge of today. The School cultivates within all students a disciplined and coherent worldview to prepare them to be active and effective leaders in today's world.

Along with Christ College, the School is responsible for the general education offerings of the university and monitors the courses, majors, minors, and professional programs through its different departments.

All degrees in the School of Arts and Sciences are Bachelor of Arts degrees unless noted as a Bachelor of Science degree.

Division of the Arts

Dr. Jeff Held, Assistant Dean
- Art Department
  Co-Chair, Prof. Niclas Kruger
  Co-Chair, Prof. Rachel Soo
- Music Department
  Chair, Dr. Marin Jacobson
- Theatre Department
  Chair, Prof. Lori Siekmann

Division of Humanities

Dr. Daniel van Voorhis, Assistant Dean
- Psychology, Sociology, and Anthropology Department
  Chair, Dr. John Lu
- Communication Studies Department
  Co-Chair, Dr. Martin Schramm,
  Co-Chair, Prof. Patricia Ollry
- English, Writing, and Modern Languages Department
  Chair, Dr. John Norton
- History and Political Thought Department
  Chair, Dr. Adam Francisco
- International Studies Department
  Chair, Dr. P. Dan Waite

Division of Mathematics and Natural Sciences

Dr. Terry Olson, Assistant Dean
- Biology Department
  Chair, Dr. Roderick Soper
• Chemistry, Physics, General Science Department  
  Chair, Dr. Lindsay Kane-Barnese  
• Exercise and Sport Science Department  
  Chair, Dr. Terry Olson  
  • Athletic Training Program  
    Director, Dr. Cliff Pawley  
  • Master of Arts in Coaching and Athletic Administration  
    Director, Prof. Tom White  
• Mathematics Department  
  Chair, Prof. Julie Melberg

Honors Program  
Assistant Provost, Dr. Scott Ashmon
Division of the Arts
Chair: Dr. Jeff Held

The goal of the Division of the Arts is to guide students toward their vocation by developing performance abilities, creativity, leadership and collaboration skills, critical thinking, and contextualization of art forms. The division fosters an ethos characterized by shared expressions of Christian faith as it prepares students for artistic professions in areas such as teaching, church vocation, performance, and research.

Department of Art
Co-chairs: Prof. Niclas Kruger and Prof. Rachel Soo

The Art department offers majors in art and graphic design with emphases in art education, graphic design, or studio art. In both majors, students create art and design that utilizes the elements and principles of design, strong drawing skills, and composition while they also build aesthetic and communication capabilities. The relationship of technique and content is further explored while students are introduced to art history, contemporary practices, and a distinct cultural awareness. Each major empowers students to follow an exciting vocational path in the visual arts. Students leave the program equipped for a successful future in their chosen field.

Majors
Art:
Bachelor of Arts Degree
45 Units

Program Learning Outcomes

- Describe and apply elements and principles of art to critique a work of art.
- Examine the symbolic or metaphorical meaning of a work of art.
- Develop conceptual, visual, and creative techniques in the art planning process.
- Examine contemporary and historical art to enhance one's own artwork.
- Produce creative artwork that demonstrates diversity and multicultural themes.
- Generate projects that apply elements and principles of art, utilizing a variety of media.

Core: (24 Units)
ART 200: Elements of Art ................................................................. 3
ART 201: Drawing 1 ............................................................................. 3
ART 251: Design ................................................................................ 3
ART 301: Drawing 2 ............................................................................. 3
ART 311: Art History 1 ....................................................................... 3
ART 312: Art History 2 ....................................................................... 3
ART 321: Painting 1 ............................................................................. 3

Choose 1 of the following courses: (3 units)
ART 331: Sculpture 1 ................................................................. 3
ART 341: Hand Building Ceramics 1 .................................................... 3
ART 351: Printmaking 1 ................................................................. 3

Emphasis: (21 Units)
Choose 1 of the following emphases:
Art Education
ART 315: The History of Contemporary Art ................................................................. 3
ART 380: Secondary Art Curriculum and Methods ...................................................... 3
ART 391: Art in the Schools ...................................................................................... 3
ART 498: Senior Art Seminar ................................................................................... 3

Choose 3 of the following courses: (9 units)
ART 401: Figure Drawing .................................................................................. 3
ART 421: Painting 2 .......................................................................................... 3
ART 431: Sculpture 2 ......................................................................................... 3
ART 441: Hand Building Ceramics 2 ................................................................. 3
ART 451: Printmaking 2 .................................................................................. 3
ARTG 471: Video Art .......................................................................................... 3
ARTG 481: Digital Photography ........................................................................... 3

Graphic Design
ARTG 261: Graphic Design 1 ...................................................................................... 3
ARTG 270: Digital Publishing ................................................................................... 3
ARTG 271: Digital Image Manipulation .................................................................. 3
ARTG 272: Digital Illustration ............................................................................... 3
ARTG 360: Typography 1 .................................................................................... 3
ARTG 361: Graphic Design 2 ............................................................................... 3
ARTG 461: Graphic Design 3 ............................................................................... 3

Studio Art
ART 315: The History of Contemporary Art ................................................................. 3
ART 401: Figure Drawing .................................................................................. 3
ART 421: Painting 2 .......................................................................................... 3
ART 498: Senior Art Seminar ................................................................................ 3

Choose 3 of the following courses: (9 units)
ART 431: Sculpture 2 ......................................................................................... 3
ART 441: Hand Building Ceramics 2 ................................................................. 3
ART 451: Printmaking 2 .................................................................................. 3
ARTG 471: Video Art .......................................................................................... 3
ARTG 481: Digital Photography ........................................................................... 3

Graphic Design:
Bachelor of Arts Degree
54 Units

Program Learning Outcomes
- Generate projects that apply elements and principles of design.
- Produce symbolic representations.
- Employ principles of typographic formalism to designs.
- Create imagery that utilizes studio art and digital illustrations.
- Apply technology used in the graphic design industry.
- Develop conceptual, visual, and creative techniques in the design planning process.
- Write creative briefs that communicate design ideas and expectations.
Foundation: (15 Units)
ART 200: Elements of Art ................................................................. 3
ART 201: Drawing 1 ................................................................................ 3
ART 251: Design .................................................................................. 3
ART 315: The History of Contemporary Art ......................................... 3
ART 321: Painting 1 .............................................................................. 3

Core: (39 Units)
ARTG 261: Graphic Design 1 .............................................................. 3
ARTG 270: Digital Publishing .............................................................. 3
ARTG 271: Digital Image Manipulation .............................................. 3
ARTG 272: Digital Illustration ............................................................ 3
ARTG 300: History of Graphic Design ................................................ 3
ARTG 360: Typography 1 .................................................................... 3
ARTG 361: Graphic Design 2 .............................................................. 3
ARTG 460: Typography 2 .................................................................... 3
ARTG 461: Graphic Design 3 .............................................................. 3
ARTG 471: Video Art ........................................................................... 3
ARTG 472: Web Design 1 .................................................................... 3
ARTG 473: Motion Graphics .............................................................. 3
ARTG 482: Web Design 2 .................................................................... 3
Choose 1 of the following courses: (3 units)
ART 351: Printmaking 1 ....................................................................... 3
ARTG 390: Graphic Design Practicum .............................................. 3
ARTG 471: Video Art .......................................................................... 3
ARTG 481: Digital Photography ......................................................... 3
ARTG 490: Internship: Graphic Design .............................................. 1-4
Note: ARTG 390 and ARTG 490 are recommended electives.

Minors
18 Units
Art
ART 200: Elements of Art ................................................................. 3
ART 201: Drawing 1 ................................................................................ 3
ART 321: Painting 1 .............................................................................. 3
ART 351: Printmaking 1 ....................................................................... 3
Choose 1 of the following courses: (3 units)
ART 311: Art History 1 .......................................................................... 3
ART 312: Art History 2 .......................................................................... 3
Choose 1 of the following courses: (3 units)
ART 331: Sculpture 1 ........................................................................... 3
ART 341: Hand Building Ceramics 1 .................................................. 3

Graphic Design
ARTG 261: Graphic Design 1 .............................................................. 3
ARTG 361: Graphic Design 2 .............................................................. 3
ARTG 461: Graphic Design 3 .............................................................. 3
Choose 2 of the following courses: (6 units)
ARTG 270: Digital Publishing .............................................................. 3
ARTG 271: Digital Image Manipulation .............................................. 3
ARTG 272: Digital Illustration ............................................................ 3
Choose 1 of the following courses: (3 units)
ARTG 315: The History of Contemporary Art ................................................................. 3
ARTG 390: Graphic Design Practicum .................................................................................. 3
ARTG 471: Video Art ........................................................................................................ 3

Department of Music
Chair: Dr. Marin Jacobson

The Music department empowers students to cultivate and articulate human thought and feeling through involvement with the mechanical, cultural, and aesthetic elements of music.

Program Learning Outcomes

Practical Musicianship
• Develop musical skills that reflect competent applications of the materials and conventions of music.

Performance Musicianship
• Generate musical performances which are technically adept, stylistically appropriate, accurate, and artistic.

Leadership and Collaboration
• Lead and collaborate with others to produce musical works and activities.

Critical Thinking
• Interpret, analyze, and evaluate musical works and performances.

Contextualization
• Evaluate the significance of music in various contexts (e.g., social, historical, ritual, cultural).

Major
Music:
Bachelor of Arts Degree
54-56 Units

Core: (35-36 Units)
MUS 201: Music Theory 1 ........................................................................................................ 3
MUS 202: Music Theory 2 ........................................................................................................ 3
MUS 211: Aural Skills 1 .......................................................................................................... 1
MUS 212: Aural Skills 2 .......................................................................................................... 1
MUS 221: Beginning Conducting ........................................................................................... 2
MUS 303: Music Theory 3 ........................................................................................................ 3
MUS 304: Music Theory 4 ........................................................................................................ 3
MUS 323: Aural Skills 3 .......................................................................................................... 1
MUS 324: Aural Skills 4 .......................................................................................................... 1
MUS 331: Music History: Antiquity to Bach ......................................................................... 3
MUS 332: Music History: Classical Period to Modernity ......................................................... 3

Performance (9 units)
NOTE: Four units of ensemble are counted toward graduation within the major, but each music major MUST participate in at least one ensemble each term of attendance; two ensembles are encouraged. Additional units may be petitioned against general electives as described in the traditional undergraduate catalog.

Applied study every semester in residence on a principal instrument. Students must study at least one semester at the 401 level. Five applied units are counted toward graduation within the major.
Piano Competence
All music majors MUST pass the piano competency examination. Students will register for MUKP 211 (0 units) during the semester in which they plan to take the examination. A fee will be assessed.

Voice Competence
All music majors MUST also pass either MUVO 100, one semester of applied voice lessons, or participate for at least one year in a department choral ensemble.

Senior Recital or Project (2-3 units)
MU___ 498: Senior Recital .......................................................................................................................................................... 2
OR MUS 498: Senior Project in Music ........................................................................................................................................... 2-3

Emphasis: (19 Units)
Choose 1 of the following emphases:

Church Music
The Church Music emphasis is intended for students preparing for careers in music leadership in churches. Director of Parish Music certification is optional and requires additional units; consult Christ College.
MUS 222: Intermediate Conducting ................................................................................................................................. 2
MUS/THL 482: Musical Heritage of the Church .................................................................................................................. 3
MUS/THL 483: A Survey of Christian Hymnody .................................................................................................................. 3
MUS/THL 484: Planning Music in Christian Worship ........................................................................................................... 2
THL 382: Corporate Worship .................................................................................................................................................. 3
Choose a combination of courses below to equal 6 units: (6 Units)
MUS 441: Handbell Methods and Repertoire .................................................................................................................. 1-3
MUS 461: Music for Children ........................................................................................................................................ 2-3
MUS 471: Choral Methods and Repertoire ...................................................................................................................... 3
MUS/THL 381: Worship Arts Ministry .......................................................................................................................... 3

Liberal Arts or Performance
The Liberal Arts or Performance emphasis is intended for students with a strong interest in solo performance, composition, musicology, ethnomusicology, or ensemble leadership but not pursuing a professional program such as church music or music education. With careful selection of courses, the liberal arts or performance core can prepare a student for specialized graduate studies in such sub-disciplines as music history/musicology, music theory, composition, ethnomusicology, and vocal or instrumental performance. See your advisor for details.

Performance Enrichment (3 units)
Choose a minimum of 3 units from the following:
MU___ 398: Junior Recital .................................................................................................................................................... 2
MUS 215: Music Technology .............................................................................................................................................. 1
MUS 222: Intermediate Conducting .................................................................................................................................. 2
MUS 312: Brass Techniques .................................................................................................................................................. 1
MUS 313: Percussion Techniques ......................................................................................................................................... 1
MUS 314: Woodwind Techniques ........................................................................................................................................... 1
MUS 315: String Techniques .................................................................................................................................................. 1
MU__: Applied Music: Primary Instrument/Composition .................................................................................................. 1-3
MU__: Applied Music: Secondary Instrument (up to two (2) units at the 200 level) ......................................................... 2
History and Theory (3 Units)

Choose a minimum of 3 units from the following:

- MUS 401: Advanced Studies in Music ................................................................. 1-3
- MUS 402: Orchestration ......................................................................................... 2
- MUS 452: Music Cultures of the World: The Silk Road .................................. 3
- MUS/THL 482: Musical Heritage of the Church ............................................. 3
- MUS/THL 483: A Survey of Christian Hymnody ............................................ 3

Methodology and Leadership (3 units)

Choose a minimum of 3 units from the following:

- MUS/THL 381: Worship Arts Ministry ............................................................. 3
- MUS 412: Instrumental Methods and Repertoire ........................................... 2-3
- MUS 441: Handbell Methods and Repertoire .................................................. 1-3
- MUS 461: Music for Children ........................................................................... 2-3
- MUS 471: Choral Methods and Repertoire ...................................................... 3
- MUS/THL 484: Planning Music in Christian Worship ..................................... 2

Electives: Select 10 additional units from Mus courses listed in the three groups above.

Music Education

Director of Music Education: Dr. Herb Geisler

The Music Education emphasis provides a foundation for teaching in public and private schools and for taking the California Subject Examination for Teachers (CSET) in music. Completing a single subject teaching credential (K-12) in the state of California is optional and requires additional units in and application to the School of Education. Up to 24 units are encouraged for this emphasis.

- MUS 222: Intermediate Conducting ................................................................. 2
- MUS 261: Introduction to Music Teaching .................................................... 1
- MUS 451: Music Cultures of the World: Emerging Nations ...................... 3
- OR MUS 452: Music Cultures of the World: The Silk Road ...................... 3
- MUS 461: Music for Children ......................................................................... 3
- MUS 462: Music in Secondary Schools .......................................................... 2

Choose a combination of courses below to equal a minimum of 3 units:

- MUS 312: Brass Techniques ............................................................................ 1
- MUS 313: Percussion Techniques ................................................................... 1
- MUS 314: Woodwind Techniques ................................................................... 1
- MUS 315: String Techniques .......................................................................... 1

Choose a combination of courses below to equal a minimum of 5 units:

- MUS 215: Music Technology .......................................................................... 1
- MUS 402: Orchestration .................................................................................. 2
- MUS 412: Instrumental Methods and Repertoire ........................................... 2-3
- MUS 441: Handbell Methods and Repertoire ................................................. 1-3
- MUS 471: Choral Methods and Repertoire ...................................................... 3

Minors

Music

24 Units

Core: 11-17 Units

- MUS 201: Music Theory 1 ............................................................................... 3
MUS 202: Music Theory 2 .............................................................................................................................. 3
MUS 211: Aural Skills 1 ...................................................................................................................................... 1
MUS 212: Aural Skills 2 ...................................................................................................................................... 1

Choose a combination of 1-3 courses below: (3-9 units)
  MUS 331: Music History: Antiquity to Bach ................................................................................................... 3
  MUS 332: Music History: Classical Period to Modernity .............................................................................. 3
  MUS 451: Music Cultures of the World: Emerging Nations ......................................................................... 3
  MUS 452: Music Cultures of the World: The Silk Road ............................................................................... 3

Performance (6 units)
MUE __: Ensemble ............................................................................................................................................... 2
MU ____: Applied Music ..................................................................................................................................... 4
  Student must achieve 300 level on one instrument.

Electives (1-7 Units)
Choose 1-7 units from any 300-400 level music and/or conducting courses to bring total units for minor up to 24.

Worship Arts Leadership
26-27 Units
For students not taking the Church Music emphasis in the Music major.
MU __ 100-401: Applied Music Instruction ................................................................................................... 1-2
MUS/THL 482: Musical Heritage of the Church ............................................................................................. 3
MUS/THL 483: A Survey of Christian Hymnody .............................................................................................. 3
MUS/THL 484: Planning Music in Christian Worship ......................................................................................... 2
MUS/THL 485: Contemporary Christian Song .................................................................................................. 2
THL 281: Introduction to Worship Arts ........................................................................................................... 1
THL 371: Christian Doctrine 1 .......................................................................................................................... 3
THL 372: Christian Doctrine 2 .......................................................................................................................... 3
MUS/THL 381: Worship Arts Ministry .............................................................................................................. 3
THL 382: Corporate Worship .......................................................................................................................... 3

Choose a combination of courses below to equal 2-3 units: (2-3 Units)
  ARTG 270: Digital Publishing ....................................................................................................................... 3
  ARTG 271: Digital Image Manipulation ........................................................................................................... 3
  MUS 215: Music Technology .......................................................................................................................... 1
  MUS 221: Beginning Conducting .................................................................................................................... 2
  MUS 382: Contemporary Worship Ensemble Leadership ................................................................................. 3
  MUS 441: Handbell Methods and Repertoire ................................................................................................. 1-3
  MUS 461: Music for Children .......................................................................................................................... 3
  MUS 471: Choral Methods and Repertoire ..................................................................................................... 3
  THR 261: Acting 1 ........................................................................................................................................ 3

Worship Arts Leadership
22-23 Units
For students taking the Church Music emphasis in the Music major.
MUS/THL 484: Planning Music in Christian Worship ......................................................................................... 2
MUS/THL 485: Contemporary Christian Song .................................................................................................. 2
THL 281: Introduction to Worship Arts ........................................................................................................... 1
THL 371: Christian Doctrine 1 .......................................................................................................................... 3
THL 372: Christian Doctrine 2 .......................................................................................................................... 3
MUS/THL 381: Worship Arts Ministry .............................................................................................................. 3
THL 382: Corporate Worship .......................................................................................................................... 3
Choose a combination of courses below to equal 2-3 units not taken for Church Music emphasis in Music Major: (2-3 units)

- ARTG 270: Digital Publishing .................................................................3
- ARTG 271: Digital Image Manipulation .................................................3
- MUS 215: Music Technology .................................................................1
- MUS 221: Beginning Conducting ..........................................................2
- MUS 382: Contemporary Worship Ensemble Leadership ......................3
- MUS 441: Handbell Methods and Repertoire .........................................1-3
- MUS 461: Music for Children ...............................................................3
- MUS 471: Choral Methods and Repertoire .............................................3
- THR 261: Acting 1 ................................................................................3

Department of Theatre

Chair: Prof. Lori Siekmann

The Theatre department educates students to understand, appreciate, and produce theatre in ways that reflect a Lutheran understanding of the Christian faith. Our academic programs incorporate both liberal arts and pre-professional elements to prepare students to be effective in a variety of theatre vocations and avocations. Our productions present high-quality entertainment that reflects the university's mission and values to both the campus community and the people of Orange County and beyond.

The Theatre major prepares students for careers in acting, directing, and technical theatre as well as for graduate programs in these areas. All theatre majors take a set of required classes and then choose either an Acting/Directing or Design/Technical Production emphasis. Students are encouraged to be well-rounded professionals who are prepared for a variety of careers in the arts, entertainment, and theatre education fields.

Program Learning Outcomes

- Theatre in Historical and Global Context
  - Students will engage in scholarship or creative activity that reflects knowledge of significant theatre art, past and present.
- Theatrical Artistry: Oral Communication
  - Students will effectively utilize oral communication skills to discuss, create, analyze, and present theatrical works.
- Theatrical Artistry: Written Communication
  - Students will effectively utilize written communication skills to create, analyze, and present theatrical works.
- Critical Thinking in Research
  - Students will utilize scholarly resources and related material to evaluate and/or create points of view.
- Interaction of Faith and Artistry
  - Students will articulate their own theological and philosophical perspectives and apply them to artistic visions and choices.
- Theatrical Artistry—Acting & Directing
  - Students will effectively utilize tools and techniques to act and direct theatrical art.
- Theatrical Artistry—Design & Technical Production
  - Students will effectively utilize different technical elements that contribute to the theatrical whole.

Major
Theatre:
Bachelor of Arts Degree
50-51 Units

Core: (27 Units)
THR 251: Introduction to Theatre ................................................................. 3
THR 261: Acting 1 ......................................................................................... 3
THR 311: Stagecraft .................................................................................... 3
THR 321: Introduction to Theatrical Design .................................................. 3
THR 351: Play Direction 1 ........................................................................... 3
THR 390: Practicum: Theatre ....................................................................... 2
THR 489: Senior Capstone .......................................................................... 1

Choose 2 of the following courses: (6 units)
THR 441: Theatre and Culture 1 ................................................................. 3
THR 442: Theatre and Culture 2 ................................................................. 3
THR 443: Contemporary Theatre and Culture ............................................ 3

Choose 1 of the following courses: (3 units)
ENG 387: Modern and Contemporary Drama ........................................... 3
ENG 466: Shakespeare ............................................................................... 3

Emphasis: (23-24 Units)
Choose 1 of the following emphases:

Acting and Directing (23-24 Units)
THR 241: Voice and Movement for the Actor .............................................. 3
THR 262: Acting 2 ....................................................................................... 4
THR 371: Acting 3 ....................................................................................... 4
THR 381: Acting in Musical Theatre ............................................................ 3
THR 451: Play Direction 2 .......................................................................... 3

Choose 2-3 courses of the following courses: (6-7 units)
ENG 387: Modern and Contemporary Drama ........................................... 3
ENG 466: Shakespeare ............................................................................... 3
THR 330: Performance Studies and Readers Theatre ................................. 3
THR 441: Theatre and Culture 1 ................................................................. 3
THR 442: Theatre and Culture 2 ................................................................. 3
THR 443: Contemporary Theatre and Culture ............................................ 3
THR 452: Advanced Script Analysis ........................................................... 3
THR 461: Creative Drama and Improvisation ............................................. 3
THR 471: Acting 4 ...................................................................................... 4
THR 498: Theatre Showcase ....................................................................  3

Design and Technical Production (24 Units)
THR 211: Computer Aided Design ............................................................. 3
THR 323: Period Styles of Design ............................................................... 3
THR 325: Scenic Design ............................................................................ 3
THR 327: Lighting and Sound Design ......................................................... 3
THR 329: Costume Design ....................................................................... 3

Choose 3 of the following courses not taken in the Core: (9 units)
ART 201: Drawing 1 .................................................................................. 3
ART 301: Drawing 2 .................................................................................. 3
ART 321: Painting 1 .................................................................................. 3
ENG 387: Modern and Contemporary Drama ........................................... 3
ENG 466: Shakespeare ............................................................................... 3
THR 441: Theatre and Culture 1 ................................................................. 3
<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>THR 251: Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THR 261: Acting 1</td>
<td>3</td>
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<tr>
<td>THR 262: Acting 2</td>
<td>4</td>
</tr>
<tr>
<td>THR 351: Play Direction 1</td>
<td>3</td>
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<tr>
<td><strong>Choose 1 of the following courses: (3 units)</strong></td>
<td></td>
</tr>
<tr>
<td>THR 441: Theatre and Culture 1</td>
<td>3</td>
</tr>
<tr>
<td>THR 442: Theatre and Culture 2</td>
<td>3</td>
</tr>
<tr>
<td>THR 443: Contemporary Theatre and Culture</td>
<td>3</td>
</tr>
<tr>
<td><strong>Choose 1 of the following courses not taken above: (3 units)</strong></td>
<td></td>
</tr>
<tr>
<td>ENG 387: Modern and Contemporary Drama</td>
<td>3</td>
</tr>
<tr>
<td>ENG 466: Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>THR 321: Introduction to Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td>THR 330: Performance Studies and Readers Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THR 441: Theatre and Culture 1</td>
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<tr>
<td>THR 442: Theatre and Culture 2</td>
<td>3</td>
</tr>
<tr>
<td>THR 443: Contemporary Theatre and Culture</td>
<td>3</td>
</tr>
<tr>
<td>THR 461: Creative Drama and Improvisation</td>
<td>3</td>
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</tbody>
</table>

**Musical Theatre**  
23 Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ESS 304: Motor Learning and Control</td>
<td>3</td>
</tr>
<tr>
<td>DAN 101: Ballet 1</td>
<td>1</td>
</tr>
<tr>
<td>DAN 102: Ballet 2</td>
<td>1</td>
</tr>
<tr>
<td>DAN 111: Jazz Dance</td>
<td>1</td>
</tr>
<tr>
<td>DAN 112: Modern Dance</td>
<td>1</td>
</tr>
<tr>
<td>DAN 141: Tap Dance</td>
<td>1</td>
</tr>
<tr>
<td>MU___ : Applied Music: Voice</td>
<td>3</td>
</tr>
<tr>
<td>THR 261: Acting 1</td>
<td>3</td>
</tr>
<tr>
<td>THR 262: Acting 2</td>
<td>4</td>
</tr>
<tr>
<td>THR 381: Acting in Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THR 390: Practicum: Theatre</td>
<td>2</td>
</tr>
</tbody>
</table>

NOTE: Students taking the musical theatre minor:
- may use Mus 102 for both the minor and general education requirements
- are strongly encouraged to take at least 4 semesters of MUE ensemble credit (vocal or instrumental)

**Theatre Design and Technical Production**  
21 Units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>THR 211: Computer Aided Design</td>
<td>3</td>
</tr>
<tr>
<td>THR 251: Introduction to Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THR 311: Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>THR 321: Introduction to Theatrical Design</td>
<td>3</td>
</tr>
</tbody>
</table>
THR 323: Period Styles of Design ................................................................. 3

Choose 2 of the following courses: (6 units)

THR 325: Scenic Design ........................................................................... 3
THR 327: Lighting and Sound Design ........................................................ 3
THR 329: Costume Design ...................................................................... 3
Division of Humanities
Chair: Dr. Daniel van Voorhis

Department of Psychology, Sociology, and Anthropology
Chair: Dr. John Lu

The Behavioral Sciences explore, explicate, conceptualize, and interpret the human experience. Through social science methodologies we discover how individuals think about, construct, act upon, and relate to themselves and others. The Behavioral Sciences Major utilizes the tools of anthropology, psychology, and sociology to explore the complex nature of the human experience. An interdisciplinary approach will create a foundation within which students will investigate the dynamic between self and society, agency and structure, and nature and culture. Students can choose an emphasis that further explores one of the dimensions of the Behavioral Sciences, such as culture (Anthropology emphasis), the individuals (Psychology emphasis), or society (Sociology emphasis).

Psychology
The study of psychology is designed to develop students’ capacities to explore, conceptualize, explicate, and interpret past and present human experience by understanding truth as it is revealed in God’s word (Scripture) and God’s world (the sophisticated scientific study and well-reasoned theoretical understanding of humans).

Program Learning Outcomes
- Write and speak in genres appropriate to the behavioral sciences.
- Summarize and evaluate literature to demonstrate critical understanding of content, theories, and methods.
- Demonstrate understanding of statistical concepts, perform calculations successfully, and apply problem solving strategies to analyze statistical data and draw appropriate conclusions.
- Illustrate how a Christian world-view interrelates with and complements the scientific study of human behavior.
- Examine the different components of socio-cultural and international diversity.

Core: (36 Units)
ANT 210: Cultural Anthropology ................................................................. 3
ANT 364: Culture and Self ................................................................. 3
BSC 220: Qualitative Research Methods .................................................... 3
BSC 265: Statistics for the Behavioral Sciences ....................................... 3
BSC 296: Introduction to Research Methods ........................................... 3
PSY 345: Social Psychology ................................................................. 3
PSY 351: Personality Theory ................................................................. 3
SOC 321: Social Problems ................................................................. 3
SOC 331: Marriage and the Family ....................................................... 3
SOC 461: Social Theory ................................................................. 3
Choose 1 of the following courses: (3 units)
PSY 313: Developmental Psychology: Childhood .................................... 3
PSY 314: Developmental Psychology: Adolescence .............................. 3
PSY 315: Developmental Psychology: Adulthood and Aging ................ 3
PSY 320: Developmental Psychology: Lifespan .................................... 3
Choose 1 of the following courses: (3 units)
- BSC 301: Topics in the Behavioral Sciences ................................................................. 3
- PSY 381: Advanced Research Methods 1 ........................................................................ 3

Emphasis: (12 Units)
Choose 1 of the following emphases:

Anthropology
- ANT 314: Native Peoples of North America .................................................................. 3
- ANT 435: Anthropology of Religion .............................................................................. 3

Choose 2 of the following courses: (6 units)
- ANT 241: (Field) Anthropology for Travelers ................................................................. 3
- HST 371: Islamic Civilization ....................................................................................... 3
- MUS 451: Music Cultures of the World: Emerging Nations ........................................ 3
- SOC 316: Ethnic and Minority Relations ...................................................................... 3

General
- ANT 435: Anthropology of Religion .............................................................................. 3
- PSY 361: Abnormal Psychology .................................................................................. 3
- SOC 320: Social Stratification ...................................................................................... 3

Choose 1 of the following courses: (3 units)
- ANT 241: (Field) Anthropology for Travelers ................................................................. 3
- ANT 314: Native Peoples of North America .................................................................. 3
- PSY 202: Human Sexuality ......................................................................................... 3
- PSY 340: Introduction to Biopsychology ..................................................................... 3
- PSY 403: Health Psychology ....................................................................................... 3
- SOC 325: Women and Gender Issues ......................................................................... 3
- SOC 355: Social Gerontology ...................................................................................... 3

Psychology
NOTE: Students who select the psychology emphasis must take Psy 101 in general education.

Choose 4 of the following courses: (12 units)
- PSY 202: Human Sexuality ......................................................................................... 3
- PSY 340: Introduction to Biopsychology ..................................................................... 3
- PSY 361: Abnormal Psychology .................................................................................. 3
- PSY 371: Cognition ..................................................................................................... 3
- PSY 403: Health Psychology ....................................................................................... 3
- PSY 441: Clinical and Forensic Psychology ................................................................. 3
- PSY 466: Principles of Counseling ............................................................................. 3

Sociology
NOTE: Students who select the sociology emphasis must take Soc 101 in general education.

SOC 320: Social Stratification ...................................................................................... 3

Choose 3 of the following courses (9 Units)
- SOC 229: Criminology ............................................................................................... 3
- SOC 316: Ethnic and Minority Relations ..................................................................... 3
- SOC 325: Women and Gender Issues ......................................................................... 3
- SOC 332: Child, Family, and Community ................................................................ 3
- SOC 355: Social Gerontology ...................................................................................... 3
- SOC 365: Sociology of Globalization ......................................................................... 3
Psychology:
Bachelor of Arts Degree
44-45 Units

Program Learning Outcomes (with links to University Learning Outcomes)

• Write and speak in genres appropriate to psychology. (WC / OC / SK).
• Summarize and evaluate literature to demonstrate critical understanding of content, theories, and methods. (SI: CT / SK).
• Demonstrate understanding of statistical concepts, perform calculations successfully, and apply problem solving strategies to analyze statistical data and draw appropriate conclusions. (QR).
• Illustrate how a Christian world-view interrelates with and complements the scientific study of human behavior. (CLF).
• Examine the different components of socio-cultural and international diversity. (IRC).

NOTE: Students who select the psychology major must take Psy 101 in general education.

BSC 265: Statistics for the Behavioral Sciences ........................................................................................................................... 3
BSC 296: Introduction to Research Methods .............................................................................................................................. 3
PSY 340: Introduction to Biopsychology ................................................................................................................................. 3
PSY 345: Social Psychology ........................................................................................................................................................ 3
PSY 351: Personality Theory ....................................................................................................................................................... 3
PSY 361: Abnormal Psychology ............................................................................................................................................... 3
PSY 371: Cognition ................................................................................................................................................................. 3
PSY 390: Practicum: Psychology ............................................................................................................................................... 2-3
PSY 403: Health Psychology .................................................................................................................................................. 3

Choose 1 of the following course pairings: (6 units)

PSY 202: Human Sexuality ................................................................................................................................................ 3
AND BSc 301: Topics in the Behavioral Sciences ................................................................................................................ 3
OR
Psy 261: Chemical dependency and Addiction ................................................................................................................ 3
AND BSc 301: Topics in the Behavioral Sciences ................................................................................................................ 3
OR
Psy 381: Advanced Research Methods 1 ......................................................................................................................... 3
AND BSc 382: Advanced Research Methods .................................................................................................................. 3

Choose 2 of the following courses: (6 units)

PSY 313: Developmental Psychology: Childhood ................................................................................................................ 3
PSY 314: Developmental Psychology: Adolescence ........................................................................................................... 3
PSY 315: Developmental Psychology: Adulthood and Aging ........................................................................................... 3
PSY 320: Developmental Psychology: Lifespan .................................................................................................................. 3

Choose 1 of the following courses: (3 units)

PSY 441: Clinical and Forensic Psychology ....................................................................................................................... 3
PSY 466: Principles of Counseling ....................................................................................................................................... 3

Choose 1 of the following courses: (3 units)

ANT 364: Culture and Self .................................................................................................................................................. 3
SOC 321: Social Problems .................................................................................................................................................. 3

Minors
Anthropology
18 Units

ANT 210: Cultural Anthropology ........................................................................................................................................... 3
SOC 316: Ethnic and Minority Relations ................................................................. 3

Choose 4 of the following courses: (12 units)

ANT 241: (Field) Anthropology for Travelers ..................................................... 3
ANT 314: Native Peoples of North America ........................................................... 3
ANT 364: Culture and Self .................................................................................... 3
ANT 435: Anthropology of Religion .................................................................... 3
HST 371: Islamic Civilization .............................................................................. 3
MUS 451: Music Cultures of the World: Emerging Nations ............................ 3

Psychology

18 Units

NOTE: Students who select the psychology minor must take Psy 101 in general education.

Choose 1 of the following courses: (3 units)

PSY 313: Developmental Psychology: Childhood .............................................. 3
PSY 314: Developmental Psychology: Adolescence .......................................... 3
PSY 315: Developmental Psychology: Adulthood and Aging .......................... 3
PSY 320: Developmental Psychology: Lifespan ................................................. 3

Choose 5 of the following courses: (15 units)

ESS 365: Sport Psychology .................................................................................. 3
PSY 202: Human Sexuality .................................................................................. 3
PSY 261: Chemical Dependency and Addiction ................................................. 3
PSY 340: Introduction to Biopsychology ............................................................. 3
PSY 345: Social Psychology .............................................................................. 3
PSY 351: Personality Theory ............................................................................. 3
PSY 361: Abnormal Psychology ....................................................................... 3
PSY 371: Cognition ............................................................................................ 3
PSY 403: Health Psychology ............................................................................. 3
PSY 441: Clinical and Forensic Psychology ...................................................... 3
PSY 466: Principles of Counseling ................................................................... 3

Sociology

18 Units

NOTE: Students who select the sociology minor must take Soc 101 in general education.

SOC 320: Social Stratification ............................................................................. 3
SOC 321: Social Problems .................................................................................. 3
SOC 365: Sociology of Globalization ................................................................. 3
SOC 461: Social Theory ..................................................................................... 3

Choose 2 additional 200 level and above sociology courses: (6 units)

Department of Communication Studies

Co-chairs: Dr. Martin Schramm and Prof. Patricia Ollry

The Communication Studies department equips students for leadership roles in communication-related careers. Students select one of two emphases — General or Mass Communication — and are encouraged to double major in another discipline or minor to complement the major. Through careful planning, students can complete these options within four years. The department offers a varied curriculum that includes both the classical courses associated with the discipline and those that reflect contemporary developments in the field, such as social media.

Program Learning Outcomes

Students completing the Communication Studies major will be able to:
- Explain and apply historical and contemporary theories of human communication.
- Describe and analyze how culture influences the communication process.
- Demonstrate competency in written and oral communication.
- Articulate the origins and trends of mediated communication.
- Analyze arguments and discourse intended to influence beliefs, attitudes, values, and practices.
- Demonstrate competency in systematic inquiry.

**Majors**

**Communication Studies:**

**Bachelor of Arts Degree**

**43 Units**

**Core: (25 Units)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 200</td>
<td>Gateway to Communication</td>
<td>1</td>
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<tr>
<td>COM 216</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 280</td>
<td>Theories of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 311</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 321</td>
<td>Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 324</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 340</td>
<td>Persuasion and Attitude Change</td>
<td>3</td>
</tr>
<tr>
<td>COM 485</td>
<td>Communication Criticism</td>
<td>3</td>
</tr>
<tr>
<td>COM 488</td>
<td>Communication Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

**Emphasis: (18 Units)**

Choose 1 of the following emphases:

**General Communication Studies**

*Choose 6 of the following courses: (18 units)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 211</td>
<td>Introduction to Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>COM 222</td>
<td>Theory and Practice of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>COM 328</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 335</td>
<td>Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 344</td>
<td>Theory and Practice of Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>COM 371</td>
<td>Introduction to Social Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 412</td>
<td>Writing for the Broadcast Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 422</td>
<td>Studies in Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>COM 451</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 471</td>
<td>Advanced Strategies in Social Media</td>
<td>3</td>
</tr>
<tr>
<td>THR 330</td>
<td>Performance Studies and Readers Theatre</td>
<td>3</td>
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</table>

**Mass Communication**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>COM 222</td>
<td>Theory and Practice of Journalism</td>
<td>3</td>
</tr>
<tr>
<td>COM 344</td>
<td>Theory and Practice of Interviewing</td>
<td>3</td>
</tr>
<tr>
<td>COM 371</td>
<td>Introduction to Social Media</td>
<td>3</td>
</tr>
<tr>
<td>OR COM 412</td>
<td>Writing for the Broadcast Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 422</td>
<td>Studies in Public Relations</td>
<td>3</td>
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</tbody>
</table>

*Choose 2 of the following courses: (6 units)*

**NOTE:** As COM 371 and 412 are listed in the emphasis requirements, choose the one (1) not taken in the emphasis.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 211</td>
<td>Introduction to Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>COM 328</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
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<tr>
<td>COM 335</td>
<td>Nonverbal Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 371</td>
<td>Introduction to Social Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 412</td>
<td>Writing for the Broadcast Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 451</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 471</td>
<td>Advanced Strategies in Social Media</td>
<td>3</td>
</tr>
<tr>
<td>THR 330</td>
<td>Performance Studies and Readers Theatre</td>
<td>3</td>
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</tbody>
</table>

**Minor:**

**Communication**  
*(18 Units)*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>COM 280</td>
<td>Theories of Human Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM 311</td>
<td>Advanced Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM 321</td>
<td>Mass Communication</td>
<td>3</td>
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</table>

Choose 3 of the following courses: *(9 units)*

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>COM 211</td>
<td>Introduction to Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>COM 216</td>
<td>Interpersonal Communication</td>
<td>3</td>
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<td>COM 222</td>
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<td>COM 340</td>
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<td>COM 471</td>
<td>Advanced Strategies in Social Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 485</td>
<td>Communication Criticism</td>
<td>3</td>
</tr>
<tr>
<td>COM 488</td>
<td>Communication Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

**Department of English, Writing, and Modern Languages**

*Chair: Dr. John Norton*

The **English, Writing, and Modern Languages department**, guided by the Great Commission and inspired by the traditions of the liberal arts, empowers students to cultivate their God-given gifts for human thought and expression. Students of all backgrounds are welcomed into the study and practice of the aesthetic, cultural, and mechanical excellences of literature, writing, and language(s) for lives of leadership and service.

**Majors**

**English:**

**Bachelor of Arts Degree**  
*(42 Units)*

**Program Learning Outcomes**

- Create a sustained argument employing the writing process and context-appropriate conventions.
- Analyze and assess literary texts and contexts using appropriate research tools and methods.
- Identify and differentiate literary periods, major writers, critical theories, and genres.
- Recognize and critique elements of literature including literary types, forms, and figurative language.
- Modern Languages: Develop an increased appreciation for different cultures and societies through language learning – etymological, structural, pronunciation, or literary exempla in the student’s main chosen language.
ENG 271: Literary Criticism ......................................................................................................................................................... 3  
ENG 341: American Literature 1 ................................................................................................................................................. 3  
ENG 342: American Literature 2 ................................................................................................................................................. 3  
ENG 361: English Literature 1 ..................................................................................................................................................... 3  
ENG 362: English Literature 2 ..................................................................................................................................................... 3  
ENG 451: Senior Seminar in English ............................................................................................................................................ 3  
ENG 466: Shakespeare ................................................................................................................................................................ 3  
ENG 471: Literary Theory ............................................................................................................................................................ 3  
ENG 477: History and Development of the English Language .................................................................................................... 3  
WRT 333: Topics in Literature and Creative Writing .................................................................................................................. 3  

Choose 2 of the following courses: (6 units)  
ENG 383: Modern and Contemporary Poetry ................................................................................................3  
ENG 385: Modern and Contemporary Novel ..................................................................................................3  
ENG 387: Modern and Contemporary Drama .................................................................................................................3  
ENG 389: Film as Literature ................................................................................................................................................3  

Choose 1 of the following courses: (3 Units)  
ENG 441: Major American Writers .........................................................................................................................3  
ENG 461: Major English Writers .........................................................................................................................3  

Choose 1 of the following courses: (3 Units)  
ENG 380: Women’s Literature ........................................................................................................................................3  
ENG 382: Postcolonial Literature ........................................................................................................................................3  

Humanities and Fine Arts:  
Bachelor of Arts Degree  
40-42 Units  
The Humanities and Fine Arts major is rooted in the tradition of the liberal arts, allowing students to study the best of human thought and creativity, across time and across cultures. In addition, the major encourages students to combine disciplines in a unique way, asking them to view their education as an intertwined, rather than a compartmentalized, experience.  

Program Learning Outcomes  
• Clear Communication  
  o Articulate a sustained argument using standard English genres and conventions.  
  o Use and incorporate a variety of research tools and methods.  
• Understanding of Cultural Diversity  
  o Demonstrate familiarity with major religions, philosophies, and artistic movements of a variety of world cultures.  
• Understanding of Cultural Unity  
  o Formulate connections among the cultures of the world.  
• Understanding of Cultural Development in the Western World  
  o Recognize the hallmarks of the major eras of Western civilization.  
• Cross-disciplinary Thinking  
  o Formulate connections among the disciplines associated with the Humanities and Fine Arts.  

Core: (22-24 Units)  
ART 311: Art History 1 ................................................................................................................................................................. 3  
OR ART 312: Art History 2 ......................................................................................................................................................... 3  
COM 324: Intercultural Communication ............................................................................................................................ 3  
CENG 201: World Literature to the Renaissance ................................................................................................................. 3
Emphasis: 18 Units
Choose 1 of the following emphases:

Art
NOTE: Art 311 or Art 312 may be taken in the Art emphasis if not taken in the core.
ART 200: Elements of Art ................................................................. 3
ART 201: Drawing 1 ........................................................................ 3
ART 311: Art History 1 .................................................................. 3
OR ART 312: Art History 2 ............................................................... 3
OR ART 315: The History of Contemporary Art ......................... 3
ART 321: Painting 1 ....................................................................... 3
ART 331: Sculpture 1 ................................................................. 3
OR ART 341: Hand Building Ceramics 1 ...................................... 3
ART 351: Printmaking 1 ................................................................. 3

Communication
COM 216: Interpersonal Communication .......................................... 3
COM 311: Advanced Public Speaking .............................................. 3
Choose 4 of the following courses: (12 units)
  COM 280: Theories of Human Communication ......................... 3
  COM 321: Mass Communication .................................................... 3
  COM 412: Writing for the Broadcast Media .................................. 3
  COM 451: Organizational Communication ................................... 3
  COM 485: Communication Criticism ............................................ 3

Creative Writing
WRT 323: Introduction to Genre and Craft in Creative Writing ............ 3
WRT 427: Advanced Creative Writing .............................................. 3
Choose 4 of the following courses: (12 units)
  WRT 324: Writing for Children and Teenagers .......................... 3
  WRT 327: Creative Writing: Fiction ............................................. 3
  WRT 328: Creative Writing: Poetry ............................................. 3
  WRT 329: Creative Nonfiction ................................................... 3
  WRT 333: Topics in Literature and Creative Writing .................. 3

History
HST 301: Eastern Civilization .......................................................... 3
HST 321: A History of Popular Culture ........................................... 3
HST 371: Islamic Civilization ............................................................ 3
Choose 3 non-duplicated courses from the following: (9 units)
  HST 226: United States History .................................................. 3
  HST 334: Medieval History ......................................................... 3
  HST 336: The Renaissance and the Reformation ......................... 3
  HST 338: Modern European History .......................................... 3
  HST 451: The Enlightenment ....................................................... 3
### Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 341</td>
<td>American Literature 1</td>
<td>3</td>
</tr>
<tr>
<td>ENG 342</td>
<td>American Literature 2</td>
<td>3</td>
</tr>
<tr>
<td>OR ENG 362</td>
<td>English Literature 2</td>
<td>3</td>
</tr>
<tr>
<td>ENG 361</td>
<td>English Literature 1</td>
<td>3</td>
</tr>
<tr>
<td>ENG 380</td>
<td>Women’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR ENG 382</td>
<td>Postcolonial Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR ENG 385</td>
<td>Modern and Contemporary Novel</td>
<td>3</td>
</tr>
<tr>
<td>OR ENG 387</td>
<td>Modern and Contemporary Drama</td>
<td>3</td>
</tr>
<tr>
<td>ENG 441</td>
<td>Major American Writers</td>
<td>3</td>
</tr>
<tr>
<td>OR ENG 461</td>
<td>Major English Writers</td>
<td>3</td>
</tr>
<tr>
<td>ENG 466</td>
<td>Shakespeare</td>
<td>3</td>
</tr>
</tbody>
</table>

**NOTE:** Students taking the Literature emphasis in the Humanities and Fine Arts major may **not** minor in English.

### Music

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 201</td>
<td>Music Theory 1</td>
<td>3</td>
</tr>
<tr>
<td>MUS 202</td>
<td>Music Theory 2</td>
<td>3</td>
</tr>
<tr>
<td>MUS 211</td>
<td>Aural Skills 1</td>
<td>1</td>
</tr>
<tr>
<td>MUS 331</td>
<td>Music History: Antiquity to Bach</td>
<td>3</td>
</tr>
<tr>
<td>MUS 332</td>
<td>Music History: Classical Period to Modernity</td>
<td>3</td>
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<tr>
<td>MUS ____</td>
<td>Upper Division Elective</td>
<td>3</td>
</tr>
<tr>
<td>MU ____</td>
<td>Applied Music Instruction</td>
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### Spanish

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>SPA 201</td>
<td>Intermediate Spanish 1</td>
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<tr>
<td>SPA 202</td>
<td>Intermediate Spanish 2</td>
<td>3</td>
</tr>
<tr>
<td>SPA 301</td>
<td>Advanced Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPA 302</td>
<td>Advanced Grammar/Reading</td>
<td>3</td>
</tr>
<tr>
<td>SPA 311</td>
<td>Survey of Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>OR SPA 312</td>
<td>Survey of Spanish American Literature</td>
<td>3</td>
</tr>
<tr>
<td>POL 304</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>OR SOC 316</td>
<td>Ethnic and Minority Relations</td>
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</tbody>
</table>

### Theatre

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>THR 261</td>
<td>Acting 1</td>
<td>3</td>
</tr>
<tr>
<td>THR 262</td>
<td>Acting 2</td>
<td>4</td>
</tr>
<tr>
<td>THR 311</td>
<td>Stagecraft</td>
<td>3</td>
</tr>
<tr>
<td>OR THR 321</td>
<td>Introduction to Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td>THR 351</td>
<td>Play Direction 1</td>
<td>3</td>
</tr>
<tr>
<td>THR 441</td>
<td>Theatre and Culture 1</td>
<td>3</td>
</tr>
<tr>
<td>OR THR 442</td>
<td>Theatre and Culture 2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose 1 of the following courses (not duplicated above): (3 units)**

- ENG 387: Modern and Contemporary Drama
- ENG 466: Shakespeare
- THR 441: Theatre and Culture 1
- OR THR 442: Theatre and Culture 2

### Minors

**18 units**
Creative Writing

WRT 323: Introduction to Genre and Craft in Creative Writing ................................................................. 3
WRT 427: Advanced Creative Writing ........................................................................................................ 3

Choose 2 of the following courses: (6 units)
  WRT 327: Creative Writing: Fiction .......................................................................................................... 3
  WRT 328: Creative Writing: Poetry ........................................................................................................... 3
  WRT 329: Creative Nonfiction .................................................................................................................. 3

Choose 1 of the following courses: (3 units)
  WRT 324: Writing for Children and Teenagers ....................................................................................... 3
  WRT 333: Topics in Literature and Creative Writing ................................................................................. 3

Choose 1 of the following courses: (3 units)
  ENG 342: American Literature 2 ........................................................................................................... 3
  ENG 383: Modern and Contemporary Poetry .......................................................................................... 3
  ENG 385: Modern and Contemporary Novel ......................................................................................... 3
  ENG 387: Modern and Contemporary Drama ......................................................................................... 3

English

ENG 271: Literary Criticism ......................................................................................................................... 3
ENG 341: American Literature 1 ................................................................................................................ 3
  OR ENG 342: American Literature 2 ...................................................................................................... 3
  ENG 361: English Literature 1 ................................................................................................................ 3
  OR ENG 362: English Literature 2 ......................................................................................................... 3
  OR ENG 382: Postcolonial Literature .................................................................................................... 3
  ENG 477: History and Development of the English Language ................................................................. 3
  WRT 333: Topics in Literature and Creative Writing ................................................................................. 3

Choose 1 of the following courses (not taken above): (3 units)
  ENG 341: American Literature 1 ........................................................................................................... 3
  ENG 342: American Literature 2 ........................................................................................................... 3
  ENG 361: English Literature 1 ................................................................................................................ 3
  ENG 362: English Literature 2 ................................................................................................................ 3
  ENG 380: Women’s Literature ................................................................................................................ 3
  ENG 382: Postcolonial Literature ........................................................................................................... 3
  ENG 383: Modern and Contemporary Poetry .......................................................................................... 3
  ENG 385: Modern and Contemporary Novel ......................................................................................... 3
  ENG 387: Modern and Contemporary Drama ......................................................................................... 3
  ENG 389: Film as Literature ..................................................................................................................... 3
  ENG 391: Children’s Literature ................................................................................................................. 3
  ENG 441: Major American Writers ......................................................................................................... 3
  ENG 461: Major English Writers ............................................................................................................ 3
  ENG 466: Shakespeare ............................................................................................................................. 3

Spanish

SPA 201: Intermediate Spanish 1 ................................................................................................................. 3
SPA 202: Intermediate Spanish 2 ............................................................................................................. 3
SPA 301: Advanced Conversation ............................................................................................................ 3
SPA 302: Advanced Grammar/Reading .................................................................................................... 3
SPA 311: Survey of Spanish Literature .................................................................................................. 3
SPA 312: Survey of Spanish American Literature ..................................................................................... 3

Department of History and Political Thought

Chair: Dr. Adam Francisco
The History and Political Thought department endeavors to equip students to “see life steadily and see it whole.” The interdisciplinary nature of the courses required for these majors attempts to look at the human experience both communally and individually and in both the past and present. All three majors are approached from the liberal arts tradition of learning for the sake of learning. The courses cover a broad range of topics including the works specific to the course subject and having rigorous reading and writing expectations. A graduate with one of these majors will not only have a mind well filled, but well trained.

Program Learning Outcomes

- **Empirical Inquiry**
  - Explain and conduct empirical research to study human experience and behavior, both past and present.
  - Utilize primary and secondary sources to demonstrate knowledge of past and present cultures of the world and issues affecting the global community.

- **Theoretical Cognizance**
  - Examine major concepts, models, and theories to interpret human experience within the context of historical, political, sociocultural, and economic life.

- **Articulate Expression**
  - Conceptualize and articulate important elements of selected disciplines within the social sciences through persuasive written and oral communication.

- **Historical and Existential Awareness**
  - Gain an appreciation and understanding of the social sciences by which students recognize that “While we do not live in the past, the past lives in us.”

- **Cultural Understanding**
  - Recognize and explain that documents and artifacts are art forms that record cultural change and serve as a moralizing influence.

- **Artistic Appreciation**
  - Develop an appreciation of the fine arts through an interdisciplinary approach to the social sciences.

- **Christian/Western Worldview**
  - Critique the role of the Christian church in molding western thought and law, as well as instances when other regional world-views were adopted, embraced, or discarded by the church.

- **Historical and Existential Awareness**
  - Apply examples from the social sciences of heroic actions, humility, and grace.

Major

History and Political Thought: Bachelor of Arts Degree

38 Units

Core: (23 Units)

HST 226: United States History ................................................................. 3
HST 332: Ancient Greece and Rome .......................................................... 3
HST 334: Medieval History ................................................................. 3
HST 336: The Renaissance and the Reformation .................................................. 3

Choose 1 of the following: (3 units)

- POL 321: Political Thought 1: Ancient to Early Modern .................. 3
- POL 322: Political Thought 2: The Enlightenment to Present ............. 3

Language requirement:

- LAT 101: Fundamentals of Latin 1* .................................................. 4
- LAT 102: Fundamentals of Latin 2* .................................................. 4
* With approval from the department chair and dean of the school, a world language other than Lat 101 and 102 may be substituted.

Choose 5 of the following courses: (15 units)

- HST 321: A History of Popular Culture ................................................................. 3
- HST 338: Modern European History ..................................................................... 3
- HST 341: Early Modern England .......................................................................... 3
- HST 361: History of Propaganda and Persuasion ............................................... 3
- HST 371: Islamic Civilization ............................................................................. 3
- HST 410: Mythology, Philosophy, and Theology ................................................ 3
- HST/POL 412: Origins of the American Political System .................................. 3
- HST 416: Contemporary Global Issues* ............................................................ 3
- HST 437: The Great Cities* .............................................................................. 3
- HST 451: The Enlightenment ........................................................................... 3
- HST 491: Advanced Topics in Social History* .................................................... 3
- POL 304: International Relations ...................................................................... 3
- POL 312: Constitutional Law ........................................................................... 3
- POL 413: Religion and Politics in America ......................................................... 3
- HST 431: Women's History ................................................................................ 3
- HST 478: History of California ........................................................................... 3
- POL 490: Internship: Political Thought ............................................................. 1-8

* Classes may be taken twice for a maximum of 6 units.

Minors

18 Units

American Studies

- HST 226: United States History ........................................................................ 3
- HST 321: A History of Popular Culture ................................................................. 3
- POL 413: Religion and Politics in America .......................................................... 3
- SOC 316: Ethnic and Minority Relations ............................................................ 3

Choose 2 of the following courses: (6 units)

- ENG 341: American Literature 1 ........................................................................ 3
- ENG 342: American Literature 2 ........................................................................ 3
- ENG 441: Major American Writers .................................................................... 3
- HST/POL 412: Origins of the American Political System .................................. 3

History

Choose 6 of the following courses: (18 units)

- HST 321: A History of Popular Culture ................................................................. 3
- HST 332: Ancient Greece and Rome ................................................................... 3
- HST 334: Medieval History ................................................................................ 3
- HST 336: The Renaissance and the Reformation ............................................... 3
- HST 338: Modern European History .................................................................. 3
- HST 361: History of Propaganda and Persuasion ............................................... 3
- HST 371: Islamic Civilization ............................................................................. 3
- HST 410: Mythology, Philosophy, and Theology ................................................ 3
- HST/POL 412: Origins of the American Political System .................................. 3
- HST 431: Women's History ................................................................................ 3
- HST 451: The Enlightenment ........................................................................... 3
- HST 491: Advanced Topics in Social History .................................................... 3
Pre-Law Program

Director: Dr. Daniel van Voorhis

Completing a specific program is not a requirement for graduation.

The Pre-Law program is designed to assist students who have an interest in pursuing a legal career with planning their coursework, arranging legal apprenticeships, and preparing for the Law School Admissions Test (LSAT).

All law schools require that applicants have a bachelor’s degree but most do not specify a certain major, minor, or program of study. Schools stress breadth of preparation rather than narrow a focus on one or two areas of study and they strongly urge applicants to have a wide range of involvement in campus activities from athletics to music to student government.

Law schools expect a high undergraduate GPA and value volunteer or apprentice work in a law office. All applicants are required to submit their LSAT scores when they apply; most having taken the test late in their junior year and applying and interviewing during their final undergraduate year.

A. General Education: (54-55 Units)

Normally completed during the first two (2) years of attendance (See here for requirements).

B. Major Requirements:

Completion of any approved major.

C. Program Requirements:

No specific courses required, but students should select courses from a variety of fields that will best prepare them for the Law School Admission Test (LSAT) toward the end of their junior year.

D. Additional Information:

Students are advised to take additional writing and speaking courses, possess basic computer skills, become involved in on-campus activities, and volunteer and/or work in a law firm.

Department of International Studies

Chair: Dr. P. Dan Waite

The International Studies department equips students to learn, serve, and lead in roles that require a holistic understanding of the interdependent and cross-cultural complexities of a globalized world. Our interdisciplinary approach draws on diverse fields including anthropology, sociology, literature, arts, communications, economics, history, and theology. With an emphasis on preparing students to lead with humility and work for truth, peace, and justice across cultures, the department integrates the liberal arts with a praxis and community-based approach to learning focused on language acquisition, experiential learning, and field-based research. Students in the department’s major choose an emphasis in Global Literature and Arts, International Development, International Relations,
or Missiology and are required to engage in between 1-4 semesters of off-campus study in one of CUI’s study abroad programs.

**Program Learning Outcomes**
- Analyze diverse sources of information about global issues of historic and contemporary significance.
- Articulate focused, persuasive, and original arguments about globally significant issues in oral and written form.
- Demonstrate proficiency in cross-cultural communication and in a specific modern language.
- Creatively design and complete a research project exploring a global issue that synthesizes theories from at least two disciplines and is complemented by a nuanced understanding of that issue drawn from evidence gathered in a cross-cultural, field-based setting.
- Articulate a personal vocational mission that reflects an informed and ethical approach to solving complex human problems in global and cross-cultural settings.

**Major**
**International Studies:**
**Bachelor of Arts Degree**
**46-49 Units**

ANT 241: (Field) Anthropology for Travelers ......................................................... 3
COM 324: Intercultural Communication .................................................................. 3
ECO 221: History of Economic Thought ............................................................... 3
ENG 382: Postcolonial Literature ........................................................................... 3
HST 416: Contemporary Global Issues .................................................................. 3
GCS 495: Senior Capstone ................................................................................... 3
SOC 365: Sociology of Globalization ..................................................................... 3

**World Language** (14 units)
NOTE: Greek, Hebrew, and Latin may not be used to fulfill this requirement.
- Language 1 ... 4 units
- Language 2 ... 4 units
- Intermediate Language 1 .... 3 units
- Intermediate Language 2 .... 3 units

**Study Abroad Courses (see note below)** (12 units)
NOTE: A minimum of twelve (12) units to be taken at one of Concordia University Irvine’s approved international partner institutions. These units will include courses that meet the requirements in World Language and chosen emphasis *with prior approval*. Up to six (6) of these units may be electives.

**Emphasis:** (15-16 Units)
Choose 1 of the following emphases:

**Global Literature and Art**
*Choose 5 of the following courses: (15 units)*
- ART 311: Art History 1 ..........................................................3
- ART 312: Art History 2 ..........................................................3
- ENG 389: Film as Literature ..............................................................3
- MUS 451: Music Cultures of the World: Emerging Nations ................3
- MUS 452: Music Cultures of the World: The Silk Road .......................3
- THR 441: Theatre and Culture 1 ..............................................3
International Development

Choose 5 of the following courses: (15 units)

- BUS 201: Introduction to Management, Marketing, and Information Technology ......................................................... 3
- ECO 323: Money and Financial Markets ......................................................................................................................... 3
- ECO 428: Economic Analysis of Public Policy .................................................................................................................. 3
- MGT 321: Management ...................................................................................................................................................... 3
- MGT 323: Global Enterprise ................................................................................................................................................ 3
- MGT 326: New Ventures and Entrepreneurship .................................................................................................................. 3
- MKT 341: Marketing .......................................................................................................................................................... 3
- MKT 445: International Marketing ...................................................................................................................................... 3

International Relations

Choose 5 of the following courses: (15 units)

- HST 338: Modern European History ................................................................................................................................. 3
- HST 361: History of Propaganda and Persuasion .................................................................................................................. 3
- HST 437: The Great Cities .................................................................................................................................................. 3
- HST 491: Advanced Topics in Social History ...................................................................................................................... 3
- POL 304: International Relations ......................................................................................................................................... 3
- POL 322: Political Thought 2: The Enlightenment to Present ............................................................................................ 3
- HST/POL 412: Origins of the American Political System ................................................................................................. 3

Missiology

ANT 435: Anthropology of Religion ........................................................................................................................................ 3
THL 222: Christian Witness and Evangelism .......................................................................................................................... 1
THL 321: World Religions ..................................................................................................................................................... 3
THL 429: Biblical Theology and Exegesis ............................................................................................................................... 3
THL 430: Christian Apologetics ............................................................................................................................................... 3
THL 481: The Mission of Christ’s Church ............................................................................................................................... 3

Minor

Global Cultural Studies

18 Units

Students wishing to take the Global Cultural Studies minor must apply for, be fully accepted, and be planning to participate in the Around-the-World (ATW) semester.

- ENG 386: Postmodern Novel .................................................................................................................................................. 3
- ENG 392: Epic Literature ......................................................................................................................................................... 3
- GCS 201: Global Cultural Studies ......................................................................................................................................... 1
- GCS 202: Understanding Other Cultures Anthropologically ........................................................................................... 1
- GCS 203: Cross-Cultural Communication Awareness .................................................................................................. 1
- GCS 301: Foundations of Language ................................................................................................................................... 4
- GCS 302: Service Learning Practicum ................................................................................................................................ 2
- WRT 330: Travel Writing ....................................................................................................................................................... 3

Choose 1 of the following courses: (3-4 units)

- ANT 210: Cultural Anthropology ........................................................................................................................................... 3
- ART 111: Experiences in Art .................................................................................................................................................... 3
- MUS 111: Experiences in Music ............................................................................................................................................. 3
- SCI 115: Physical Science: Introduction to Chemistry and Physics ....................................................................................... 4
- THR 111: Experiences in Theatre ........................................................................................................................................... 3
Division of Mathematics, Natural Science, and Exercise and Sport Science

Chair: Dr. Terry Olson

The famous scientist and mathematician, Galileo Galilei, once wrote, “I do not feel obliged to believe that the same God who has endowed us with sense, reason, and intellect has intended us to forgo their use…” (Letter to Grand Duchess Christina, 1615). Do you feel the same way? Are you looking for an area of study that will continually stretch your senses, reason, and intellect? Then welcome to the Division of Mathematics, Natural Science, and Exercise and Sport Science at Concordia University Irvine!

The division houses the biology, chemistry, exercise and sport science, physics, and mathematics majors as well as the Athletic Training and pre-health sciences programs, working to investigate the world from the very small to the very large, from life itself to the logic and laws that order that world.

Concordia is built upon the Lutheran understanding of the Holy Scriptures but will expect you to know the world of science and its methodologies as well as anyone else. While not necessarily finding theological elements within each and every area of mathematics and science, we will endeavor to use our God-given skills and reason to further our understanding of His world and serve His people through the use of those gifts.

You will be challenged to stretch your intellect and to see the complexity of the world within your classes. We will investigate the richness of the sciences and learn about the foundations of what we know, and what we don’t know. None of this will be “easy”, but it will be rewarding and uplifting!

The mathematician David Hilbert is said to have uttered once (when told that a student had dropped mathematics to go into poetry), “Good! He did not have enough creativity to stay in mathematics anyway.” So, we invite you who are creative enough to handle the world of sciences and mathematics to join us here at Concordia University Irvine!

Department of Biology

Chair: Dr. Roderick Soper

The study of Biology endeavors to develop students’ numerical and analytical abilities enabling them to investigate, formulate, analyze and articulate solutions to scientific, environmental, and health problems within the disciplines of biology and other sciences.

Program Learning Outcomes

- Demonstrate competency in written and oral communication.
- Demonstrate competency of content in genetics and cell, molecular, and organismal biology.
- Apply appropriate mathematical and statistical analysis to data.
- Read, analyze, and critique primary scientific literature.
- Demonstrate competency in basic scientific laboratory techniques.
- Articulate a Christian worldview from a Lutheran perspective on various scientific topics.

Majors

Biology:

Bachelor of Arts Degree

50 Units
Core: 27 Units

BIO 111: General Biology 1 ................................................................. 4
BIO 112: General Biology 2 ................................................................. 4
BIO 496: Research in Biology .............................................................. 4
CHE 222: General Chemistry 2 .......................................................... 4
SCI 455: History and Philosophy of Science ....................................... 3
SCI 495: Research Methods ............................................................... 1
SCI 499: Senior Thesis ................................................................. 1

Choose 1 of the following courses: (4 units)
- BIO 345: Evolutionary Zoology ..................................................... 4
- BIO 350: Molecular and Cellular Biology ..................................... 4
- BIO 351: General Microbiology .................................................. 4

Choose 1 of the following courses: (4 units)
- BIO 308: Molecular Genetics ...................................................... 4
- BIO 309: Population Genetics ...................................................... 4

Electives:
Choose a minimum of 23 units from the following courses: (23 units)

BIO 246: Human Anatomy and Physiology 1 ................................... 4
BIO 247: Human Anatomy and Physiology 2 ................................... 4
BIO 317: Ecology ........................................................................... 4
BIO 331: Marine Biology ............................................................... 4
BIO 341: Plant Biology .................................................................. 4
BIO 355: Biostatistics .................................................................... 3
BIO 361: Field Biology Techniques .............................................. 3
CHE 321: Organic Chemistry 1 ...................................................... 4
CHE 322: Organic Chemistry 2 ...................................................... 4
CHE 421: Introduction to Biochemistry ........................................... 4
MTH 265: Introduction to Statistics ................................................. 3
PHI 467: Bioethics for Health Care ................................................. 3
SCI 301: Earth Science ................................................................... 3
SCI 318: Ocean Science ............................................................... 4

NOTE: Students who select the Bachelor of Arts Biology major must take CHE 221 in general education.

Bachelor of Science Degree

71 Units

Core: 51 units

BIO 111: General Biology 1 ................................................................. 4
BIO 112: General Biology 2 ................................................................. 4
BIO 355: Biostatistics ................................................................. 3
BIO 496: Research in Biology .......................................................... 2
BIO 499: Senior Thesis ................................................................. 1
CHE 222: Chemistry 2 ................................................................. 4
CHE 321: Organic Chemistry 1 ...................................................... 4
CHE 322: Organic Chemistry 2 ...................................................... 4
MTH 272: Calculus 2 ..................................................................... 5
SCI 455: History and Philosophy of Science ................................... 3
SCI 495: Research Methods ........................................................... 1

Choose 1 of the following courses: (4 units)

BIO 247: Human Anatomy and Physiology 1 ................................... 4
BIO 247: Human Anatomy and Physiology 2 ................................... 4
BIO 317: Ecology ........................................................................... 4
BIO 331: Marine Biology ............................................................... 4
BIO 341: Plant Biology .................................................................. 4
BIO 355: Biostatistics .................................................................... 3
BIO 361: Field Biology Techniques .............................................. 3
CHE 321: Organic Chemistry 1 ...................................................... 4
CHE 322: Organic Chemistry 2 ...................................................... 4
CHE 421: Introduction to Biochemistry ........................................... 4
MTH 265: Introduction to Statistics ................................................. 3
PHI 467: Bioethics for Health Care ................................................. 3
SCI 301: Earth Science ................................................................... 3
SCI 318: Ocean Science ............................................................... 4

NOTE: Students who select the Bachelor of Arts Biology major must take CHE 221 in general education.
Choose 1 of the following courses: (4 units)
- BIO 111: General Biology 1 ........................................... 4
- BIO 112: General Biology 2 ........................................... 4

Choose 1 of the following course pairings: (8 units)
- PHY 211: Physics 1 ....................................................... 4
- PHY 212: Physics 2 ....................................................... 4
- OR
- PHY 221: Calculus Based Physics 1 ................................. 4
- PHY 222: Calculus Based Physics 2 ................................. 4

Electives:
Choose a minimum of 20 units from the following courses:
- BIO 246: Human Anatomy and Physiology 1 ........................... 4
- BIO 247: Human Anatomy and Physiology 2 ........................... 4
- BIO 317: Ecology ......................................................... 4
- BIO 331: Marine Biology ................................................. 4
- BIO 341: Plant Biology .................................................... 4
- BIO 361: Field Biology Techniques ..................................... 3
- CHE 421: Introduction to Biochemistry .................................. 4
- MTH 265: Introduction to Statistics ...................................... 3
- PHI 467: Bioethics for Health Care ....................................... 3
- SCI 301: Earth Science .................................................. 3
- SCI 318: Ocean Science ................................................ 4

NOTE: Students who select the Bachelor of Science Biology major must take CHE 221 and MTH 271 in general education.

Minor
Biology
22-24 units

BIO 111: General Biology 1 .................................................. 4
BIO 112: General Biology 2 .................................................. 4

Choose 4 of the following courses: (14-16 units)
- BIO 246: Human Anatomy and Physiology 1 ........................... 4
- BIO 247: Human Anatomy and Physiology 2 ........................... 4
- BIO 308: Genetics ......................................................... 4
- BIO 317: Ecology ......................................................... 3
- BIO 341: Plant Biology .................................................... 4
- BIO 345: Evolutionary Zoology .......................................... 4
- BIO 350: Molecular and Cellular Biology ............................... 4
- BIO 351: General Microbiology ......................................... 4
- BIO 496: Research in Biology .......................................... 4
- SCI 455: History and Philosophy of Science .......................... 3

Biology Programs
Completing a specific program is not a requirement for graduation.

Pre-nursing Program
The Pre-nursing program is intended to prepare students for entrance into a nursing program. As entrance requirements vary from school to school, students should explore the specific requirements at the school they plan to attend. Completion of the program is not a requirement for graduation.

A. General Education: (55-57 Units)
   Complete the general education (including CHE 221, COM 111, PSY 101, and ANT 210 or SOC 101) and graduation requirements as described in this General Catalog.

B. Major Requirement:
   If a major other than biology is chosen, it is suggested that the Pre-nursing program additional course requirements (section C) be completed so the student is better prepared for most nursing programs. Those courses not part of the biology major are recommended. If the biology major (B.A. or B.S.) is selected, students should take the following courses as part of the major: BIO 246, 247, 351, and MTH 265. In addition to the biology major (B.A. or B.S.) students should take the following courses: ESS 406 and PSY 320.

C. Additional Course Requirements: (32 Units)
   Courses generally required if biology is not the selected major:
   BIO 111: General Biology 1 ................................................................. 4
   BIO 246: Human Anatomy and Physiology 1 .................................................. 4
   BIO 247: Human Anatomy and Physiology 2 .................................................. 4
   BIO 351: General Microbiology ................................................................. 4
   CHE 371: Chemistry for Healthcare and Nursing ....................................... 4
   ESS 406: Physiology of Exercise ............................................................. 3
   MTH 265: Introduction to Statistics ......................................................... 3
   PSY 101: Introduction to Psychology ....................................................... 3
   PSY 320: Developmental Psychology: Lifespan ....................................... 3

D. Additional Information:
   The requirements listed above are for Concordia’s Second Degree Accelerated BSN. Requirements may vary from program to program.

Medical Science Professions Program
Director: Prof. Scott Gaines

A. General Education: (54-55 Units)
   It is recommended that students take CHE 221 and PSY 101 in their general education (See here for requirements).

B. Major Requirement:
   Completion of any approved major. A student planning to enter medical, dental, veterinary, chiropractic, physician assistant, or nursing school is not required to complete biology major. If a major other than biology is completed, it is suggested that the student complete the Medical Science Professions Program requirements. This will prepare the student for taking the Medical College Admissions Test (MCAT), Dental Admissions Test (DAT), or Graduate Record Exam (GRE) – Biology.

C. Additional Course Requirements: (73 Units)
   NOTE: 17 units over a Bachelor of Arts degree, biology major.
   BIO 111: General Biology 1 ........................................................................ 4
D. Recommended Courses:

ESS 306: Nutrition .......................................................... 3
ESS 310: General Medicine and Pharmacology .................. 3
PSY 320: Developmental Psychology: Lifespan ............... 3
WRT 329: Creative Nonfiction ........................................ 3

NOTE: Taking PSY 361 and developmental psychology course is recommended. ESS 306 and PSY 320 are recommended for those planning on nursing.

E. Additional Information:

As medical science schools look at experience in addition to grade point average (GPA) and Medical College Admission Test (MCAT) Dental Admission Test (DAT) and Graduate Record Exam (GRE) scores, students should pursue jobs or volunteer work in the medical field prior to making medical school application.

Maintenance of a high GPA is imperative. Students enrolling with a GPA lower than probationary status will be removed from the Medical Science Professions Program and refused enrollment in upper level science courses until reaching junior or senior status.

Pre-Physical Therapy Program

Directors, Dr. Vance Tammen and Prof. Scott Gaines

The Pre-Physical Therapy program is intended to prepare students for entrance into a doctorate in physical therapy (DPT) program. As entrance requirements vary from school to school, students should explore the specific requirements at the school they plan to attend. It should be noted that completing a specific program is not a requirement for graduation.

A. General Education: (55-57 Units)

Complete the general education and graduation requirements as described in this General Catalog.

B. Major Requirement:

Completion of any approved major, normally biology or ESS major is suggested. Graduate physical therapy programs (either a masters or doctorate degree in physical therapy) do not require completion of the biology
major. If a major other than biology is chosen, it is suggested that the Pre-physical Therapy Program requirements be completed so the student is better prepared for most graduate programs.

C. Additional Course Requirements: (49 Units)

NOTE: 14 units over a biology major.

CHE 221 and PSY 101 should be taken in general education.

BIO 111: General Biology 1 ............................................................................................................... 4
BIO 112: General Biology 2 ............................................................................................................... 4
BIO 246: Human Anatomy and Physiology 1 ............................................................................... 4
BIO 247: Human Anatomy and Physiology 2 ............................................................................... 4
CHE 221: Chemistry 1 ..................................................................................................................... 4
CHE 222: Chemistry 2 ..................................................................................................................... 4
ESS 406: Physiology of Exercise .................................................................................................... 3
MTH 265: Introduction to Statistics ............................................................................................... 3
PHY 211: Physics 1 ......................................................................................................................... 4
PHY 212: Physics 2 ......................................................................................................................... 4
PSY 101: Introduction to Psychology ............................................................................................ 3
PSY 315: Developmental Psychology: Adolescence ................................................................. 3
OR PSY 315: Developmental Psychology: Adulthood and Aging .............................................. 3
OR PSY 361: Abnormal Psychology ............................................................................................ 3
SCI 390: Practicum: Science ......................................................................................................... 2

NOTE: Bio 111, 112, 246, 247, 351 (listed below), CHE 221, 222, 321 (listed below), ESS 406, PHY 211, and PHY 212 will be taken for a biology major.

D. Recommended Courses:

BIO 351: General Microbiology ..................................................................................................... 4
CHE 321: Organic Chemistry 1 ..................................................................................................... 4
ESS 407: Kinesiology .................................................................................................................... 3
PSY 314: Developmental Psychology: Adolescence ................................................................... 3
OR PSY 315: Developmental Psychology: Adulthood and Aging .............................................. 3
OR PSY 361: Abnormal Psychology ............................................................................................ 3
Medical Terminology .................................................................................................................. 1-2

NOTE: Taking PSY 361 and 1 developmental psychology course is recommended.

E. Additional Information:

Most graduate schools look at experience in the physical therapy field in addition to grade point average (GPA) and Graduate Record Exam (GRE) scores. For example, 50-75 observation or employment hours in two-three different areas of clinical practice are required by some programs prior to admission. Therefore, students should actively pursue jobs or volunteer work beginning in their freshman or sophomore year. These hours can be applied towards SCI 390. Also, additional upper division biology, chemistry, psychology, and ESS courses (such as Bio 308, Bio 350, ESS 304, ESS 310, ESS 358, ESS 368, and PSY 340) are recommended to give students an opportunity to further strengthen their application.

Department of Chemistry, Physics, General Science

Chair: Dr. Lindsay Kane-Barnese

The study of chemistry endeavors to develop students who possess high-level numerical, computational, experimental, and analytical abilities seeking to prepare students to formulate, investigate, analyze, and articulate solutions to major scientific, technological, environmental, and health problems in chemical context. In concert with the Great Commission, the study of chemistry embraces the idea that its curricula should actively encourage
and prepare students to develop theologically sound and scientifically solid connections between the Christian faith and the discipline.

**Program Learning Outcomes**

- **Chemical Knowledge**
  - Describe and utilize key facts and concepts in chemistry.

- **Literature Awareness**
  - Read and critique peer-reviewed scientific literature.

- **Scientific Method**
  - Apply scientific methods to investigate, formulate, analyze, and solve problems involving chemistry.

- **Problem Solving**
  - Articulate and validate strategies and processes necessary to solve numerical and logical problems.

- **Chemistry Writing**
  - Construct a written cogent and logical scientific argument that adheres to an appropriate scientific style.

- **Articulate Chemistry Concepts**
  - Use multiple tools (e.g., graphs, numerical data, and mathematical/symbolic notation) to represent chemical ideas.

- **Chemistry Presentation**
  - Give a succinct oral presentation on a topic in chemistry.

- **Faith-Science Integration**
  - Identify and develop theologically sound and scientifically rigorous connections between the Christian faith and chemistry.

- **Community Service**
  - Collaborate on chemistry-themed, community service projects.

**Majors**

**Chemistry:**

**Bachelor of Arts Degree**

50 Units

**Core: (37 Units)**

- CHE 222: Chemistry 2 ................................................................. 4
- CHE 321: Organic Chemistry 1 ......................................................... 4
- CHE 322: Organic Chemistry 2 ......................................................... 4
- CHE 354: Inorganic Chemistry ......................................................... 4
- CHE 421: Introduction to Biochemistry ............................................... 4
- CHE 424: Analytical Chemistry ......................................................... 4
- CHE 431: Physical Chemistry 1 ......................................................... 4
- MTH 271: Calculus 1 ................................................................ 5
- PHY 211: Physics 1 ................................................................ 4
- OR PHY 221: Calculus-based Physics 1 ........................................ 4

**NOTE:** Students who select the chemistry major must take Che 221 in general education.

**Emphasis: (13 Units)**

Choose 1 of the following emphases:

**Chemical Research**

- CHE 418: Molecular Spectroscopy ........................................ 4
- CHE 432: Physical Chemistry 2 ........................................ 4
The physics major strongly encourages dialog and scholarly interaction with mathematics, the other natural sciences, and theology. All physics majors must carry out a faculty-approved independent research project involving physics as a part of their degree requirements and is designed to produce graduates who are equipped intellectually and experientially to excel in graduate and professional degree programs in the sciences and/or in the scientific/technical workplace.

**Pre-Medical**
- BIO 350: Molecular and Cellular Biology ................................................................. 4
- CHE 432: Physical Chemistry 2 .................................................................................. 4
- CHE 496: Research in Chemistry .............................................................................. 2
- ESS 306: Nutritional Sciences .................................................................................. 3

**Secondary Teacher Education**
- CHE 401: Chemical Education for the Secondary Teacher .................................. 3
- MTH 265: Introduction to Statistics ........................................................................ 3
- PHY 212: Physics 2 .................................................................................................. 4
- OR PHY 222: Calculus-based Physics 2 .................................................................. 4
- SCI 455: History and Philosophy of Science ............................................................ 3

**Physics:**
**Bachelor of Science Degree**
**65-67 Units**

The physics major strongly encourages dialog and scholarly interaction with mathematics, the other natural sciences, and theology. All physics majors must carry out a faculty-approved independent research project involving physics as a part of their degree requirements and is designed to produce graduates who are equipped intellectually and experientially to excel in graduate and professional degree programs in the sciences and/or in the scientific/technical workplace.

- CHE 222: Chemistry 2 ............................................................................................. 4
- MTH 271: Calculus 1 ............................................................................................... 5
- MTH 272: Calculus 2 ............................................................................................... 5
- MTH 373: Calculus 3 ............................................................................................... 4
- PHY 231: Astronomy 1 ............................................................................................ 3
- OR PHY 232: Astronomy 2 .................................................................................... 4
- PHY 221: Calculus-based Physics 1 ........................................................................ 4
- PHY 222: Calculus-based Physics 2 ........................................................................ 4
- PHY 311: Modern Physics ...................................................................................... 4
- PHY 315: Electronics 1: Analog Electronics ............................................................ 3
- PHY 316: Electronics 2: Digital Electronics/Device Programming ....................... 3
- PHY 325: Scientific Equipment Design and Fabrication ........................................ 3
- PHY 340: Optics ..................................................................................................... 4
- PHY 350: Mechanics ............................................................................................... 4
- PHY 405: Mathematical and Computational Physics ............................................. 3
- PHY 410: Electrodynamics ..................................................................................... 3
- PHY 420: Quantum Mechanics ............................................................................. 3
- PHY 425: Thermodynamics ................................................................................... 3
- PHY 496: Research in Physics ................................................................................ 2-4

*Choose 2 of the following courses: (6-8 units)*
- PHY 231: Astronomy 1 ............................................................................................ 3
- OR PHY 232: Astronomy 2 .................................................................................... 4
- PHY 435: Solid State Physics and Chemistry ......................................................... 3
- PHY 445: Advanced Topics in Physics .................................................................. 3
- PHY 455: Relativity and Cosmology ..................................................................... 3
- PHY 465: Advanced Astronomy .......................................................................... 4
- PHY 475: Medical Imaging Physics ........................................................................ 4
Minor
Chemistry
22-24 Units

Core:
CHE 222: Chemistry 2 ................................................................................................................................. 4
CHE 321: Organic Chemistry 1 .................................................................................................................. 4
CHE 421: Introduction to Biochemistry ..................................................................................................... 4
CHE 424: Analytical Chemistry .................................................................................................................. 4

Choose 6 units from the following courses: (6 units)
CHE 322: Organic Chemistry 2 .................................................................................................................. 4
CHE 354: Inorganic Chemistry ................................................................................................................... 4
CHE 418: Molecular Spectroscopy ............................................................................................................. 4
CHE 431: Physical Chemistry 1 .................................................................................................................. 4
CHE 496: Research in Chemistry (SCI 495 must be taken prior to taking this course) ......................... 2
CHE 499: Senior Thesis ............................................................................................................................... 1
SCI 495: Research Methods .......................................................................................................................... 1

Department of Exercise and Sport Science
Chair: Dr. Terry Olson

The goal of the Exercise and Sport Science department is to develop student’s cognitive, affective, and psychomotor abilities as preparation for a lifetime of learning. The division presents conceptual and applied content that includes exercise science and wellness and sport science and physical education.

Program Learning Outcomes

- **Skill in Scholarship**
  - Articulate, apply, and analyze scholarly resources to integrate best practices in the discipline.

- **Critical Thinking**
  - Recognize and evaluate current conditions and practices in the discipline to formulate, create, and implement an appropriate response.

- **Professional and Interpersonal Communication**
  - Demonstrate effective written and oral communication skills.

- **Balanced Lifestyle**
  - Articulate and develop healthy lifestyle choices and practices.

- **Concern for All People**
  - Demonstrate respect for peoples of diverse backgrounds, experiences, and needs.

- **Beauty in Movement**
  - Discern and shape affective responses to movement and sport.

- **Profession and Service Attitude**
  - Seek opportunities to serve the community though vocation.

Majors
Athletic Training:
Bachelor of Science Degree
63 Units

BIO 246: Human Anatomy and Physiology 1 .................................................................................................. 4
Exercise and Sport Science:  
Bachelor of Arts Degree  
46-50 Units

Core: (29 Units)  
BIO 246: Human Anatomy and Physiology 1 ..................................................................................................................... 4  
BIO 247: Human Anatomy and Physiology 2 ..................................................................................................................... 4  
ESS 304: Motor Learning and Control ............................................................................................................................... 3  
ESS 320: Historical, Social, Cultural Foundations of Sport/PE .......................................................................................... 3  
ESS 365: Sport Psychology ............................................................................................................................................... 3  
ESS 406: Physiology of Exercise ................................................................................................................................... 4  
ESS 407: Kinesiology ......................................................................................................................................................... 4  
ESS 410: Measurement and Evaluation of Exercise ........................................................................................................... 4  
ESS 428: Athletic Training Administration ..................................................................................................................... 3

Emphasis: (17-21 Units)  
Choose 1 of the following emphases:

Exercise Science and Wellness: (17 units)  
ESS 225: Principles of Weight Training and Cross Training ............................................................................................... 3  
ESS 306: Nutritional Sciences ............................................................................................................................................... 3  
ESS 307: Functional Exercise Older Adult .......................................................................................................................... 3  
ESS 325: Advanced Personal Training .................................................................................................................................... 4  
ESS 344: Group Fitness Activities ........................................................................................................................................... 3  
ESS 393: Practicum: Exercise Science .................................................................................................................................... 1  

Sport Science and Physical Education: (21 units)  
ESS 344: Group Fitness Activities ........................................................................................................................................... 2  
ESS 346: Adventure Activities ............................................................................................................................................... 2  
ESS 355: Individual Activities ................................................................................................................................................. 2
Exercise and Sport Science:
Bachelor of Science Degree

56-57 Units

Core: 36 Units

BIO 246: Human Anatomy and Physiology 1 ................................................................. 4
BIO 247: Human Anatomy and Physiology 2 ................................................................. 4
ESS 304: Motor Learning and Control ........................................................................ 3
ESS 305: Motor Development ...................................................................................... 3
ESS 320: Historical, Social, Cultural Foundations of Sport/PE .................................. 3
ESS 365: Sport Psychology ......................................................................................... 3
ESS 403: Biomechanics .............................................................................................. 4
ESS 406: Physiology of Exercise ................................................................................ 4
ESS 407: Kinesiology ................................................................................................ 4
ESS 410: Measurement and Evaluation of Exercise ................................................... 4

Emphasis: 20-21 Units

Choose 1 of the following emphases:

Kinesiology: (20 units)

ESS 306: Nutritional Science .................................................................................... 3
ESS 307: Functional Exercise for the Older Adult ...................................................... 3
ESS 325: Exercise Testing and Prescription ............................................................... 3
ESS 364: Exercise Psychology .................................................................................. 3
ESS 405: Advanced Exercise Physiology ................................................................. 4
ESS 409: Research in Kinesiology ......................................................................... 4

Pre-physical Therapy and Allied Health: (21 units)

ESS 308: Care and Prevention of Athletic Injuries .................................................... 3
ESS 348: Recognizing and Evaluating Athletic Injuries 1 .......................................... 3
ESS 349: Recognizing and Evaluating Athletic Injuries 2 .......................................... 3
ESS 358: Therapeutic Exercise .................................................................................. 3
ESS 368: Therapeutic Modalities ............................................................................. 3

Choose 2 of the following courses (Pre-Physical Therapy, Pre-Occupational Therapy, Cardiac Rehabilitation, Gerontology, Pre-nursing): (6 units)

ESS 306: Nutritional Sciences ................................................................................ 3
ESS 307: Functional Exercise Older Adult ............................................................... 3
ESS 310: General Medicine and Pharmacology ...................................................... 3
ESS 364: Exercise Psychology ................................................................................ 3
ESS 395: Practicum: Rehabilitation ................................................................... 3

Choose 2 of the following courses plus 1 practicum course: (7 units)

ESS 225: Principles of Weight and Cross Training ................................................. 3
ESS 306: Nutritional Sciences ................................................................................ 3
ESS 340: Elementary Physical Education ............................................................... 3
ESS 360: Principles of Coaching ............................................................................. 3
ESS 394: Practicum: Coaching ............................................................................. 1
ESS 395: Practicum: Rehabilitation .................................................................... 1
Prerequisite courses for professional degrees vary by institution. Courses may include BIO 111, BIO 112, CHE 221, CHE 222, PHY 211, PHY 212, PSY (depending on doctoral program chosen) (6 units). See Department of Chemistry, Physics, and General Sciences Pre-physical Therapy Program.

Minors

Coaching
18 Units

ESS 304: Motor Learning and Control .................................................................3
ESS 320: Historical, Social, Cultural Foundations of Sport/PE ... ........................................3
ESS 360: Principles of Coaching .........................................................................3

Choose 3 courses from the following: (9 units)
ESS 225: Principles of Weight Training and Cross Training ........................................3
ESS 306: Nutritional Sciences ...........................................................................3
ESS 308: Care and Prevention of Athletic Injuries .................................................3
ESS 350: Sport Law .............................................................................................3
ESS 365: Sport Psychology ..................................................................................3
ESS 394: Practicum: ESS Coaching ....................................................................3

Exercise Science
18 Units

ESS 225: Principles of Weight Training and Cross Training ........................................3
ESS 304: Motor Learning and Control ..................................................................3
ESS 320: Historical, Social, Cultural Foundations of Sport/PE ... ................................3
ESS 325: Advanced Personal Training ..................................................................3

Choose 2 courses from the following: (6 units)
ESS 222: Organization and Management of Sport ...............................................3
ESS 306: Nutritional Sciences ...........................................................................3
ESS 350: Sport Law .............................................................................................3
ESS 365: Sport Psychology ..................................................................................3
ESS 393: Practicum: ESS Exercise Science .........................................................3

Physical Education
18 Units

ESS 303: Health Education ................................................................................3
ESS 304: Motor Learning and Control ..................................................................3
ESS 320: Historical, Social, Cultural Foundations of Sport and P.E. .......................3
ESS 376: Physical Education Management ..........................................................3

Choose 2 courses from the following: (6 units)
ESS 340: Elementary Physical Education ............................................................3
ESS 355: Individual Activities .............................................................................3
ESS 357: Team Activities ....................................................................................3
ESS 370: Adaptive Physical Education ...............................................................3
ESS 392: Practicum: ESS Teacher Education ......................................................3

Athletic Training Program
Director: Dr. Cliff Pawley
Clinical Education Coordinator: Dr. Jennifer Rizzo

Admission Criteria
The **Athletic Training (AT) program** is a selective admissions program which culminates in a Bachelor of Science degree. After completing the observation phase, students will have the opportunity to apply to the AT Program. Students are admitted to the program on an annual basis at the end of each academic school year. Once accepted, students begin the professional phase of the program the following Fall semester.

All application materials must be turned in to the program chair by April 1. Contact the program chair for application information and materials.

**Program Requirements**
The following criteria are considered of all applicants. Applicants are rated and ranked in accordance with the following criteria (due to the nature of admittance, points are given and compared with other applicants). Acceptance is based on the following:

1. Application
2. Unofficial transcripts
3. Technical standards
4. CPR (cardiac pulmonary resuscitation) certification, professional rescuer or equivalent
5. Immunization records including Hepatitis B acceptance or declination
6. Physical examination

Admission to the AT Program is based on a competitive system admissions process. Due to the nature of admittance, all applicants are rated and ranked in accordance with the listed criteria, given points, and compared with other applicants. Acceptance is based on the following:

1. Weighted total of three (3) personal references: professional, academic, and spiritual
2. Overall GPA (minimum of 2.75 [on a 4.0 scale] for unconditional admission)
3. GPA in prerequisite coursework
4. ACT score or PSAT (Preliminary scholastic Aptitude Test) equivalent
5. Personal interview

**Transfer Student Policy**
Students who transfer from another institution must follow Concordia University's (CUI) regulations and policies regarding academic transfer and course credit substitution. The university's AT Program requires that all prerequisites are completed and the student is accepted into CUI prior to submitting the AT Program application. When prerequisites are satisfied, a transfer student must follow the normal six (6)-semester coursework and clinical track, beginning with ESS 338, *Beginning Clinical Coursework 1*. No course substitutions will be accepted for AT Program clinical courses.

Concordia University Irvine’s Athletic Training Program is accredited by the [Commission on Accreditation of Athletic Training Education](https://www.caatep.org) (CAATE).

**Technical Standards**
The Athletic Training Program at Concordia University is a rigorous and intense program that places specific requirements that challenge the student intellectually, physically, and psychologically. The technical standards are set forth by AT Program to establish the abilities that an athletic trainer must have to practice safely. They are described by the National Athletic Trainer’s Association and meet the expectations of the program’s accrediting agency (CAATE). In the event a student is unable to fulfill these technical standards, accommodations will be set forth through the university's Disability and Learning Resource Center (DLRC). For more information view [this page](#).

**Operational Fair Practices and Additional Fees**
Some additional fees will apply upon acceptance in the university’s Athletic Training Program.

1. Clinical fees
2. Liability insurance
3. Clothing and professional attire
4. Travel expenses to and from clinical rotations

STANDARDS

Observation:
The student must have the ability to use vision, hearing and somatic sensations; be able to participate in lectures and laboratory demonstrations; and be able to observe and palpate a patient accurately.

Communication:
The student must have the ability to communicate effectively and sensitively with patients and colleagues. This includes members of the healthcare and athletic communities, as well as individuals from different cultural, social, and religious backgrounds. Students must be able to read, understand, and speak the English language at a level consistent with competent professional practice.

Motor and Sensory Function:
The student must have sufficient postural and neuromuscular control, sensory function, and coordination to perform and elicit information from the patient examination. The student must be able to safely and efficiently use equipment and materials during the assessment, treatment, and rehabilitation of patients. The student must be able to perform appropriate skills requiring the coordination of both fine and gross motor muscular movement and equilibrium.

Intellectual Abilities:
The student must be able to measure, calculate, reason, analyze, and integrate information in a timely fashion; be able to formulate assessment and therapeutic judgment; and be able to distinguish deviations from the norm.

Behavioral and Social Attributes:
The student must have the capacity to maintain composure and continue to function well during periods of high stress. The student must have the flexibility and the ability to adjust to changing situations and uncertainty in clinical situations. The student must have the perseverance, diligence, and commitment to complete the athletic training program as outlined and sequenced.

Reasonable Accommodations
The student must demonstrate the above skills and abilities with or without reasonable accommodations. Concordia University will provide reasonable accommodations to students to enable them to meet the technical standards. Students seeking academic accommodations must provide medical documentation of their disability and comply with the procedures of Concordia University and the Disability and Learning Resource Center (DLRC). Failure to give notice or provide detailed information to the DLRC may result in the student’s accommodations being delayed or their request being denied. DLRC policies are available at www.cui.edu/dlrc.

Department of Mathematics
Chair: Prof. Julie Melberg

The mathematics department endeavors to develop students’ numerical and analytical abilities to investigate, formulate, analyze, and articulate solutions to problems within the discipline of mathematics.

Program Learning Outcomes
Students will:
  • Write, critique, and interpret various forms of mathematical proof.
• Calculate, apply, and synthesize core content in mathematics.
• Utilize effective strategies in problem solving, including data analysis and multiple representations of mathematical ideas (visualization/graphs, symbolic notations, numerical data).
• Clearly communicate mathematical concepts, vocabulary, and notation.

## Major

**Mathematics:**

**Bachelor of Arts Degree**

**44 Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>MTH 265: Introduction to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 271: Calculus 1</td>
<td>5</td>
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<tr>
<td>MTH 272: Calculus 2</td>
<td>5</td>
</tr>
<tr>
<td>MTH 295: Mathematical Notation and Proof</td>
<td>3</td>
</tr>
<tr>
<td>MTH 371: Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 373: Calculus 3</td>
<td>4</td>
</tr>
<tr>
<td>MTH 387: Theory of Probability</td>
<td>3</td>
</tr>
<tr>
<td>MTH 473: Modern Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 484: Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MTH 489: Real Analysis</td>
<td>3</td>
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<tr>
<td>MTH 495: Topics in Mathematics: Review, Assessment, and Preliminary Research (Individualized Study)</td>
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</tr>
<tr>
<td>MTH 496: Topics in Mathematics: Final Research and Presentation (Individualized Study)</td>
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**Choose 2 of the following courses: (6 Units)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MTH 376: Discrete Mathematics</td>
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<tr>
<td>MTH 380: Modern Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MTH 388: Mathematical Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 420: Number Theory</td>
<td>3</td>
</tr>
</tbody>
</table>

## Minor

**Mathematics**

**19-20 Units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 271: Calculus 1</td>
<td>5</td>
</tr>
<tr>
<td>MTH 272: Calculus 2</td>
<td>5</td>
</tr>
</tbody>
</table>

**Choose 3 of the following courses: (9-10 units)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 265: Introduction to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 295: Mathematical Notation and Proof</td>
<td>3</td>
</tr>
<tr>
<td>MTH 371: Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 373: Calculus 3</td>
<td>4</td>
</tr>
<tr>
<td>MTH 376: Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MTH 380: Modern Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MTH 387: Theory of Probability</td>
<td>3</td>
</tr>
<tr>
<td>MTH 420: Number Theory</td>
<td>3</td>
</tr>
<tr>
<td>MTH 473: Modern Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MTH 489: Real Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

## Professional Program

Completing a specific program is not a requirement for graduation.
Actuarial Science
Director, Prof. Julie Melberg

The Actuarial Science program is designed to assist students who have an interest in pursuing a career as an actuary with planning their coursework, arranging internships, and preparing for the Society of Actuaries preliminary examinations (Exam P: Probability and Exam FM: Financial Mathematics). The Society of Actuaries (SOA) does not require a specific undergraduate major as a prerequisite for taking exams, but most encourage emphasis in the mathematics, finance and business coursework. Students who enter the Actuarial Science Program at Concordia University will take courses most appropriate for preparing for the first two exams as well as preparing for a career in actuarial science. Additional courses (including some which will be validated by educational experience by the SOA) and a major should be selected based on student interest and career goals.

A. General Education: (55-57 Units)
   Normally completed during the first two years of attendance.

B. Major Requirements:
   Completion of any approved major, typically a mathematics major with a selection of business and economics courses.

C. Program Requirements
   Students should select courses from a variety of fields (including finance, economics and mathematics) that will best prepare them for their first Preliminary Examination (Exam P or Exam FM) by the Society of Actuaries toward the end of their sophomore or junior year.

D. Recommended Courses
   MTH 471: Linear Algebra ................................................................................................................................. 3
   MTH 387: Theory of Probability ...................................................................................................................... 3
   MTH 388: Mathematical Statistics .................................................................................................................. 3
   ECO 201: Macroeconomics ........................................................................................................................... 3
   ECO 202: Microeconomics ............................................................................................................................ 3
   ECO 321: Quantitative Economic Techniques ................................................................................................ 3
   ECO 323: Money and Financial Markets ...................................................................................................... 3
   FIN 331: Finance ........................................................................................................................................... 3
   FIN 333: Investments .................................................................................................................................. 3
School of Business
Dean: Prof. Stephen Christensen
Administrative Dean: Prof. George Wright
Assistant Dean: Prof. Janet Muller

The School of Business seeks opportunities to extend the Christian educational mission of the university by providing learning opportunities to traditional undergraduate and graduate students.

Traditional undergraduate students may enroll in the business or economic programs. Graduate students may enroll in the Master of Business Administration (MBA).

Majors
- Bachelor of Arts in Business Administration
  - Accounting
  - Business Data Analytics
  - Finance
  - International Business
  - Management
  - Marketing
  - Sport Management
- Bachelor of Arts in Economics

Minors
- Accounting
- Business
- Economics
- Marketing

A minimum grade of C- is required in all courses applied to any School of Business undergraduate major or minor. A student earning a grade less than C- in a required business course (e.g., business/economics core, emphasis, or elective) will be required to repeat the course.

Graduate Programs
- Master of Business Administration
  Director of Graduate Programs, Prof. Janet Muller
  Director of the Center for Global Business and Master in Business Administration, Dr. Bruce Hanson

Pre-Business Program
The pre-business program is an undergraduate program designed for students considering a bachelor of art’s degree in Business Administration. The intent of the program is to improve the probability of success for those students committed to pursuing this degree as well as offering exposure to students considering the business program. The courses in the pre-business program are all core business courses. Students will take these courses before they enter the emphasis. Upon successful completion of the following courses with an overall grade point average (GPA) of 2.0 (on a 4.0 scale) and a School of Business GPA of 2.5, the student may apply to be classified as a business major. The application process is described in the School of Business’ Undergraduate Business Handbook.
Transfer students may participate in the pre-business program and petition for classes taken at other accredited institutions to be considered for substitution within the guidelines of Concordia University.

**Core: (16 Units)**

- ACT 211: Financial Accounting ................................................................. 3
- BUS 201: Introduction to Management, Marketing, and Information Technology ................................................................. 3
- BUS 224: Business Writing and Presentations ........................................... 1
- BUS 261: Information Technology ............................................................... 3
- ECO 201: Macroeconomics ........................................................................ 3
- OR ECO 202: Microeconomics ................................................................. 3

Choose 1 of the following courses: (3 units)

- ACT 212: Managerial Accounting ................................................................. 3
- BUS 251: Legal Environment of Business ................................................... 3
- FIN 211: Personal Finance ........................................................................ 3
- FIN 331: Finance ....................................................................................... 3
- MGT 321: Management ............................................................................ 3
- MKT 341: Marketing .................................................................................. 3

**Undergraduate Business Program**

The undergraduate business program operates within the university’s mission statement of preparing students to succeed in the business world studying under the direction of faculty experienced in both the educational and vocational aspects of the discipline. Each student is considered for their unique gifts and how these gifts may be encouraged, developed, and strengthened including the opportunity to participate in business activities and organizations.

**Program Learning Outcomes**

Students taking the business major will be able to:

- Explain the major concepts in the functional areas of accounting, marketing, finance, and management. (SK)
- Evaluate the legal, social, and economic environments of business. (IRC)
- Describe the global environment of business. (IRC)
- Describe and explain the ethical obligations and responsibilities of business. (SSC)
- Apply decision-support tools to business decision making. (QR)
- Construct and present effective oral and written forms of professional communication. (WC, OC)
- Apply knowledge of business concepts and functions in an integrated manner. (SI)

**Majors**

**Business Administration:**

**Bachelor of Arts Degree**

54 Units

**Core: (33 Units)**

- ACT 211: Financial Accounting ................................................................. 3
- ACT 212: Managerial Accounting ................................................................. 3
- BUS 224: Business Writing and Presentations ........................................... 1
- BUS 251: Legal Environment of Business ................................................... 3
- BUS 261: Information Technology ............................................................... 3
- BUS 483: Business Ethics ........................................................................ 3
- ECO 201: Macroeconomics ........................................................................ 3
- OR ECO 202: Microeconomics ................................................................. 3
- FIN 331: Finance ....................................................................................... 3
- MGT 321: Management ............................................................................ 3

Choose 1 course from the following based on emphasis selected: (3 units)

MKT 341: Marketing .................................................................................................................................................................................. 3

Strategy Options:

 internships in Marketing ........................................ 2-8
 internships in Management ........................................ 2-8

complex, data-driven questions in ways that have never been possible before. Big data has emerged as the driving force behind critical business decisions.

Business Data Analytics

The Business Data Analytics emphasis prepares students to make sense of real-world phenomena and everyday activities by synthesizing and mining big data with the intention of uncovering patterns, relationships, and trends by focusing on understanding the methodologies used to analyze and interpret data. Advances in our ability to collect, store, and process different kinds of data from traditionally unconnected sources enables us to answer complex, data-driven questions in ways that have never been possible before. Big data has emerged as the driving force behind critical business decisions.

BDA 337: Introduction to Business Data Analytics .................................................................................................................................................................................. 3

Choose 1 of the following courses: (3 units)

ACT 311: Intermediate Accounting 1 .............................................................................................................................. 3
ACT 312: Intermediate Accounting 2 .............................................................................................................................. 3
ACT 313: Cost Accounting ......................................................................................................................................................... 3

Choose 1 of the following emphases: [3 units]

Choose 1 course from the following based on emphasis selected: (2 units required; 6 additional units may be taken for elective purposes)

ACT 315: Accounting Information Systems ........................................................................................................................... 3
ACT 312: Cost Accounting .............................................................................................................................................................. 3
ACT 311: Intermediate Accounting 1 ............................................................................................................................................. 3
ACT 310: Intermediate Accounting 2 ............................................................................................................................................. 3

Emphasis: (21 Units)

Accounting

Choose 1 of the following courses: (3 units)

ACT 417: Federal and California State Personal Taxes ................................................................................................................... 3
OR ACT 418: Corporate Tax Accounting ............................................................................................................................................. 3

Business Data Analytics

The Business Data Analytics emphasis prepares students to make sense of real-world phenomena and everyday activities by synthesizing and mining big data with the intention of uncovering patterns, relationships, and trends by focusing on understanding the methodologies used to analyze and interpret data. Advances in our ability to collect, store, and process different kinds of data from traditionally unconnected sources enables us to answer complex, data-driven questions in ways that have never been possible before. Big data has emerged as the driving force behind critical business decisions.

BDA 337: Introduction to Business Data Analytics .................................................................................................................................................................................. 3

Choose 1 of the following courses: (3 units)

ACT 332: Financial Statement Analysis ......................................................................................................................................................... 3
ACT 350: Governmental Accounting ......................................................................................................................................................... 3
ACT 417: Federal and California State Personal Taxes ................................................................................................................... 3
OR ACT 418: Corporate Tax Accounting ............................................................................................................................................. 3

Business Data Analytics

The Business Data Analytics emphasis prepares students to make sense of real-world phenomena and everyday activities by synthesizing and mining big data with the intention of uncovering patterns, relationships, and trends by focusing on understanding the methodologies used to analyze and interpret data. Advances in our ability to collect, store, and process different kinds of data from traditionally unconnected sources enables us to answer complex, data-driven questions in ways that have never been possible before. Big data has emerged as the driving force behind critical business decisions.

BDA 337: Introduction to Business Data Analytics .................................................................................................................................................................................. 3
Choose 2 of the following courses: (6 units)

- ACT 332: Financial Statement Analysis ................................................................. 3
- ECO 323: Money and Financial Markets ............................................................. 3
- ECO 421: Managerial Economics ..................................................................... 3
- ECO 428: Economic Analysis of Public Policy ................................................. 3
- MGT 323: Global Enterprise ............................................................................ 3
- MGT 343: Operations ...................................................................................... 3
- MKT 371: Internet Marketing ........................................................................... 3

Finance

The **Finance** discipline studies the acquisition and use of monetary resources for individuals and organizations. Finance considers the rewards of financial ventures in contrast with their risk, giving financial managers the necessary tools to evaluate alternative financial decisions.

ACT 311: Intermediate Accounting 1 ....................................................................... 3
ACT 332: Financial Statement Analysis .................................................................. 3
OR FIN 332: Financial Statement Analysis .......................................................... 3
FIN 211: Personal Finance .................................................................................. 3
FIN 333: Investments .......................................................................................... 3
FIN 335: Real Estate Finance ............................................................................... 3

Choose 2 of the following courses: (6 units)

- FIN 445: International Finance ......................................................................... 3
- MGT 323: Global Enterprise ............................................................................ 3
OR MGT 324: Global Enterprise Experience ....................................................... 3
- MGT 326: New Ventures and Entrepreneurship ............................................... 3

International Business

The **International Business** emphasis is designed for students with broad global horizons. Through a focused course of study and advisement, students will position themselves for a global career in both the for-profit and not-for-profit worlds. Studies will include international business preparation, cultural exposure, and intensive overseas study led by faculty with deep experience in global enterprise.

ACT 443: International Accounting (IFRS) ............................................................ 3
ECO 221: History of Economic Thought ............................................................... 3
FIN 445: International Finance ............................................................................ 3
MKT 445: International Marketing ........................................................................ 3
SOC 365: Sociology of Globalization ..................................................................... 3

Choose 1 of the following courses: (3 units)

- HST 301: Eastern Civilization ......................................................................... 3
- HST 338: Modern European History .............................................................. 3
- HST 371: Islamic Civilization ......................................................................... 3

Choose 1 of the following courses: (3 units)

- ANT 210: Cultural Anthropology .................................................................. 3
- COM 324: Intercultural Communication ......................................................... 3
- HST 416: Contemporary Global Issues ........................................................... 3
- POL 304: International Relations ................................................................... 3
- THL 321: World Religions ............................................................................. 3

**NOTE:** The International Business emphasis of the Business Administration major requires six (6) to twelve (12) units taken internationally.
Management

MGT 323: Global Enterprise .................................................................................................................. 3
OR MGT 324: Global Enterprise Experience ......................................................................................... 3
MGT 326: New Ventures and Entrepreneurship ........................................................................................ 3
MGT 327: Organizational Behavior ........................................................................................................ 3
MGT 343: Operations ............................................................................................................................. 3
MGT 424: Human Resource Management .................................................................................................. 3

Choose 2 of the following courses: (6 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 201: Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>OR ECO 202: Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 321: Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 429: Environmental Economics, Law, and Policy</td>
<td>3</td>
</tr>
<tr>
<td>FIN 333: Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 335: Real Estate Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT 351: Diversity in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MKT 445: International Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: Either Eco 201 or Eco 202 is allowed if not taken in the Core.

Marketing

MKT 353: Professional Selling ............................................................................................................. 3
MKT 371: Internet Marketing ................................................................................................................ 3
MKT 442: Marketing Research ................................................................................................................. 3
MKT 445: International Marketing ........................................................................................................ 3
MKT 475: Marketing Strategy .................................................................................................................. 3

Choose 2 of the following courses: (6 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 422: Studies in Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>ECO 321: Econometrics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 323: Global Enterprise</td>
<td>3</td>
</tr>
<tr>
<td>OR MGT 351: Diversity in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>OR MGT 324: Global Enterprise Experience</td>
<td>3</td>
</tr>
<tr>
<td>MKT 344: The Advertising Agency</td>
<td>3</td>
</tr>
<tr>
<td>MKT 355: Business and Services Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 363: Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>MKT 365: Computer Graphics with Motion</td>
<td>3</td>
</tr>
</tbody>
</table>

Sport Management

The Sport Management emphasis provides professional preparation for management and leadership positions with professional sports teams, intercollegiate and intramural athletics, and recreation programs at colleges and universities and amateur athletic organizations. Professional preparation is also given for careers in private and public health and fitness clubs, corporate fitness and wellness programs, sports stadiums and arenas, and the sports marketing, management, and communication firms that service the larger marketplace.

SPMT 222: Organization and Management of Sport .................................................................................. 3
SPMT 323: Sport Marketing and Sponsorship .......................................................................................... 3
SPMT 326: Sport Operations and Facility Management ............................................................................. 3
SPMT 350: Sport Law ................................................................................................................................. 3
SPMT 420: Finance and Economics of Sport ............................................................................................. 3
SPMT 430: The Profession of Sport Management ..................................................................................... 3

Choose 1 of the following courses (3 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 371: Introduction to Social Media</td>
<td>3</td>
</tr>
<tr>
<td>MGT 424: Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 344: The Advertising Agency</td>
<td>3</td>
</tr>
<tr>
<td>MKT 353: Professional Selling</td>
<td>3</td>
</tr>
</tbody>
</table>

105
Economics:
Bachelor of Arts Degree
49 Units

Economics is the study of expanding human needs and wants in an environment of increasingly elaborate economies, production processes, intricate technologies, more refined skills, and greater trade. Combining this with a world of ever increasing constrained resources, the study of economics incorporates philosophies and moral precepts that more properly define the wants and desires of individuals, business, and the global community to both better compete and collaborate for the common good. In sum, an economics major will prepare students for decision-making in work and life by incorporating the analytical process of modern economic thought in the pursuit of maximizing value.

Program Learning Outcomes

Students taking the economics major will be able to:
1. Articulate and apply the concepts and theories of financial markets.
2. Identify, illustrate, and apply economic principals.
3. Utilize qualitative and quantitative analytical skills to model, measure, and predict economic behavior.
4. Effectively communicate economic thought and principals to peers, associates, and supervisors.
5. Identify and illustrate philosophic and moral precepts that define socio-cultural behavior.
6. Identify and illustrate value espousals that can and should be incorporated in modern economic theory.

ACT 211: Financial Accounting ....................................................................................................................................................... 3
ACT 212: Managerial Accounting ................................................................................................................................................... 3
BUS 201: Introduction to Management, Marketing, and Information Technology ....................................................................... 3
BUS 224: Business Writing and Presentations .................................................................................................................................... 1
BUS 251: Legal Environment of Business ....................................................................................................................................... 3
BUS 483: Business Ethics ................................................................................................................................................................ 3
ECO 201: Macroeconomics ............................................................................................................................................................ 3
ECO 202: Microeconomics ............................................................................................................................................................. 3
ECO 221: History of Economic Thought ......................................................................................................................................... 3
ECO 321: Econometrics .................................................................................................................................................................. 3
ECO 485: Major Thesis ................................................................................................................................................................... 3
FIN 331: Finance ............................................................................................................................................................................. 3
MTH 252: Introduction to Calculus ................................................................................................................................................ 3

Choose 4 of the following courses: (12 units)
ECO 323: Money and Financial Markets ..........................................................................................................................3
ECO 340: Economics of Sin ........................................................................................................................................................3
ECO 421: Managerial Economics ..............................................................................................................................................3
ECO 428: Economic Analysis of Public Policy ..................................................................................................................3
ECO 429: Environmental Economics, Law, and Policy .................................................................................................3
FIN 445: International Finance .............................................................................................................................................3
MGT 323: Global Enterprise ....................................................................................................................................................3
OR MGT 324: Global Enterprise Experience ..................................................................................................................3

Minors
18 Units

Accounting

ACT 211: Financial Accounting ....................................................................................................................................................... 3
Choose 1 of the following courses: (3 units)

- ACT 313: Cost Accounting ................................................................. 3
- ACT 315: Accounting Information Systems .......................................... 3
- ACT 417: Federal and California State Personal Taxes ............................. 3
- ACT 419: Auditing ........................................................................... 3

Choose 1 of the following courses: (3 units)

- BUS 201: Introduction to Management, Marketing, and Information Technology ......................................................... 3
- BUS 251: Legal Environment of Business ............................................ 3
- COM 344: Theory and Practice of Interviewing ..................................... 3
- FIN 331: Finance ............................................................................. 3
- MGT 321: Management ..................................................................... 3
- MGT 323: Global Enterprise ................................................................ 3
- OR MGT 324: Global Enterprise Experience ....................................... 3
- MGT 326: New Ventures and Entrepreneurship ..................................... 3
- MKT 341: Marketing ......................................................................... 3
- MKT 442: Marketing Research ............................................................. 3

**Business**

ACT 211: Financial Accounting ................................................................ 3
BUS 201: Introduction to Management, Marketing, and Information Technology .......................................................... 3
MGT 321: Management ......................................................................... 3

Choose 3 of the following courses: (9 units)

- ACT 212: Managerial Accounting .......................................................... 3
- ACT 315: Accounting Information Systems .......................................... 3
- BUS 251: Legal Environment of Business ............................................ 3
- COM 344: Theory and Practice of Interviewing ..................................... 3
- FIN 331: Finance ............................................................................. 3
- MGT 323: Global Enterprise ................................................................ 3
- OR MGT 324: Global Enterprise Experience ....................................... 3
- MGT 326: New Ventures and Entrepreneurship ..................................... 3
- MKT 341: Marketing ......................................................................... 3

**Economics**

ECO 201: Macroeconomics .................................................................... 3
ECO 202: Microeconomics ..................................................................... 3
ECO 221: History of Economic Thought ................................................ 3

Choose 3 of the following courses: (9 units)

- ECO 321: Econometrics ..................................................................... 3
- ECO 323: Money and Financial Markets ............................................. 3
- ECO 421: Managerial Economics ....................................................... 3
- ECO 428: Economic Analysis of Public Policy .................................... 3
- ECO 429: Environmental Economics, Law, and Policy ........................ 3

**Marketing**

MKT 341: Marketing ............................................................................. 3
MKT 344: The Advertising Agency ........................................................ 3
MKT 353: Professional Selling ............................................................... 3
MKT 442: Marketing Research ............................................................... 3
Choose 2 of the following courses: (6 units)

ACT 211: Financial Accounting .................................................................3
BUS 201: Introduction to Management, Marketing, and Information Technology ...........................3
BUS 251: Legal Environment of Business ....................................................3
MKT 355: Business and Services Marketing ..................................................3
MKT 363: Computer Graphics ....................................................................3
MKT 365: Computer Graphics with Motion ..................................................3
MKT 371: Internet Marketing .....................................................................3
MKT 445: International Marketing .............................................................3
School of Education
Dean: Dr. Deborah Mercier
Associate Dean: Dr. Sandra Scharlemann

The purpose of the School of Education is to prepare professional Educators who demonstrate knowledge of theory and practice by making informed decisions leading to exemplary instruction and learning for all students.

Undergraduate Education Programs and Liberal Studies Major
Director, Dr. Michael Schulteis

Elementary/Multiple Subject Credential Program
Secondary/Single Subject Credential Program
Special Education: Education Specialist Credential: Mild to Moderate
Director, Dr. Deborah Mercier

Lutheran Teacher Certification
Director, Dr. Rebecca Peters

Graduate Education
- Master of Arts in Education (M.A.Ed.) with emphases in:
  - Curriculum and Instruction
  - Educational Administration
  - School Counseling: Pupil Personnel Services Credential
    - Mr. Ron LaMotte
    - Dr. Sandra Scharlemann
    - Dr. Barbara Howard
  - Curriculum and Assessment
    - Dr. Sandra Scharlemann
- Master of Education (M.Ed.)
  (combined credential/master’s degree)
  - Dr. Deborah Mercier
- Doctor of Education (Ed.D.) in Educational Leadership
  - Executive Director, Dr. Dwight Doering

Program Learning Outcomes
- The teacher candidate plans and delivers instruction. The teacher candidate plans and delivers engaging, developmentally appropriate instruction based on the California Content Standards. The teacher candidate incorporates a variety of teaching strategies and resources to make the subject matter accessible and engaging to the needs of diverse students.
- The teacher candidate uses assessment for a variety of purposes. The teacher candidate designs and interprets a variety of assessments, and also uses assessment data to plan instruction, monitor instruction, design and monitor the classroom environment, learn about and place students. In addition the teacher candidate uses reflective practice as a means of self-assessment.
• The teacher candidate provides a supportive learning environment. The teacher candidate creates a positive social environment and a safe and welcoming physical environment that supports learning for all students. The teacher candidate uses instructional time wisely and efficiently.

• The teacher candidate models a servant-leadership lifestyle. The teacher candidate models servant-leadership; exhibits a professional attitude; and communicates effectively with students, families and school personnel. The teacher candidate is aware of and carries out legal and ethical responsibilities.

**Major**  
**Liberal Studies:**  
**Bachelor of Arts Degree**  
**81-88 Units**

The Liberal Studies major is the elementary subject matter preparation program approved by the State of California for students preparing to be elementary, multiple subject, or special Education teachers. The course work is aligned to the California Content Specifications and is the best preparation for the California Subject Examination for Teachers (CSET) that ALL students pursuing an elementary or special Education teaching credential must pass.

To qualify for admittance into the teacher Education program: liberal studies major, students must earn a minimum grade of B- in EDUC 101 and EDUC 201, maintain a grade point average (GPA) of 2.9 with no course grade below C- in the major, and pass the California Basic Educational Skills Test (CBEST).

**For students entering with 0-29 units of transferrable credit:**

**Fine Arts: (6 units)**

*Choose 1 of the following courses: (3 units)*

- ART 111: Experiences in Art ........................................................................................................................................................... 3
- MUS 111: Experiences in Music ..................................................................................................................................................... 3
- OR MUS 112: Music in the Liberal Arts ......................................................................................................................................... 3
- THR 111: Experiences in Theatre ................................................................................................................................................... 3

*Choose 1 of the following courses not in the discipline above: (3 units)*

- ART 488: Children's Art ................................................................................................................................................................. 3
- MUS 461: Music for Children ....................................................................................................................................................... 2-3
- THR 461: Creative Drama and Improvisation ................................................................................................................................. 3

**History/Social Science: (9 units)**

- CHST 201: The West and the World ............................................................................................................................................... 3
- CHST 202: America and the World ................................................................................................................................................. 3
- HST 478: History of California ........................................................................................................................................................ 3

**Electives**

**Global Perspective: (3 units)**

*Choose 1 of the following courses:*

Modern Language:

- Any second semester world language ........................................................................................................................................ 3
- ANT 210: Cultural Anthropology ................................................................................................................................................. 3
- ECO 201: Macroeconomics ............................................................................................................................................................ 3
- ENGL 219: Postcolonial Literature .................................................................................................................................................. 3
- MUS 451: Music Cultures of the World: Emerging Nations ............................................................................................................... 3
Social Science: (3 units)
Choose 1 of the following courses:
ANT 210: Cultural Anthropology ................................................................................................................................. 3
PSY 101: Introduction to Psychology ................................................................................................................................. 3
SOC 101: Introduction to Sociology ..................................................................................................................................... 3

Human Development/Education: (8 units)
EDUC 101: Introduction to Teaching Careers 1 .................................................................................................................. 1
EDUC 201: Introduction to Teaching Careers 2 .................................................................................................................. 1
OR EDSP 202: Introduction to Teaching Special Populations ............................................................................................. 1
EDUC 301: Typical and Atypical Development of Diverse Learners .................................................................................... 3
OR EDSP 301: Typical and Atypical Development of Diverse Learners ................................................................................ 3
PSY 313: Developmental Psychology: Childhood .................................................................................................................. 3

Language: (21 units)
CENG 201: World Literature to the Renaissance .................................................................................................................. 3
CENG 202: World Literature from the Enlightenment ........................................................................................................ 3
EDU 435: Linguistic Development and Second Language Acquisition .................................................................................. 3
ENG 391: Children's Literature ............................................................................................................................................. 3
WRT 102: Writing and Research ........................................................................................................................................ 3
OR WRT 201: The Art of the Essay ..................................................................................................................................... 3

Choose 1 of the following courses: (3 units)
COM 111: Public Speaking .................................................................................................................................................. 3
COM 211: Introduction to Argumentation and Debate .......................................................................................................... 3

Advanced Writing: (3 units)
Choose 1 of the following courses:
COM 222: Theory and Practice of Journalism .................................................................................................................. 3
COM 412: Writing for the Broadcast Media .......................................................................................................................... 3
WRT 323: Introduction to Genre and Craft in Creative Writing ............................................................................................... 3
WRT 324: Writing for Children and Teenagers .................................................................................................................... 3
WRT 327: Creative Writing: Fiction ........................................................................................................................................ 3
WRT 328: Creative Writing: Poetry ......................................................................................................................................... 3
WRT 329: Creative Nonfiction ............................................................................................................................................... 3
WRT 333: Topics in Literature and Creative Writing ........................................................................................................... 3

Mathematics: (6 units)
CMTH 101: Nature of Mathematics ........................................................................................................................................ 3
MTH 301: Mathematics for Teachers ..................................................................................................................................... 3

Physical Education/Health: (5 units)
ESS 101: Education for Healthful Living ........................................................................................................................... 2

NOTE: WRT 201 can be taken by students with a SAT writing score of 640 or above.
NOTE: Students seeking a special education credential must take EDSP 202.
NOTE: Ant 210 may be chosen if not taken under Global Perspective.

NOTE: ANT 210 is required for the Liberal Studies major.

NOTE: POL 322: Political Thought 2: The Enlightenment to Present

NOTE: POL 321: Political Thought 1: Ancient to Early Modern

NOTE: MUS 452: Music Cultures of the World: The Silk Road

NOTE: CMTH 101: Nature of Mathematics
ESS 340: Elementary Physical Education ........................................................................................................................................ 3

Science: (11 units)
CBIO 101: Integrated Biology ......................................................................................................................................................... 4
SCI 115: Physical Science: Introduction to Chemistry and Physics ................................................................................................ 4
SCI 301: Earth Science .................................................................................................................................................................... 3

Concentrations: (12-16 units)
Liberal studies majors may select from the following areas of concentration:
American Political Studies European History Physical Education
Art General Science Political History
Child Development Global Cultural Studies Social History
Christ College History of Ideas Spanish
Early Childhood Life Science Study Abroad
Education Specialist Mathematics Theatre
English Music

Minor
Early Childhood
21 Units

The Early Childhood Education minor is designed to meet course requirements for California’s Child Development Permit.

There are six levels of the child development permit with some levels requiring supervised field experience. Detailed information on the permit is available in the School of Education. The Child Development Permit is issued by the California Commission on Teacher Credentialing and authorizes the holder to serve in child development programs providing care and instruction of children of all ages, birth through pre-kindergarten.

EDSP 448: Early Childhood Development and Curriculum Planning for Diverse Learners* ................................................................. 3
EDU 466: Helping Children Cope with Stress and Violence ........................................................................................................... 3
EDSP 468: Observation and Assessment of Young Children* ........................................................................................................ 3
EDU 491: Early Childhood Field Experience ................................................................................................................................... 3
OR ESCP 400: Early Childhood Field Work for Diverse Population Seminary .............................................................................. 3
PSY 313: Developmental Psychology: Childhood ........................................................................................................................ 3
SOC 332: Child, Family, and Community ........................................................................................................................................ 3

* Acceptance into School of Education not required for this course.

Choose 1 of the following courses: (3 units)
EDU 467: Emergent Literacy .......................................................................................................................................................... 3
ENG 391: Children’s Literature ....................................................................................................................................................... 3
MUS 461: Music for Children ...................................................................................................................................................... 2-3
PSY 314: Developmental Psychology: Adolescence ....................................................................................................................... 3

NOTE: EDU 491/EDSP 400 requires supervised field experience.

With careful planning the early childhood minor can be combined with the liberal studies major leading toward a California Teaching Credential. Students interested in this option must meet with their advisor and the School of
Education as early as possible to complete a four (4)-year plan, as some of the early childhood courses are not taught every semester.

**Teacher Credential Programs**

_Director, Dr. Deborah Mercier_

**Program Learning Outcomes**

The teacher candidate plans and delivers instruction

- The teacher candidate plans and delivers engaging and developmentally appropriate instruction based on the California Content Standards; incorporates a variety of teaching strategies and resources to make the subject matter accessible and engaging to the needs of diverse students.

The teacher candidate uses assessment for a variety of purposes

- The teacher candidate designs and interprets a variety of assessments and also uses assessment data to plan instruction, monitor instruction, design and monitor the classroom environment, and learn about and place students. In addition, the teacher candidate uses reflective practice as a means of self-assessment.

The teacher candidate provides a supportive learning environment

- The teacher candidate creates a positive social environment and a safe and welcoming physical environment that supports learning for all students. The teacher candidate uses instructional time wisely and efficiently.

The teacher candidate models a servant-leadership lifestyle

- The teacher candidate models servant-leadership; exhibits a professional attitude; and communicates effectively with students, families, and school personnel. The teacher candidate is aware of and carries out legal and ethical responsibilities.

**Undergraduate Teacher Education**

The **teacher credential programs** prepare multiple subject, single subject, and education specialist teacher candidates who demonstrate knowledge of theory and practice by making informed decisions leading to exemplary instruction for all learners. Concordia’s programs are state-approved and lead to preliminary California multiple (elementary), single subject (secondary), and education specialist (EDSP) credentials.

EDUC 400 level courses are part of the California credential program. To begin taking this coursework as an undergraduate, students must be fully admitted to the undergraduate teacher education program which includes the following:

1. Cumulative grade point average (GPA) of 2.9 or higher with no course grade lower than C- in the major.
2. Successful completion of EDUC 101 and 201 (or EDSP 202) with a grade of B- or higher and positive evaluation of the field experience component by the director of field experience and the classroom teacher.
3. Two letters of recommendation (one from a Concordia faculty member).
4. Official college transcripts from all colleges attended.
5. California state certificate of clearance certificate; current Wellness Center health Clearance.
6. Concordia University dean of students’ approval.
7. Interview and recommendation from School of Education faculty advisor.
8. School of Education dean and faculty approval.
9. Verification of having passed California Basic Educational Skills Test (CBEST).
10. Passage of California Subject Examination for Teachers (CSET) where applicable. The passage of CSET varies by major. Refer to the Undergraduate Elementary Education, Education Specialist, and Secondary Education Handbook, available in the School of Education office, to find out when to take this exam.
NOTE: International students are required to score a minimum of 550 on the Test of English as a Foreign Language (TOEFL) and demonstrate proficient English communication skills in field experience.

Upon full admission to the teacher Education program, students will complete the following professional education requirements.

### Elementary Education
#### 34 Units
**Multiple Subject Credential**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 201: Introduction to Teaching Careers 2</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 301: Typical and Atypical Development of Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 401: Planning and Assessment for Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 402: Creating Positive and Inclusive Learning Environments</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 422: Math and Science Methods: Elementary</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 423: Integrated Curriculum Methods: Elementary</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 451: Language and Culture</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 460: Literacy Development in Diverse Classrooms</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 480: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 482: Student Teaching: Elementary 2</td>
<td>12</td>
</tr>
</tbody>
</table>

### Secondary Education
#### 34 Units
**Single Subject Credential**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 201: Introduction to Teaching Careers 2</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 301: Typical and Atypical Development of Diverse Learners</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 401: Planning and Assessment for Inclusive Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 402: Creating Positive and Inclusive Learning Environments</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 424: Secondary Curriculum and Methods</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 451: Language and Culture</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 470: Literacy Development in Diverse Content-Area Classrooms</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 481: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Secondary</td>
<td>1</td>
</tr>
<tr>
<td>EDUC 483: Student Teaching: Secondary</td>
<td>12</td>
</tr>
</tbody>
</table>

### Special Education
#### 36 Units
**Education Specialist: Mild-Moderate**
Student Teaching Requirements

Prior to student teaching, the appropriate California Subject Examination for Teachers (CSET) must be passed. Students must have grades of B- or better in all EDUC/EDSP courses to count towards the California credential program.

Teacher Credential Application Process

Candidates may be recommended to the State of California for a preliminary credential when the following requirements have been completed:
1. A bachelor’s degree from a regionally accredited institution.
2. A passing score on the California Basic Educational Skills Test (CBEST).
3. An approved professional preparation program with a minimum grade of B- in all course work.
4. U.S. Constitution course or approved alternative demonstration of competency.
5. Level I technology competencies (EDU 098).
6. Demonstration of subject matter competence (passage of California Subject Examination for Teachers [CSET]).
7. Passage of the Teaching Performance Assessment (TPA) for multiple and single subject candidates. Passage of TPA 1 and 2 and cumulative professional portfolio are required of EDSP candidates.
8. Passage of Reading Instruction Competence Assessment (RICA) for multiple subject and education specialist teacher candidates only.

Candidates filing for the preliminary credential must apply through the School of Education. Regular consultation with a program advisor is critical to be certain that the candidate’s program of study meets all state and university requirements.

Lutheran Teacher Certification Program

Director, Dr. Rebecca Peters

Please see “Christ College Certificate Requirements” on this page for program requirements.

Lutheran Teaching Ministry Certification also requires:

- Completion of all professional preparation requirements for the Teacher Education Program, including successful student teaching.
- Membership in a congregation of The Lutheran Church—Missouri Synod (LCMS).
School of Professional Studies
Dean: Dr. Timothy C. Peters
Assistant Dean: Dr. Margaret Christmas Thomas

The Healthcare Management major will educate students for professional positions based on Christian leadership principles as they are equipped to enhance the effectiveness of healthcare organizations while making a positive difference in people’s lives.

Program Learning Outcomes
Students will be able to demonstrate the ability to:

• communicate clearly and concisely, establish and maintain relationships, and facilitate constructive interactions with individuals and groups in the healthcare setting.
• inspire individual and organizational excellence, create a shared vision, and successfully manage change to attain the organization’s strategic ends and successful performance.
• align personal and organizational conduct with ethical and professional standards that include a responsibility to the patient and community, a service orientation, and a commitment to lifelong learning and improvement.
• understand the healthcare system and the environment in which healthcare managers and providers function.
• apply business principles, including systems thinking, to the healthcare environment.

Major
Healthcare Management:
Bachelor of Arts Degree
42.5 Units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCM 201</td>
<td>Healthcare Management Orientation</td>
<td>5</td>
</tr>
<tr>
<td>HCM 312</td>
<td>Introduction to Health Administration</td>
<td>3</td>
</tr>
<tr>
<td>HCM 314</td>
<td>Healthcare Quality Management</td>
<td>3</td>
</tr>
<tr>
<td>HCM 315</td>
<td>Organizational Theory and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>HCM 413</td>
<td>Leadership and Direction in the Administration of Health Services</td>
<td>3</td>
</tr>
<tr>
<td>HCM 414</td>
<td>Legal Aspects of Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>HCM 415</td>
<td>Health Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>HCM 416</td>
<td>Human Resource Management in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>HCM 419</td>
<td>Topics in Public Health Administration</td>
<td>3</td>
</tr>
<tr>
<td>HCM 422</td>
<td>Introduction to Gerontology and Mental Health Management</td>
<td>3</td>
</tr>
<tr>
<td>HCM 424</td>
<td>Marketing and Strategic Planning for Healthcare Organizations</td>
<td>3</td>
</tr>
<tr>
<td>HCM 425</td>
<td>Financial Management of Healthcare Organizations</td>
<td>3</td>
</tr>
<tr>
<td>HCM 494</td>
<td>Internship in Health Administration</td>
<td>3</td>
</tr>
<tr>
<td>HCM 495</td>
<td>Senior Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PHI 467</td>
<td>Bioethics in Healthcare Professions</td>
<td>3</td>
</tr>
</tbody>
</table>
# Description of Courses

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>211</td>
<td>Basic elements of accounting and methods of gathering and reporting financial data will be examined in this course, including a study of financial statements; journalizing financial transactions; merchandising activities; investments in property, plant and equipment; and depreciation as it applies to corporations. Prerequisite: Bus 201.</td>
</tr>
<tr>
<td>ACT</td>
<td>212</td>
<td>This decision-making course will be based on accounting concepts and will include equity financing, introduction to management accounting, cost terms and concepts, cost accumulation systems, product costing systems, and analyzing cost behavior patterns, including cost-volume-profit relationships. Prerequisite: Act 211.</td>
</tr>
<tr>
<td>ACT</td>
<td>311</td>
<td>This course will expand the theories and concepts of accounting including the study of balance sheets and owner's interests; accrual accounting including revenue recognition and cost allocation; the income statement and measures of performance; statement of cash flows; and cash and receivables. Prerequisite: Act 212.</td>
</tr>
<tr>
<td>ACT</td>
<td>312</td>
<td>As a continuation of ACT 311, this course will emphasize inventories, current liabilities, long-term and intangible assets, long-term liabilities, accounting for leases, and equity securities. Prerequisite: Act 212.</td>
</tr>
<tr>
<td>ACT</td>
<td>313</td>
<td>This course will cover the cost accounting cycle; cost elements of products and services; job order, process, and standard cost systems; overhead allocation considerations; cost behavior; cost-volume-profit relationships; and analysis of overhead variances. Prerequisite: ACT 212. Offered alternate years.</td>
</tr>
<tr>
<td>ACT</td>
<td>315</td>
<td>This course will look at the concepts, controls, and tools of computerized accounting information systems using spreadsheets and databases. Prerequisite: Act 212 and Bus 261.</td>
</tr>
<tr>
<td>ACT</td>
<td>332</td>
<td>Analysis of financial statements for business valuation and strategic consideration will be examined in this course including ratio analysis and time value of money concepts used to analyze the financial condition of a business organization. Credit analysis and corporate finance issues will also be covered. Prerequisite: Act 211.</td>
</tr>
<tr>
<td>ACT</td>
<td>350</td>
<td>This course will introduce the basic elements of accounting, methods of gathering and reporting financial data, compliance issues, and the accounting environment for governmental agencies. Prerequisites: Act 211 and 212</td>
</tr>
<tr>
<td>ACT</td>
<td>417</td>
<td>The preparation of individual federal and California state income tax returns will be the focus of this course, including federal forms, schedules, and California adjustments to income. Prerequisite: Act 211. Offered alternate years.</td>
</tr>
<tr>
<td>ACT</td>
<td>418</td>
<td>This course will study the theory and principles of federal income tax laws applicable to business entities with an emphasis on the theoretical framework as well as practical application and planning, including the study of special tax considerations pertaining to S corporations and partnerships. Prerequisite: Act 212. Offered alternate years.</td>
</tr>
</tbody>
</table>
| ACT     | 419    | Methods and procedures used to verify the accuracy and responsible reporting of financial information within the ethical framework of the professional auditor will be examined in this course including ethics, legal liability, internal control, and reporting. Prerequisite: ACT 312 or
Accounting

Subject Course Course Description

ACT 440 consent of instructor. Offered alternate years.
Many state boards of accountancy, including the California State Board of Accountancy, require their professional accountants to be educated in accounting ethics and professional responsibilities. This course will explore the ethical environment and professional standards applicable to accountants in fulfilling their responsibilities to the business community and related stakeholders. This course will include the formation of a foundation for ethical reasoning and the core values of integrity, objectivity, and independence. This course will partially meet the one hundred fifty (150) credit-hour requirement for the CPA (Certified Public Account) examination and leverage Concordia's ethical perspective. Prerequisite: Act 311 and Bus 483 or consent of the Instructor.

ACT 443
This course will highlight the current and proposed differences between U.S. GAAP (Generally Accepted Accounting Principles) and IFRS (International Financial Reporting Standards) and their application in financial reporting. Prerequisite: Act 212.

ACT 490
This course is a practical working experience where students meet with their internship director for advice and approval on placement before beginning their internship. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Offered as a Pass/No Pass course.

Anthropology

Subject Course Course Description

ANT 210 Understanding diverse cultures of the world, from preliterate societies to modern technological societies, is the focus of this course, and will include mankind's universal as well as adaptive dimensions; and the examination of socioeconomic, political, religious, and physical environmental factors that relate to the values and lifestyles of various peoples.
Practical application of anthropological concepts designed to assist in analyzing, understanding, and living within other cultural traditions is the focus of this course and will include topics such as the role of culture, living with culture shock, strategies for analyzing cultures, processes of assimilation, language issues, cultural food ways, manners, and social expectations.

ANT 314 An anthropological overview of native North American societies from pre-Columbian times to the present will be the focus of this course, utilizing a culture area approach and including an emphasis on the native people of California. Offered alternate years.

ANT 364 This course will explore the relationship between individual experiences and the socio-cultural context, focusing on the role socio-cultural institutions play on personality, health, and world view.

ANT 435 This course will present a comparative examination of religion as an aspect of human culture and will include substantive and functional approaches to religious behavior, religion as a symbol system, ritual behavior, magic, religious movements, and paranormal phenomena. Prerequisite: Ant 210 or permission of instructor. Offered alternate years.

Aramaic

Subject Course Course Description

ARA 301 This course is a study of the morphology, vocabulary, and syntax of biblical Aramaic for reading the Aramaic portions of the Hebrew Bible. Prerequisite: Heb 101 and 102 or equivalent with a grade of C- or better.

Arabic

Subject Course Course Description
### Arabic

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARB</td>
<td>101</td>
<td>This is a beginning course in language and culture introducing students to written, oral, and historical traditions behind modern standard Arabic. Conducted primarily through classroom instruction, this course will be augmented with written, oral/aural, internet, and other germane resources. The Arabic script, basic grammar, vocabulary, and syntax will be covered. Students will complete the course able to read and translate basic Arabic sentences.</td>
</tr>
<tr>
<td>ARB</td>
<td>201</td>
<td>This course will cover advanced Arabic grammar and vocabulary as students read and translate classical and modern Arabic texts and learn some basic conversational Arabic (Egyptian dialect). Prerequisite: Arb 101.</td>
</tr>
</tbody>
</table>

### Art

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART</td>
<td>101</td>
<td>This course is designed to expose the student to the visual elements of art such as line, value and color. Students also develop basic drawing skills which enable them to create two-dimensional and three-dimensional art forms. Through active participation in artist's exhibitions and lectures the student is introduced to the study of art history and the role the artist plays within society.</td>
</tr>
<tr>
<td>ART</td>
<td>111</td>
<td>This course will introduce students to the different components resulting in a finished work of art. Emphasis will be placed on experimentation with media and techniques used by professional artists during their progression from idea to finished product. Students will be given presentations in digital media that will serve as guidance for the class projects.</td>
</tr>
<tr>
<td>ART</td>
<td>200</td>
<td>In this course students will be given a practical introduction to the basics of art through creative studio activities involving the elements of art in a variety of media with two- and three-dimensional projects. A lab fee is required.</td>
</tr>
<tr>
<td>ART</td>
<td>201</td>
<td>This studio art course will introduce the basic approaches to observational drawing in a variety of media, methods, and subject matter through lectures, demonstrations, slide presentations, studio drawing, out-of-class drawing, sketching, and critiques. A lab fee is required.</td>
</tr>
<tr>
<td>ART</td>
<td>251</td>
<td>As a continuation of Art 200, this course will emphasize the properties and handling of color as a design tool through an understanding of color relationships. Students will learn to identify and analyze the principles and elements of design and utilize these in the creation of their own unique designs. A lab fee is required. Prerequisites: Art 200 and 201 or consent of instructor.</td>
</tr>
<tr>
<td>ART</td>
<td>301</td>
<td>Students will be helped to establish a style and technique emphasizing discipline, craftsmanship, and imagination in this course as they use a variety of drawing materials and investigate perspective, composition, line, tone control, and a personal point of view. A lab fee is required. Prerequisite: Art 201 or consent of instructor.</td>
</tr>
<tr>
<td>ART</td>
<td>311</td>
<td>This is a survey course of Western art from the Prehistoric Period through the Renaissance, employing illustrated lectures, independent research, museum visits, and discussion. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>312</td>
<td>This course is a survey of Western art from the Renaissance through the present employing illustrated lectures, independent research, museum visits and discussion. Offered alternate years.</td>
</tr>
<tr>
<td>Subject</td>
<td>Course</td>
<td>Course Description</td>
</tr>
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<td>---------</td>
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</tr>
<tr>
<td>ART</td>
<td>315</td>
<td>This course will examine the art of the last half of the 20th and 21st centuries as it explores the ideas that became seminal points of interest for contemporary artists during this period. Students will study how art reflects history; how style communicates the concerns of the artist and their culture; and how symbols, techniques, materials, and subjects are used to convey the issues important to contemporary artists. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>321</td>
<td>This studio art course will introduce students to the basic approaches of acrylic painting, painting techniques, form, content, visual appreciation, and personal expression through lectures, demonstrations, slide presentations, studio painting, out-of-class painting, sketching, and critiques. A lab fee is required. Prerequisite: Art 201.</td>
</tr>
<tr>
<td>ART</td>
<td>331</td>
<td>This course will introduce students to the concepts, materials, and methods of sculpture as creative ideas are developed in wood, clay, plaster, found objects, and cardboard. Principles and use of equipment, material sources, and safety factors will be addressed. A lab fee is required. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>341</td>
<td>This course will introduce clay from the process of construction through the completion of a finished piece using the following methods: pinch, coil, slab, wheel, and decorative. A lab fee is required. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>351</td>
<td>This course will provide an introduction to printmaking media with an emphasis on experimentation through techniques such as the monoprint, relief, and silkscreen. Prerequisites: Art 200 and 201 or consent of the instructor. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>380</td>
<td>In this course, students will learn how to create an effective art curriculum and design art projects that will combine art history, cultural aspects about art, and the theory of artistic methods and techniques in an engaging manner for middle and/or high school-aged students. Prerequisites: Art 200, 201, 311 or junior status. Offered alternate years.</td>
</tr>
<tr>
<td>ART</td>
<td>390</td>
<td>This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience. A lab fee may be required for some courses.</td>
</tr>
<tr>
<td>ART</td>
<td>391</td>
<td>This course is for students who plan to teach art at the secondary level, as they assist an art teacher in a middle or high school setting, integrating what they have learned in Art 380 for the presentation of a variety of art projects in the classroom. A lab fee is required. Prerequisites: Art 380 and consent of instructor.</td>
</tr>
<tr>
<td>ART</td>
<td>392</td>
<td>In this course students will expand their understanding of art as they assist in an art gallery or center which is designed to equip studio art students with practical skills such as curating exhibitions, working with professional artists, teachers and/or art dealers. A lab fee is required. Prerequisites: Consent of instructor.</td>
</tr>
</tbody>
</table>
| ART     | 401    | In this course students will obtain the basic skill of drawing the human figure including anatomy, observation of the human form, fundamental exercises in gesture, contour, outline, and tonal modeling. In-class observation of artist's models will be complemented with studies of plaster casts and master drawings with composition being considered at all times. By concentrating on proportion, light, shape, and movement, students will acquire skills in representing the human form using a variety of materials. A lab fee is required. Prerequisites: Art 201 or consent of
Art

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>ART</td>
<td>421</td>
<td>In this course students will be encouraged to establish a painting style and technique emphasizing discipline, craftsmanship, and imagination as they expand their knowledge and skill of acrylic paint through lectures, demonstrations, slide presentations, studio painting, out-of-class painting, sketching, and critiques. A lab fee is required. Prerequisite: Art 321.</td>
</tr>
</tbody>
</table>

| ART     | 431    | Principles, use of equipment, and safety factors will be addressed in this studio course with an emphasis on individual development of form and craftsmanship, and using creative assignments involving metal, wood, and other materials. A lab fee is required. Prerequisites: Art 331 or consent of instructor. Offered alternate years. |

| ART     | 451    | In this course students will expand their knowledge of certain printing techniques such as the monoprint, collagraph, relief, and silkscreen methods as they conduct research that combine art history and practical experience to produce prints that are rich in content. A lab fee is required. Prerequisites: Art 351 or consent of instructor. Offered alternate years. |

| ART     | 480    | In this course students will learn how to create an effective art curriculum and design art projects that will combine art history, cultural aspects about art, and the theory of artistic methods and techniques in an engaging manner for middle and/or high school-aged students. Prerequisites: Art 200, 201, 311 or junior status. |

| ART     | 488    | In this course students will explore the developmental stages of art in children at different levels that will aid in curriculum development and give students the opportunity to experiment with various art activities to develop skills needed for the effective teaching of art in the elementary school. A lab fee is required. |

| ART     | 498    | The purpose of this course is to assist students to gain a more complete understanding of the complex nature of art making and its role in a social, historical, cultural, and personal context. Intended to serve as a capstone experience for students in the Studio Arts major, this course is designed to complement and work in conjunction with preparations for the Senior Exhibition. A lab fee is required. Prerequisite: senior standing and consent of the instructor. |

Art - Graphic Design

<table>
<thead>
<tr>
<th>Subject</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ARTG</td>
<td>261</td>
<td>This studio art course will give students an introduction to the study of graphic design, as they are exposed to the history of visual communication, typography, advertising, and learn how to identify the elements and principles of design by creating image and text related projects. Students will also develop skills using the digital techniques of scanning, typographic adjustments, vector drawing, exporting, and printing. Prerequisite: Art 201, 251, or consent of instructor. Offered alternate years.</td>
</tr>
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</table>

| ARTG    | 270    | In this course students will develop page layout skills utilizing composition and typographic principles while learning to use Adobe InDesign and the creation of images in Adobe Illustrator and Adobe Photoshop, including text to produce flyers, posters, newsletters, magazines, brochures, calendars, etc. |

<p>| ARTG    | 271    | Students will become proficient using Adobe Photoshop in this course, including its applications in graphic design, advertising, web design, animation, and multimedia. Examination of the ways in which complex ideas and messages can be interpreted and represented in visual form will also be included. |</p>
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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>ARTG</td>
<td>272</td>
<td>In this course students will acquire type manipulation and digital illustration skills through exercises, demonstrations, and practical assignments using Adobe Illustrator, including the development of an individualized artistic process to produce digital illustrations that convey specific messages.</td>
</tr>
<tr>
<td>ARTG</td>
<td>300</td>
<td>This survey course will examine the history of graphic design as students gain a broader understanding of how design affects and is affected by the culture; identify individual illustrators, designers, and artists; and recognize specific styles and movements.</td>
</tr>
<tr>
<td>ARTG</td>
<td>360</td>
<td>This course will give a historical overview of type and typographic technologies that will introduce students to the formal qualities of different typefaces and teach them to use type as an expressive communication tool. This is an essential course for anyone wishing to communicate with the printed word. Prerequisite: ArtG 270 or 272 or consent of the instructor. Offered alternate years.</td>
</tr>
<tr>
<td>ARTG</td>
<td>361</td>
<td>Students will produce intermediate design projects that emphasize aesthetics, the theory of design, and the relationship between text and image in this course including the development of digital imaging and layout skills using Adobe InDesign, Photoshop, and Illustrator. A portion of this course will be devoted to a service learning assignment creating design projects for a nonprofit organization within the community. Prerequisites: Art 261. Offered alternate years.</td>
</tr>
<tr>
<td>ARTG</td>
<td>390</td>
<td>This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience. A lab fee may be required for some courses.</td>
</tr>
<tr>
<td>ARTG</td>
<td>460</td>
<td>As a continuation of ARTG 360, this course will begin the exploration of personal expression and experimentation typographically with course assignments designed to focus on the issues of denotation, connotation, hierarchy, context and theme, image-type relationships and interaction, and typographic history and expression. Prerequisite: ArtG 360.</td>
</tr>
<tr>
<td>ARTG</td>
<td>461</td>
<td>This course will allow students to complete advanced graphic design projects to fill gaps in their portfolios, emphasizing their preparation to become professional graphic designers through the production of strong portfolios that can be used to gain internships or employment. Prerequisite: ArtG 361. Offered alternate years.</td>
</tr>
<tr>
<td>ARTG</td>
<td>471</td>
<td>In this studio course, students will create relationships between image and sound by using the time-based medium of video with an emphasis on students developing strong concepts for their projects and learning to create a storyboard, film, and edit video art pieces together using Final Cut Pro and Adobe After Effects. Prerequisites: ArtG 271 and Art 301 or consent of instructor. Offered alternate years.</td>
</tr>
<tr>
<td>ARTG</td>
<td>472</td>
<td>Students will plan, design, and produce user interfaces in this course that will incorporate interactive elements with Dreamweaver Instruction that begins with planning and designing a Web site, including page content, interactive (intuitive) site navigation, menus, buttons, and graphics as they gain valuable experience in the research, planning, and design of interactive communication. Prerequisites: ArtG 261, 271, and 272.</td>
</tr>
<tr>
<td>ARTG</td>
<td>473</td>
<td>Students will go through the various stages of creating a title sequence for a film in this course as they create several projects including storyboards, animatics, and one full-motion sequence, learning to use the best technique that better serves the idea. The course will include a brief introduction to Adobe AfterEffects or Motion.</td>
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### Art - Graphic Design

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<tr>
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<tbody>
<tr>
<td>ARTG</td>
<td>481</td>
<td>Prerequisites: ArtG 261, 271, 272, and 360. This course will provide students with an introduction to visual concepts, basic image capture, and camera functions with digital cameras, including software basics for photographic imaging and digital printing. Offered alternate years.</td>
</tr>
<tr>
<td>ARTG</td>
<td>482</td>
<td>This course will explore Flash as a web design solution, focusing on the use of vector-based multimedia interactivity and the use of animation, sound, and video in website development. Prerequisite: ArtG 472.</td>
</tr>
<tr>
<td>ARTG</td>
<td>490</td>
<td>This course is an intense, practical, full- or part-time experience outside the classroom that is an integral part of a professional program, contributing significantly to the student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limit the maximum number of internship credit. A lab fee may be required for some courses.</td>
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### Bus Data Analytics

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<th>Subject</th>
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<tbody>
<tr>
<td>BDA</td>
<td>337</td>
<td>This course will examine how data analysis technologies can be used to improve decision-making through the study of fundamental principles and techniques of data mining using real-world examples, cases, and software to place data-mining techniques in context, to develop data-analytic thinking, and to illustrate that proper application is as much an art as it is a science. Topics will include introduction to data mining, machine learning, and artificial intelligence: concepts and definitions, the data mining process, predictive and descriptive tasks. This course will introduce methods, tools, and applications used to extract and analyze big data with a focus on the use of these approaches and instruction on basic programming, design, and critical thinking skills necessary to use the applications. Prerequisites: BUS 201 and BUS 224.</td>
</tr>
<tr>
<td>BDA</td>
<td>338</td>
<td>As a continuation of Bio 111, this course will examine cellular structure, metabolism process, genetics, DNA function and genome expression, biotechnology and molecular biology in medicine. Lab time is included in the schedule. A lab fee is required.</td>
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### Biology

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<th>Subject</th>
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<tr>
<td>BIO</td>
<td>101</td>
<td>This course will introduce quantitative decision making tools and cover decision analysis, cluster analysis, time series, moving averages, linear and non-linear programming, and Monte Carlo simulation with a focus on the formulation and intuition behind the solution techniques rather than the mathematical theory. This capstone course will integrate and apply key data analytic techniques to a real world issue of the student's choice. Evaluation of the thesis will be by committee.</td>
</tr>
<tr>
<td>BIO</td>
<td>111</td>
<td>This is an introductory course to the truths of biological sciences discovered through the hypothetic-deductive approach and its application to life and limitations for society in such controversial areas as human reproduction, sexually transmitted diseases, human developmental termination, genetics, genetic engineering, evolution and the evolutionary process, and the origin of life. Lab time is included in the schedule. A lab fee is required.</td>
</tr>
<tr>
<td>BIO</td>
<td>112</td>
<td>This is a general biology course emphasizing evolutionary mechanism, species formation, phylogenies, the origin of life, and the principles of evolutionary diversity, plant, and animal structure, and function of systems. Lab time is included in the schedule. A lab fee is required.</td>
</tr>
<tr>
<td>BIO</td>
<td>246</td>
<td>As a continuation of Bio 111, this course will examine the general principles of physiology, cell structure and function, and cell metabolism and division, including a</td>
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<td>Subject</td>
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<tr>
<td>BIO 246</td>
<td>As a continuation of Bio 246, this course will examine the general principles of physiology and structure of the endocrine, circulatory, lymphatic, immune, respiratory, digestive, urinary, and reproductive systems. Lab time is included in the schedule. A lab fee is required. Prerequisite: C- or better in Bio 246, or equivalent, or consent of instructor.</td>
<td>BIO 247</td>
</tr>
<tr>
<td>BIO 308</td>
<td>Basic principles of heredity including Mendelian, cytogenetics, population theory, gene regulation, and an introduction to molecular genetics will be discussed in this course, emphasizing classical laboratory experimentation and molecular techniques. Lab time is included in the schedule. A lab fee is required. Prerequisite: C- or better in Bio 246, or equivalent, or consent of instructor.</td>
<td>BIO 309</td>
</tr>
<tr>
<td>BIO 310</td>
<td>This course will investigate the data, methods, and theory behind population genetics with an emphasis on human populations. Prerequisite: Bio 112</td>
<td>BIO 311</td>
</tr>
<tr>
<td>BIO 317</td>
<td>Fundamental ecological concepts will be introduced through literature and illustrated in field investigations. Field trips are included in the schedule. Prerequisites: C- or better in Bio 111, 112, and Che 221 or Sci 115 or consent of the instructor. Offered alternate years.</td>
<td>BIO 318</td>
</tr>
<tr>
<td>BIO 331</td>
<td>This course will introduce the major phyla of marine organisms, their habitats, and the ecological principles operating in their communities as students investigate current areas of marine research in the lab and field; study the various physiological and behavioral adaptations necessary for survival in a marine environment; and explore the diversity of marine organisms found globally and locally. Current threats to the marine environment and its organisms will also be discussed. Up to two (2) weekend field trips are possible in addition to field trips during scheduled lab time. Lab time is included in the schedule. Prerequisites: Bio 111 and 112 and Che 221 or Sci 115. Completion of Sci 318 is recommended but not required. Offered alternate years.</td>
<td>BIO 332</td>
</tr>
<tr>
<td>BIO 341</td>
<td>As an introduction to the basic concepts of plant life, this course will study the structure, functional form, reproduction, genetics, and ecology of fungi, algae, and nonvascular and vascular plants. Lab time is included in the schedule. A lab fee is required. Prerequisites: C- or better in Bio 111 and Che 221 or Sci 115 or consent of instructor. Offered alternate years.</td>
<td>BIO 342</td>
</tr>
<tr>
<td>BIO 345</td>
<td>This course will study evolutionary principles and methods of analysis using the natural history, anatomy, and systematics of the animal kingdom, protozoans through mammals. Lab time is included in the schedule. A lab fee is required. Prerequisites: C- or better in Bio 101, 111/and 112, or CBio 101, Che 221 and 222 or consent of instructor. Offered alternate years.</td>
<td>BIO 346</td>
</tr>
<tr>
<td>BIO 350</td>
<td>A study of plant and animal molecular and cellular structures, biochemistry, and function is included in this course with an emphasis on the molecular level of cells, cellular metabolism, and the structure and function of the major organelles. Lab time is included in the schedule. A lab fee is required. Prerequisites: C- or better in Bio 111 and 112, Che 221 and 222 or Sci 115, or concurrent enrollment, or consent of department chair.</td>
<td>BIO 351</td>
</tr>
<tr>
<td>BIO 351</td>
<td>As an introduction to bacteria (morphology, physiology, ecological and medical importance) and microorganisms (viruses, rickettsia, pathogenic, protozoa, molds and yeasts), this course’s laboratory sessions will emphasize the culture, physiology, and identification of the</td>
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### Biology

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<tbody>
<tr>
<td>BIO</td>
<td>361</td>
<td>This field-based course will explore common techniques used to conduct biological field research and provide hands-on experience with transects, trapping, quadrats, aquatic survey methods, GPS, GIS, and others. Proper experimental design and statistical analysis of data will be included as students design and conduct their own research projects. During standard Fall or Spring semesters, up to three (3) weekend field trips are possible in addition to field trips during scheduled lab time or longer trips during mid-semester breaks. Prerequisites: Bio 101, CBio 101 or Bio 111, and Che 221 or Sci 115.</td>
</tr>
<tr>
<td>BIO</td>
<td>390</td>
<td>A practical experience outside the classroom this is directly related to the student's major, minor or professional program. It typically involves &quot;hands-on&quot; experience that is beneficial complement to the student's academic experience. This course will take an in-depth look at current biological topics including immunology, virology, or molecular biology focusing on reading and evaluating the primary literature. Library research using scientific journals will be required to prepare a major paper and oral presentation. Topics will vary each semester. Prerequisite: sixteen (16) units of biology; restricted to juniors and seniors.</td>
</tr>
<tr>
<td>BIO</td>
<td>401</td>
<td>As an introduction to research methods and skills in the field of biology, this course will require library research, biological abstracts and journals, field and laboratory research, and statistical analysis be used in the writing of research papers. Lab time is included in the schedule. Prerequisite: SCI 495.</td>
</tr>
<tr>
<td>BIO</td>
<td>496</td>
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### Behavioral Science

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<tr>
<th>Subject</th>
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<tr>
<td>BSC</td>
<td>220</td>
<td>A methodological course that will instruct students in the skill of participant observation and ethnographic reporting through the reading of a variety of ethnographies, collect primary field data, write descriptions, and provide an analysis of a selected community. The class includes a field component.</td>
</tr>
<tr>
<td>BSC</td>
<td>265</td>
<td>This is an introductory course for students intending to do social science and education research that will address the basic principles of elementary statistics through the use of statistical analyses, including basic descriptive measures; sampling and sample size estimation; hypothesis testing; testing for differences between means, correlation, and measures of association; techniques for analyzing categorical data; and summarizing and presenting statistical results. A heavy emphasis will be placed on applications of basic statistical concepts to a wide variety of problems encountered in social, educational, and policy-related research, along with the use of computer packages for assisting in data analysis. Prerequisite: CMth 101, Mth 201, 211, 251, or equivalent.</td>
</tr>
<tr>
<td>BSC</td>
<td>296</td>
<td>This is an experimental learning course in which research techniques and methodologies are studied by developing and carrying out a research project using the following steps: selection of research problems, research design, data collection and analysis, statistical computation, hypothesis testing, and theory building.</td>
</tr>
<tr>
<td>BSC</td>
<td>301</td>
<td>Through individual and group study of selected topics bringing together perspectives of anthropology, psychology, and sociology, this capstone course will emphasize the student's major in synthesis with</td>
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### Behavioral Science

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<tbody>
<tr>
<td>BSC</td>
<td>390</td>
<td>A practical experience outside the classroom that is directly related to the student's major, minor or professional program. It typically involves &quot;hands-on&quot; experience that is beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>BSC</td>
<td>490</td>
<td>An intense practical experience outside the classroom that is integral part of a professional program. This may be either a part-time or a full-time experience that contributes significantly to the preparation of a student for entrance into a profession. Approximately 40 contact hours are required for each unit of credit. Each department may limited the maximum number of internship credit.</td>
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### Business

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<tr>
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<tbody>
<tr>
<td>BUS</td>
<td>201</td>
<td>This survey course will look at today's American business systems, including a study of various types of businesses and the information they gather, store, and process, including administration and management of people, facilities, and information. Course will include relevant computer experience simulating business situations.</td>
</tr>
<tr>
<td>BUS</td>
<td>224</td>
<td>This course will be a study and practice of effective strategies for clear business communication in both written and oral forms, as well as the technology to access and share information.</td>
</tr>
<tr>
<td>BUS</td>
<td>251</td>
<td>Using examples from law of agency, contracts, product liability, government regulations, business organizations, and ethics in American business, this course will emphasize U.S. law including sources, courts, procedures, and torts pertaining to the business environment.</td>
</tr>
<tr>
<td>BUS</td>
<td>261</td>
<td>This course will cover the theoretical and practical aspects of business application programs like spreadsheets, databases, word processing, publishing, and Internet tools used to develop, analyze, and communicate information and business processes including office application programs such as Microsoft Excel, Word, PowerPoint, Access, Project, Visio, and email applications used for business analysis and problem solving strategies.</td>
</tr>
<tr>
<td>BUS</td>
<td>390</td>
<td>This course is a partnership of students, professionals, and educators who work together to teach people about market economics, success skills, entrepreneurship, financial literacy, and ethics, giving students the opportunity to help people around the world while developing skills that are valued in the workplace.</td>
</tr>
<tr>
<td>BUS</td>
<td>475</td>
<td>This Capstone course will integrate the numerous business management courses as students use the case method and computer simulation to conduct external and internal assessment, identify key strategic issues, choose from alternate strategies, and defend those choices. Student will learn to conduct a strategic analysis and make sound strategic decisions using a real company. Prerequisites: business major with senior standing and Act 212, Mgt 321, and Mkt 341.</td>
</tr>
<tr>
<td>BUS</td>
<td>483</td>
<td>This ethical evaluation course will involve ideals, laws, and relationships utilized by the business community including bribery, employer/employee rights, assumption analysis, philosophy, culture of the corporation, and product liability. Prerequisites: business or economics majr with senior standing.</td>
</tr>
<tr>
<td>BUS</td>
<td>490</td>
<td>This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the</td>
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</table>
### Business

**Subject**  | **Course** | **Course Description**
--- | --- | ---
 |  | skills acquired during the internship. Prerequisites: business major with junior or senior standing and Mgt 321. Students must take a minimum cumulative total of two (2) units to a maximum of eight (8) units; earned in one (1)-unit increments. Offered as a Pass/No Pass course.

### Core - Biology

**Subject**  | **Course** | **Course Description**
--- | --- | ---
CBIO | 101 | This interdisciplinary, topic-driven course will review relevant issues in biology (and other disciplines) as they relate to current times including biotechnology, protein synthesis, biodiversity, conservation, evolution, reproductive technology, etc. which are discussed using current scientific data and its relationship to current issues. This is a liberal arts science course and draws upon disciplines such as history, theology and philosophy. Lab time is included in the schedule. Co-requisite: CThl 101; written permission from the Core Curriculum director is needed to take CBio 101 as an unlinked course.

### Christ College

**Subject**  | **Course** | **Course Description**
--- | --- | ---
CCI | 001 | This seminar course is for students pursuing the vocation of pastor in The Lutheran Church-Missouri Synod (LCMS). Participants will explore areas of interest and concern that pertain specifically to pastors. The role of pastors will be examined in the context of the church-at-large and the local congregation. The professional and personal growth and formation of the future pastor will be described and fostered. Students in the Pre-Seminary program must take one (1) seminar course per year, normally in the semester they are not taking CCI 103, 203, 303, or 403. Repeatable. Prerequisite: Program acceptance or consent of instructor.

CCI | 002 | This seminar course is for students pursuing the vocation of Director of Christian Education (DCE) in The Lutheran Church-Missouri Synod (LCMS). Participants will explore areas of interest and concern that pertain specifically to pastors. The role of DCEs will be examined in the context of the church-at-large and the local congregation. The professional and personal growth and formation of the future DCE will be described and fostered. Students in the DCE program must take one (1) seminar course per year, normally in the semester they are not taking CCI 103, 203, 303, or 403. Repeatable. Prerequisite: Program acceptance or consent of instructor.

CCI | 003 | This seminar course is for students pursuing the vocation of Director of Parish Music (DPM) in The Lutheran Church-Missouri Synod (LCMS). Participants will explore areas of interest and concern that pertain specifically to DPMs. The role of DPM will be examined in the context of the church-at-large and the local congregation. The professional and personal growth and formation of the future DPA will be described and fostered. Students in the DPM program must take one (1) seminar course per year, normally in the semester they are not taking CCI 103, 203, 303, or 403. Repeatable. Prerequisite: Program acceptance or consent of instructor.

CCI | 007 | This seminar course is for students pursuing the vocation of Director of Parish Music (DPM) in The Lutheran Church-Missouri Synod (LCMS). Participants will explore areas of interest and concern that pertain specifically to DPMs. The role of DPM will be examined in the context of the church-at-large and the local congregation. The professional and personal growth and formation of the future DPA will be described and fostered. Students in the DPM program must take one (1) seminar course per year, normally in the semester they are not taking CCI 103, 203, 303, or 403. Repeatable. Prerequisite: Program acceptance or consent of instructor.
### Course Descriptions

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<tr>
<td>CCI</td>
<td>008</td>
<td>This seminar course is for students pursuing the vocation of deaconess in The Lutheran Church-Missouri Synod (LCMS). Participants will explore areas of interest and concern that pertain specifically to deaconesses. The role of deaconess will be examined in the context of the church-at-large and the local congregation. The professional and personal growth and formation of the future deaconess will be described and fostered. Students in the deaconess program must take one (1) seminar course per year, normally in the semester they are not taking CCI 103, 203, 303, or 403. Repeatable. Prerequisite: Program acceptance or consent of instructor.</td>
</tr>
<tr>
<td>CCI</td>
<td>103</td>
<td>This course will explore Christian vocations including the possibility of full-time professional church work in the LCMS as pastor, deaconess, teacher, director of Christian education, or director of parish music and examine these positions in the context of the church-at-large and local congregations. The professional and personal growth and formation of the future church worker will be described and fostered.</td>
</tr>
<tr>
<td>CCI</td>
<td>203</td>
<td>This course will explore the history of The Lutheran Church-Missouri Synod (LCMS) and how that has affected the structure and governance of the church. The polity of the Synod in relation to its congregations will be studied so that students will view the structure of Synod, including its congregations, circuits, districts, and national office, as a system that enables the church to carry out its mission effectively. Prerequisite: program acceptance or consent of instructor.</td>
</tr>
<tr>
<td>CCI</td>
<td>303</td>
<td>This course will explore the proper distinction of Law and Gospel and its application in Christian education and ministry through the study of faith development and classroom management being considered as applications of Law and Gospel. Creation and evaluation of curricula, Bible studies, and other materials will also be seen as applications of Law and Gospel. Prerequisite: program acceptance or consent of instructor.</td>
</tr>
<tr>
<td>CCI</td>
<td>319</td>
<td>This course will prepare students and teams for university-sponsored mission and service trips and will be paired with additional team preparation activities.</td>
</tr>
<tr>
<td>CCI</td>
<td>403</td>
<td>This course will prepare students for lives as full-time church work professionals through the study of topics that will enhance the personal and professional lives of the future church work professional: developing a family budget; personal and spiritual life of the called worker; the call process; income tax and social security; retirement and investment planning; and Christian professionalism and ethics. Prerequisite: program acceptance or consent of instructor.</td>
</tr>
<tr>
<td>CED</td>
<td>201</td>
<td>Students will be introduced to the biblical, theological, and historical foundations of Christian education within the church in this course as they meet and observe Christian education practitioners; create a philosophy of ministry; begin a professional portfolio; and explore their personal interests, giftedness, and skills in relation to those needed for success in Christian education leadership. Students will also determine their commitment to The Lutheran Church–Missouri Synod Director of Christian Education program. Course requirement: completion of fingerprint clearance procedures including payment of appropriate fees.</td>
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| CED     | 202    | In this course, students will explore biblical principles and current practices of leaders and managers: envisioning, organizing, recruitment, training, and supervision of
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<tr>
<td>CED</td>
<td>302</td>
<td>This course will equip students to apply the biblical, educational models of discipleship, catechesis, and spiritual formation including principles of inductive Bible study, effective teaching methods, lesson design, curriculum evaluation, and introductory curriculum development. Students will observe and practice teaching skills in a local Lutheran school classroom. Transportation to and from the practicums site is the responsibility of the student. Prerequisites: fingerprint clearance or consent of Christ College's Office of Church Vocations required. Offered alternate years.</td>
</tr>
<tr>
<td>CED</td>
<td>370</td>
<td>This course will examine and evaluate methods and materials appropriate for faith development and reflective of the physical, mental, social, emotional, and spiritual needs of children aged birth through grade six. Evaluation of curriculum, facilities, policies, and procedures towards a comprehensive ministry to and with children and their families will be addressed, emphasizing the involvement of children along with their families into the total life of the church. A fieldwork component is required. Offered alternate years.</td>
</tr>
<tr>
<td>CED</td>
<td>380</td>
<td>In this course students will study the church's ministry with youth in their teenage to young adult years with an emphasis on developmental and socio-cultural theories and research; theological reflection; basic counseling; family systems; and philosophy of youth ministry as it relates to educational and programmatic strategies for involving youth and their families in the total life of the church. A fieldwork component is required. Offered alternate years.</td>
</tr>
<tr>
<td>CED</td>
<td>390</td>
<td>In this course students will spend time on-site with a serving DCE to acquire experience and skills related to DCE ministry including evaluation of the practicum experience. Prerequisites: CED 201 and full acceptance into Christ College and the DCE program (unless waived by the program director). Repeatable.</td>
</tr>
<tr>
<td>CED</td>
<td>401</td>
<td>In this course students will spend time on-site with a serving DCE to acquire experience and skills related to DCE ministry, including evaluation of the practicum experience, presentation of current DCE ministry trends, resources, and philosophies. Prerequisites: student is in final year of and fully accepted into the DCE program/Christian Education Leadership major.</td>
</tr>
<tr>
<td>CED</td>
<td>402</td>
<td>Continuation of CEd 401. Prerequisite: CEd 401.</td>
</tr>
<tr>
<td>CED</td>
<td>460</td>
<td>This course will introduce students to the theological foundation of ministry to and with adults, stages of adulthood, adult learning, generational theories, unique needs of contemporary adults, theory and practice of small group ministry, and current programs and practices which will equip adults for ministry, build-up the body of Christ, and develop adults' faith in Christ. Offered alternate years.</td>
</tr>
<tr>
<td>CED</td>
<td>490</td>
<td>A mentored, full-time, year-long experience in a congregation of The Lutheran Church–Missouri Synod (LCMS) or ministry under the supervision of a called LCMS minister, enabling students to experience as many aspects of a congregation's educational ministries as possible. This may include children's, youth, family, adult, and other congregational ministries (e.g., evangelism, church music, etc.). The internship is designed to be a mutually cooperative ministry relationship.</td>
</tr>
<tr>
<td>CED</td>
<td>402</td>
<td>Continuation of CEd 401. Prerequisite: CEd 401.</td>
</tr>
</tbody>
</table>
### Christian Education

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>CED</td>
<td>491</td>
<td>A continuation of CED 490 in an international context (ordinarily eighteen to twenty-four (18-24) months in duration, taken in the second (2nd) year of an international internship. Prerequisite: two (2) semesters of CED 490.</td>
</tr>
</tbody>
</table>

### Core - English

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>CENG</td>
<td>201</td>
<td>This course will focus on critical thinking and research-based writing through comparative and interdisciplinary analysis. Alongside lectures and class discussion, the study of representative great works of Western and non-Western literature from Antiquity, the Middle Ages, and the Renaissance will emphasize the literary, cultural, and religious significance of these texts. Co-requisite: CHst 201; written permission from the Core Curriculum director is needed to take CEng 201 as an unlinked course.</td>
</tr>
<tr>
<td>CENG</td>
<td>202</td>
<td>This course will focus on critical thinking and research-based writing through comparative and interdisciplinary analysis. Alongside lectures and class discussions, the study of representative great works of Western and non-Western literature from the 17th century to the present will emphasize the literary, cultural, and religious significance of these texts. Co-requisite: CHst 202; written permission from the Core Curriculum director is needed to take CEng 202 as an unlinked course.</td>
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</tbody>
</table>

### Chemistry

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>CHE</td>
<td>101</td>
<td>This course will cover the systematic exploration of basic chemical principles including matter, atoms, ions, moles, molecular and iconic compounds, chemical reactions, stoichiometry, and solutions. Scientific method and epistemology in the context of the interface between the Christian faith and the chemical sciences will be introduced and developed. Lab time is included in the schedule.</td>
</tr>
<tr>
<td>CHE</td>
<td>221</td>
<td>A systematic exploration of fundamental chemical principles including matter, energy, electromagnetic radiation, atomic structure, periodicity, stoichiometry, chemical bonding, and structure will be examined in this course, including the introduction to the scientific method and epistemology in the context of the interface between the Christian faith and the chemical sciences. Lab time is included in the schedule. A lab fee is required. Prerequisite: consent of division chair.</td>
</tr>
<tr>
<td>CHE</td>
<td>222</td>
<td>The major topics of this course will include solubility products, chemical thermodynamics, chemical kinetics, and qualitative analysis. Lab time is included in the schedule. A lab fee is required. Prerequisite: Che 221</td>
</tr>
<tr>
<td>CHE</td>
<td>321</td>
<td>This course will examine the fundamental concepts relating to organic compounds with an emphasis on structure, nomenclature, theory, bonding, stereochemistry, reaction mechanisms, and physical and chemical properties of the principle classes of compounds. Lab time is included in the schedule. A lab fee is required. Prerequisite: Che 222.</td>
</tr>
<tr>
<td>CHE</td>
<td>322</td>
<td>This course will focus on aromaticity, advanced synthesis and reaction mechanisms, kinetics, organometallic chemistry, and bio-organic chemistry. A lab fee is required. Prerequisite: Che 321.</td>
</tr>
<tr>
<td>CHE</td>
<td>354</td>
<td>Through a systematic exposition of major trends in structure, bonding, reactivity, and spectroscopy across the periodic table, this course will</td>
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<td>Subject</td>
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<tr>
<td>CHE</td>
<td>371</td>
<td>A lab fee is required.</td>
</tr>
<tr>
<td>CHE</td>
<td>401</td>
<td>Development of practical, hands-on, cost effective, and safe strategies for teaching modern chemical concepts, imparting rigor, standards, and conducting exciting, pedagogically effective chemistry laboratory experiments in the secondary school setting is will be the focus of this course which meets California K-12 content standards. A lab fee is required. Prerequisite: junior or senior standing.</td>
</tr>
<tr>
<td>CHE</td>
<td>418</td>
<td>An advanced exposition of theoretical concepts with experimental aspects of atomic and molecular spectroscopy on electronic absorption, electronic luminescence, Raman, and infrared spectrosopes within a group theoretical and symmetry-based conceptual framework. Lab time is included in the schedule. A lab fee is required. Prerequisite: Che 431; co-requisite: Che 432 or consent of instructor.</td>
</tr>
<tr>
<td>CHE</td>
<td>421</td>
<td>This course will provide an introduction to the principles of chemistry that govern life systems, including topics in pH and buffers, enzymes, amino acids, proteins, lipids, carbohydrates, nucleic acids, and metabolic pathways with exercises emphasizing protein purification and characterization techniques, plus kinetic modeling. Lab time is included in the schedule. A lab fee is required. Prerequisites: Che 321 and 322 or consent of instructor.</td>
</tr>
<tr>
<td>CHE</td>
<td>424</td>
<td>Theory and fundamental techniques of qualitative and quantitative chemical analysis via classical and advanced instrumental methods will be the focus of this course. Lab time is included in the schedule. A lab fee is required. Prerequisites: Che 222 and 3.0 GPA in chemistry or consent of instructor.</td>
</tr>
<tr>
<td>CHE</td>
<td>431</td>
<td>This course will cover classical thermodynamics: 0th, 1st, 2nd, and 3rd laws, gas laws, and kinetic molecular theory of gases, colligative properties, solubilities, equilibria, phases and phase transitions, and electrochemistry. Lab time is included in the schedule. A lab fee is required. Prerequisites: Che 222, Mth 272, and Phy 211; co-requisite: Mth 373 or consent of instructor.</td>
</tr>
<tr>
<td>CHE</td>
<td>432</td>
<td>This course will examine quantum mechanics; atomic and molecular orbital theory; symmetry, atomic, and molecular spectroscopy; statistical thermodynamics; and philosophical/scientific implications of quantum mechanics. Lab time is included in the schedule. A lab fee is required. Prerequisite: Che 431 or consent of instructor. Offered alternate years.</td>
</tr>
<tr>
<td>CHE</td>
<td>490</td>
<td>This course is an intense, practical, full- or part-time experience outside the classroom that is an integral part of a professional program, contributing significantly to the student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limit the maximum number of internship credit.</td>
</tr>
<tr>
<td>CHE</td>
<td>496</td>
<td>As a hands-on introduction to chemical research, this course will emphasize research process, skills, and methods including lab research, library research, peer reviewed chemical abstracts and journals, electronic chemical databases,</td>
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</table>
## Chemistry

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<tbody>
<tr>
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<td></td>
<td>professional journal manuscript style guides, and statistical analysis which will be used in writing research manuscripts and making research presentations. Lab time is included in the schedule. A lab fee is required. Prerequisite: SCI 495.</td>
</tr>
</tbody>
</table>

## Core - History

### CHST 201
This course will study the emergence and expansion of the major political, cultural, social, and economic developments in the East and the West from the dawn of Western civilization to the early modern era through the reading of significant texts and research-based writing, alongside lectures and class discussion. Co-requisite: CEng 201; written permission from the Core Curriculum director is needed to take CHst 201 as an unlinked course.

### CHST 202
This course will look at the political, cultural, social, and economic developments in America and the world from the rise of the modern nation/state to the modern age through the reading of significant texts and research-based writing, alongside lectures and class discussion. Co-requisite: CEng 202; written permission from the Core Curriculum director is needed to take CHst 202 as an unlinked course.

## Core - Mathematics

### CMTH 101
This course will guide students to gain knowledge about the nature of mathematics and develop their analytical reasoning skills to solve problems through topics such as number theory, probability and statistics, infinity, Non-Euclidean geometry, and general problem solving strategies; additional topics selected in dialog with the philosophy course. The overriding goals of this course are to develop a better perspective of mathematics and discover the power of mathematical thinking. Writing and projects, as well as traditional methods of assessment, will be used. Prerequisite: Intermediate Algebra or equivalent; co-requisite: CPhi 101; written permission from the Core Curriculum director is needed to take CMth 101 as an unlinked course.

### CMTH 101L
Lab for CMTH 101.

## Communication Studies

### COM 111
This course will examine the principles and practice of effective oral communication and the analysis of the speaking-listening process with an emphasis on informative and persuasive impromptu speaking experiences.

### COM 200
As an introduction to communication studies, this course will emphasize preparing students for upper division courses through the study of the history, common themes, and overall structure of the discipline. Students will also be introduced to research, ideas, and communication principles, and be required to express their views in both written and verbal communication.

### COM 211
As a performance-based course, students will learn argument design, use of reason and evidence, and practice in a competitive academic debate setting with a focus on critical thinking, research skills, and the oral expression of arguments with rhetorical and presentational power.

### COM 216
This course will analyze person-to-person communicative behavior in contexts ranging from informal to organizational looking at topics such as attraction, trust, language, and nonverbal behavior.
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</thead>
<tbody>
<tr>
<td>COM 222</td>
<td>This course will introduce the basics of journalism writing, style, theory, investigation, ethics and interviewing including news, features, sports, review and opinion styles. At least six (6) written articles will be submitted to The Concordia Courier.</td>
<td></td>
</tr>
<tr>
<td>COM 231</td>
<td>This course will introduce the practice of journalism with an emphasis on one or more combinations of news writing, opinion writing, layout, and production of The Concordia Courier.</td>
<td></td>
</tr>
<tr>
<td>COM 232</td>
<td>This course will introduce the practice of journalism with an emphasis on one or more combinations of news writing, opinion writing, layout, and production of The Concordia Courier.</td>
<td></td>
</tr>
<tr>
<td>COM 280</td>
<td>As a systematic exploration of the theories scholars use to explain human communication, this course will deal with rhetoric, persuasion, interpersonal, intercultural, small group, media, organizational, and gender communications.</td>
<td></td>
</tr>
<tr>
<td>COM 311</td>
<td>This course is an advanced study of speech communication with an emphasis on professional speaking techniques, humor, and the use of stories. Oral assignments will include serious and humorous personal stories that make a point; persuasive and special occasion speeches; and a final professional presentation. Speeches will be viewed and analyzed. Prerequisite: Com 111 or 211 or consent of instructor.</td>
<td></td>
</tr>
<tr>
<td>COM 321</td>
<td>This course will focus on the personalities, inventions, developments, terminologies, and issues closely associated with seven (7) mass media industries with a special emphasis on internship preparation and media job opportunities. Article reports using business magazines, newspapers, and trade journals read by media professionals will be required.</td>
<td></td>
</tr>
<tr>
<td>COM 324</td>
<td>Social and cultural variables in speech communication processes and strategies for resolving communication problems in intercultural settings with an emphasis on variables such as perception, roles, language codes, and nonverbal communication will be examined in this course.</td>
<td></td>
</tr>
<tr>
<td>COM 328</td>
<td>Group process theories relevant to communicative behavior in the small group setting will be examined in this course along with the analysis of group member behavior, interaction patterns, and problem-solving techniques in various group discussion settings. Prerequisite: Com 216.</td>
<td></td>
</tr>
<tr>
<td>COM 331</td>
<td>As an advanced experience in the practice of journalism this course will emphasize any one or a combination of news writing, editing, and page layout as well as production of The Concordia Courier. Prerequisites: Com 222 or 231 and 232.</td>
<td></td>
</tr>
<tr>
<td>COM 332</td>
<td>As an advanced experience in the practice of journalism this course will emphasize any one or a combination of news writing, editing, and page layout as well as production of The Concordia Courier. Prerequisites: Com 222 or 231 and 232.</td>
<td></td>
</tr>
<tr>
<td>COM 335</td>
<td>This course will examine the theory and research on nonverbal aspects of communication with an emphasis on developing effective communication skills related to physical appearance, dress, body movement, face and eye communication, vocal cues, and the use of environment and space.</td>
<td></td>
</tr>
<tr>
<td>COM 340</td>
<td>Primarily from a social scientific approach, this course will examine the basic theories and techniques of influence, providing students with an awareness of the nature, function, and scope of attitude change as well as the concepts of attitudes, credibility, resistance to persuasion, ethics, and modern advertising practices.</td>
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<tr>
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<td>Course Description</td>
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<tr>
<td>COM</td>
<td>344</td>
<td>This course will examine the theory and techniques of oral communication in the process of interviewing with the practical application to employment, information gathering (as in journalism and investigations), and persuasive interviews (as in selling and legal argument).</td>
</tr>
<tr>
<td>COM</td>
<td>371</td>
<td>This course will explore the fundamentals of and introduce social media and other emerging technologies and tools, current trends and future directions, benefits, values, and risks. Case studies will be reviewed to assess how social media impacts and influences fields such as communication and marketing and how it informs future trends and developments. Prerequisite: Wrt 102 or its equivalent or consent of the instructor.</td>
</tr>
<tr>
<td>COM</td>
<td>390</td>
<td>A practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>COM</td>
<td>391</td>
<td>This is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>COM</td>
<td>392</td>
<td>This is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>COM</td>
<td>393</td>
<td>This is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>COM</td>
<td>394</td>
<td>This is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>COM</td>
<td>412</td>
<td>This course will examine script writing for radio, television and film with projects including announcements, commercials, news, features, documentaries, comedy, and game and music shows.</td>
</tr>
<tr>
<td>COM</td>
<td>422</td>
<td>Public relations (PR) as a communication discipline will be examined in this course with an emphasis on developing and implementing campaigns including presentations by PR professionals and in-class projects/exercises on topics such as public relations in nonprofit organizations, corporate and social responsibility, media relations, technology, and ethical issues.</td>
</tr>
<tr>
<td>COM</td>
<td>431</td>
<td>This course represents the highest level of journalistic expertise and is reserved for members of The Concordia Courier editorial staff. Prerequisite: consent of the instructor.</td>
</tr>
<tr>
<td>COM</td>
<td>432</td>
<td>This course represents the highest level of journalistic expertise and is reserved for members of The Concordia Courier editorial staff. Prerequisite: consent of the instructor.</td>
</tr>
<tr>
<td>COM</td>
<td>451</td>
<td>The role of communication in achieving organizational goals; the theory and practice of communication in private and public organizations; and techniques to enhance understanding in organizations will be examined in this course.</td>
</tr>
</tbody>
</table>
| COM     | 471    | This course will utilize the practical tools and strategies required to successfully leverage social networks to develop and understand core concepts that can be applied to various applications. Three to five (3-5) hours a week with a media company in the Southern California area learning how sales, marketing, and production integrate social media solutions to capture potential target markets are required. Prerequisite: Com 371 or consent of
Communication Studies

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<tbody>
<tr>
<td>COM</td>
<td>485</td>
<td>The history, nature, purpose, and methods of communication criticism will be studied in this course along with eight (8) critical approaches to human communication events. An article review and group presentation are required. Prerequisite: junior standing.</td>
</tr>
<tr>
<td>COM</td>
<td>488</td>
<td>As an introduction to the research process, this course will examine how research is planned and designed; introduce the process of data collection and analysis; explore the methodology for communication research (including sampling, questionnaire design, and introduction to statistics); and provide experiences in conducting original research.</td>
</tr>
<tr>
<td>COM</td>
<td>490</td>
<td>This course is an intense, practical, full- or part-time experience outside the classroom that is an integral part of a professional program, contributing significantly to the student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limit the maximum number of internship credit.</td>
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Core - Philosophy

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<tbody>
<tr>
<td>CPHI</td>
<td>101</td>
<td>This course will explore the study and practice of rational inquiry into fundamental questions about human wisdom, action, and creativity through the study of the traditions of Western philosophy through classic texts. Co-requisite: CMth 101; written permission from the Core Curriculum director is needed to take CPhi 101 as an unlinked course.</td>
</tr>
<tr>
<td>CPHI</td>
<td>200</td>
<td>This course will explore the study and practice of rational inquiry into fundamental questions about human wisdom, action, and creativity as students learn the elements of rational inquiry through the study of the traditions of western philosophy through classic texts. Co-requisite: CThl 200; written permission from the Core Curriculum director is needed to take CPhl 200 as an unlinked course.</td>
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Core - Theology

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<tbody>
<tr>
<td>CTHL</td>
<td>101</td>
<td>This course will study the source of Christian theology, namely the Holy Scriptures. Drawing upon the Scriptures as well as historical and doctrinal writings by Christian theologians, students will examine major teachings of the Christian faith with differing understandings of these teachings being explored and, when appropriate, enabling students to understand and articulate the basic tenets of Christianity. Co-requisite: CBio 101; written permission from the Core Curriculum director is needed to take CThl 101 as an unlinked course.</td>
</tr>
<tr>
<td>CTHL</td>
<td>200</td>
<td>This course will study the source of Christian theology, namely the Holy Scriptures by drawing upon them as well as historical and doctrinal writings by Christian theologians as students examine major teachings of the Christian faith enabling them to understand and articulate the basic tenets of Christianity. Co-requisites: CPhi 200; written permission from the Core Curriculum director is needed to take CThl 200 as an unlinked course.</td>
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Dance

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<th>Subject</th>
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<tbody>
<tr>
<td>DAN</td>
<td>101</td>
<td>This course will introduce the history, origins, various styles, basic ballet positions, movements, and combinations, as well as French ballet terms and their meanings.</td>
</tr>
<tr>
<td>DAN</td>
<td>102</td>
<td>As a continuation of Dan 101, this course will further explore the technical and expressive elements of ballet, as well as historically significant ballet schools and styles and is designed to advance the performance level of students who have mastered the basic skills and vocabulary of ballet. Students will practice and perform advanced barre exercises, demi-pointe work, and</td>
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## Dance

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<tbody>
<tr>
<td>DAN 111</td>
<td></td>
<td>Increasingly complex connecting movements. This course will introduce the fundamentals of jazz dance including its history and styles and is designed for students with no dance experience and experienced dancers wishing to perfect basic jazz dance skills. Jazz dance techniques will be presented and practiced in class, with an emphasis on combinations using a variety of rhythms and styles. Class participation is intended to develop an appreciation for the physical demands of jazz dancing.</td>
</tr>
<tr>
<td>DAN 112</td>
<td></td>
<td>This course introduces the fundamentals of modern dance and its history, and is designed for both students with no dance experience as well as experienced dance students. Students will participate in movement studies and improvisations that deal with shape, space, time, and energy, along with four main dance principles that will encourage creativity and individuality. Emphasis will be on developing axial and loco-motor skills, performing movement combinations, conditioning the body, and solving creative problems.</td>
</tr>
<tr>
<td>DAN 131</td>
<td></td>
<td>All activity courses examine techniques, rules, strategies, and skill development.</td>
</tr>
<tr>
<td>DAN 141</td>
<td></td>
<td>This course will introduce beginning tap dance techniques, history, and performance with a focus on the rhythm tap style with other styles included. Students will practice fundamental tap dance skills, rhythms including swing and Latin; syncopation; time steps; short combinations; and stylings.</td>
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## Economics

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<tbody>
<tr>
<td>ECO 201</td>
<td></td>
<td>This course will survey the scope and methods of the study of economics; the principles underlying the production, exchange, distribution and consumption of wealth along with various economic problems. The systematic investigation of the market structure of American capitalism, encompassing the production and distribution of income, welfare economics and current domestic problems.</td>
</tr>
<tr>
<td>ECO 202</td>
<td></td>
<td>This introductory course will look at specific aspects of the economy such as households, firms, and markets, including the investigation of supply and demand in the product market, the perfectly competitive market, monopoly and imperfect competition, and the role of government in private economy. Emphasis will be given to economic challenges of the future.</td>
</tr>
<tr>
<td>ECO 221</td>
<td></td>
<td>This is a survey course of the history of economic thought from 1600 to 2000, focusing on primary works and discussion of their historical context. Major authors covered will include Smith, Marx, Marshall, and Keynes. Specific policy areas surveyed include internal improvements, money and banking, tariffs, trade, antitrust, and regulation. Recommended prerequisite: Eco 201.</td>
</tr>
<tr>
<td>ECO 321</td>
<td></td>
<td>This course will teach descriptive statistics, probability, random variables and their distributions, sampling, statistical inference including confidence interval estimation, hypothesis testing, game theory, and regression analysis. Prerequisites: fulfillment of the general education math requirement, Eco 201, 202 and Mth 252.</td>
</tr>
<tr>
<td>ECO 323</td>
<td></td>
<td>This course is an overview of financial markets and institutions including stock and bond markets, money markets, derivatives, financial intermediaries, monetary policy, and international currency markets. Prerequisite: Eco 201.</td>
</tr>
<tr>
<td>ECO 340</td>
<td></td>
<td>This course will consider the relationship between economic and moral systems by examining markets for goods and services that are private &quot;goods&quot; and social &quot;bads,&quot; such as transplantable organs, cigarettes, alcohol, sex,</td>
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## Economics

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<tbody>
<tr>
<td>ECO 421</td>
<td>This course uses principals of economic and statistical analysis in management decision making and practical problem solving; demand evaluation and sales forecasting; cost and profitability analysis; pricing policy; extensive use of case studies. Prerequisites: Eco 321.</td>
<td></td>
</tr>
<tr>
<td>ECO 428</td>
<td>This course uses economic methodology to evaluate important social policy issues in the U.S., with a focus on the role of government in shaping social policy and its impact on individuals. Students will complete an in-depth economic evaluation on one (1) of the following three (3) topics: Environmental and Natural Resource Economics; Economics of Health; or Economics of Education. Prerequisites: Eco 201 and 202.</td>
<td></td>
</tr>
<tr>
<td>ECO 429</td>
<td>This course will give an overview of environmental law on business organizations and their behavior, focusing on state and federal statutory and case law dealing with analysis of environmental impacts; control of air and water pollution; regulation of toxic substances; preservation of natural areas, habitat, and endangered species; and with a special emphasis on the impact of various governmental policies and environmental laws on industry, business, real estate development, and conservation programs. Prerequisite: Bus 201, 251, Eco 201 or 202.</td>
<td></td>
</tr>
<tr>
<td>ECO 485</td>
<td>This capstone course will integrate and apply key economic theory and models through the student's original choice of research; evaluation of the thesis will be by committee. Prerequisite: Eco 321.</td>
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## Education: Specialist Cred

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>EDSP 098</td>
<td>This non-credit online seminar course, taken in conjunction with the credential coursework sequence, fulfills the Level I technology competencies required by the California Commission on Teacher Credentialing (CCTC). Taken concurrently with the first credential course, students must complete this course by the sixth (6th) week of the first semester.</td>
<td></td>
</tr>
<tr>
<td>EDSP 202</td>
<td>This course will present the historical and philosophical foundations of teaching special populations in California schools through the examination of the California Teaching Performance Expectations (TPEs) for Education Specialists. Students will observe the broad range of service delivery options for pupils with mild to moderate disabilities with all course observations and activities being viewed through the lens of the TPEs for the Education Specialist. A minimum of twenty (20) hours of fieldwork in a university-assigned placement during K-12 public school hours is required. Students must arrange their own transportation to the school site. Minimum grade of B- is required for those students applying to the School of Education. Prerequisites: certificate of clearance; current TB (tuberculosis) test.</td>
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<tr>
<td>EDSP 301</td>
<td>This course will present the major concepts, principles, theories, research, and applications related to the typical and atypical cognitive, social, emotional, physical, and moral development of children and adolescent pupils in inclusive classrooms. Students will learn the major concepts, principles, and research associated with human learning, achievement, motivation, conduct, and attitude as they examine the characteristics of exceptional persons with mild to moderate disabilities.</td>
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<tr>
<td>EDSP 400</td>
<td>This seminar course will provide an opportunity for Early Childhood Program and Early Childhood...</td>
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<td>EDSP 401</td>
<td>Students will learn a variety of approaches to planning, managing, delivering, and assessing instruction in inclusive classrooms as they examine both formal and informal pupil assessment, including curriculum-based assessment in this course. Students will learn and apply principles and strategies of differentiated instruction to assessment and instructional planning for diverse pupils. Prerequisites: admission to the teacher education program; concurrent enrollment in EdSP 451.</td>
</tr>
<tr>
<td></td>
<td>EDSP 402</td>
<td>This course will examine strategies for the inclusive classroom and the development of individual behavior management plans through an examination of the Individual Educational Program/Individualized Family Service Plan (IEP/IFSP) processes, legal requirements, and responsibilities, along with the effects of pupil health and safety on learning. Students will learn skills for communicating, collaborating, and working with families, and supporting professionals and school personnel. Prerequisites: admission to the teacher education program; EdSP 401 or concurrent enrollment.</td>
</tr>
<tr>
<td></td>
<td>EDSP 422</td>
<td>This course will offer in-depth coverage of characteristics of both Autism Spectrum Disorders (ASD) and Social Communication Disorders (SCD) as found in the DSM V. Current research will be reviewed and analyzed to determine how ASD and SCD relate to brain development, learning styles, and executive functioning. Students will learn and apply principles of formal and informal assessment procedures, early identification and intervention, individualization, and intervention environments for a person from birth through 22 years of age. In this course, students will examine informal, formal, and standardized assessments appropriate for pupils with mild to moderate disabilities as they learn to interpret assessment data, write assessment reports, and use the data to determine eligibility, monitoring of progress, and designing individual pupil instructional plans. Students will also plan and deliver focused instruction in mathematics, writing conventions, speaking, and listening. Up to ten (10) hours of fieldwork in a university-assigned placement is required. Prerequisites: admission to the teacher education program; EdSP 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
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<td></td>
<td>EDSP 425</td>
<td>Students will learn how to manage and implement all elements of the IEP/ITP (Individual Educational Program/Individualized Family Service Plan) processes, including implementation of all legal requirements in this course. Strategies for developing effective communication, collaboration, and consultation skills with teachers, school personnel, parents, and community agencies will be presented. Up to ten (10) hours of fieldwork in a university-assigned placement is required or concurrent enrollment in EdSP 480. Prerequisites: admission to the teacher education program, EdSP 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
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<tr>
<td></td>
<td>EDSP 448</td>
<td>As early childhood programs offer a variety of philosophies and activities to meet the physical, social, emotional, and spiritual needs of</td>
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<tr>
<td>EDSP</td>
<td>451</td>
<td>This course will address the impact of culture, language, socio-economic status, religion, and gender on the education of elementary and secondary pupils as students examine theories of first and second language acquisition and effective strategies for teaching English learners and apply these strategies to course activities and assignments. Prerequisites: admission to the teacher education program; concurrent enrollment in EDSP 401.</td>
</tr>
<tr>
<td>EDSP</td>
<td>460</td>
<td>As it follows the guidelines set forth by the California Commission on Teacher Credentialing (CCTC) in 2008, the California Common Core State Standards, and the Reading Instruction Competence Assessment (RICA) Content Specifications, this course will focus on preparing students to instruct reading and language arts in diverse classrooms. Prerequisites: admission to the teacher education program, EduC/EdSP 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
</tr>
<tr>
<td>EDSP</td>
<td>468</td>
<td>This course will examine the strategies and tools for appropriate assessment of development in young children, ages 0-8, by focusing on the teacher's role in guiding and supporting the development of behavior and social skills in young children. Current research will be emphasized and formal and informal assessment tools will be examined.</td>
</tr>
<tr>
<td>EDSP</td>
<td>480</td>
<td>Consisting of at least forty (40) hours of field experience in a university-assigned placement during K-12 public school hours and seminars, this course will prepare students to teach in mild/moderate special education classrooms. Students will develop an understanding of instructional planning, delivery, and how to meet the needs of diverse learners. Through the activities of this course, students will complete the first two (2) tasks of the California Teaching Performance Assessment (CalTPA). Minimum grade of B- required. Students must arrange their own transportation to the school site. Prerequisites: current Certificate of Clearance; current TB (tuberculosis) test; CSET (California Subject Examination for Teachers) verification; completion of or concurrent enrollment in EDSP 425 and 426.</td>
</tr>
<tr>
<td>EDU</td>
<td>435</td>
<td>This course will provide an overview of child language development and second language acquisition for language-minority students as methods and materials that enhance language acquisition are presented, studied, and developed.</td>
</tr>
<tr>
<td>EDU</td>
<td>466</td>
<td>As children are impacted by the reality of violence in aspects of their daily lives or by the subjective fear of impending dangers, this course will explore the developmental consequences and strategies to cope with man-made and natural disasters. Books, toys, music, and media to foster communication and positive resolutions will be identified.</td>
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<td><strong>Subject</strong></td>
<td><strong>Course</strong></td>
<td><strong>Course Description</strong></td>
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<tr>
<td>EDU</td>
<td>468</td>
<td>This course will examine the strategies and tools for appropriate assessment of development in young children, ages 0-8 by focusing on the teacher's role in guiding and supporting the development of behavior and social skills in young children. Current research will be emphasized and formal and informal assessment tools will be examined.</td>
</tr>
<tr>
<td>EDU</td>
<td>491</td>
<td>This practicum course provides a first-hand opportunity for the early childhood program student to experience young children in an early childhood classroom. Opportunities will be provided to work with children, parents, and staff, including participation in staff meetings, parent conferences, and special events. Students will journal all experiences with particular focus on child development, curriculum content, and developmentally appropriate instructional approaches.</td>
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<th><strong>Education: Credential</strong></th>
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<td><strong>Subject</strong></td>
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| EDUC | 402 | This course will examine strategies for the inclusive classroom and the development of individual behavior management plans through an examination of the Individual Educational Program/ Individualized
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<th>Subject</th>
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<tr>
<td>Family Service Plan (IEP/IFSP) processes, legal requirements, and responsibilities, along with the effects of pupil health and safety on learning. Students will learn skills for communicating, collaborating, and working with families, and supporting professionals and school personnel. Prerequisites: admission to the teacher education program; EduC 401 or concurrent enrollment.</td>
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<tr>
<td>EDUC 422</td>
<td>Students will learn approaches to planning, managing, delivering, and assessing instruction in science and mathematics as they draw upon social, cultural, and historical foundations and learning theories as they plan instruction in this course. Prerequisites: admission to the teacher education program; EduC 401 and 451; and CSET (California Subject Examination for Teachers) verification.</td>
<td></td>
</tr>
<tr>
<td>EDUC 423</td>
<td>Students will learn approaches to planning, managing, delivering, and assessing instruction in history, arts, and physical education as they draw upon social, cultural, and historical foundations, and learning theories in this course. Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
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</tr>
<tr>
<td>EDUC 424</td>
<td>Students preparing to teach in secondary classrooms will gain an understanding of the secondary school curriculum through the examination of recent research, use the California Frameworks, and K-12 Content Standards to explore their subject areas and evaluate curriculum materials in this course. Emphasis will be given to preparing lesson plans that meet the diverse needs of pupils. Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
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</tr>
<tr>
<td>EDUC 451</td>
<td>This course will address the impact of cultural, socio-economic status, religion, and gender on the education of elementary and secondary pupils as students examine theories of first and second language acquisition along with effective strategies for teaching English learners. Students will apply these strategies to course activities and assignments. Prerequisites: admission to the teacher education program; concurrent enrollment in EduC 401.</td>
<td></td>
</tr>
<tr>
<td>EDUC 460</td>
<td>This course will focus on preparing students to teach reading and language arts in diverse classrooms, following the guidelines set forth by the California Commission on Teacher Credentialing (CCTC) in 2008, the California Common Core State Standards, and the Reading Instruction Competence Assessment (RICA) Content Specifications. Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
<td></td>
</tr>
<tr>
<td>EDUC 470</td>
<td>Using the guidelines sent forth by the California Commission on Teacher Credentialing (CCTC) and the California and Common Core State Standards as the basis of this course, students will examine the theory and practice of reading instruction as applied to the content areas of middle and secondary schools with an emphasis on the development of reading techniques ranging from assessment of individual skills, selection of appropriate materials, and strategies for instruction in subject areas for diverse classrooms. Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET (California Subject Examination for Teachers) verification.</td>
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| EDUC 480 | This is the last course taken before EduC 482 and consists of thirty (30) hours of field experience during K-12 public school hours and class seminars and will prepare students to teach in elementary classrooms as they develop an understanding of instructional planning, delivery, and how to meet the needs of diverse learners. Through the activities of this course, students will complete the first two (2) tasks of the California Teaching Performance Assessment (CalTPA). Students must arrange their own
**Education: Credential**

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<th>Subject</th>
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<tr>
<td>EDUC 481</td>
<td>ENG 201</td>
<td>This is an introductory course to various literary themes and several critical approaches with a focus on verbal and written interpretation and personal application of the following literary themes: innocence and experience; conformity and rebellion; love and hate; and the presence of death.</td>
</tr>
<tr>
<td>EDUC 482</td>
<td>ENG 271</td>
<td>This course will introduce the major critical schools and controversies of the 20th century including New Criticism, Deconstruction, New Historicism, Psychological, and Feminist Criticisms. Lectures, readings, and workshops will focus on the critical writing process and developing a strong written command of the variety of papers appropriate for an English major.</td>
</tr>
<tr>
<td>EDUC 483</td>
<td>ENG 341</td>
<td>This course will survey American literature from its beginning to 1850 including journals, diaries, sermons, and pamphlets with an emphasis on the writings of Irving, Hawthorne, Poe, and Melville. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td></td>
<td>ENG 342</td>
<td>This course will survey American literature from 1850 to 1945 emphasizing the literary movements of Realism, Naturalism and the roots of modern American literature. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td></td>
<td>ENG 361</td>
<td>This course will survey representative English prose, poetry, and drama from the Anglo-Saxon period to 1800 and look at the readings from such writers as Beowulf, Chaucer, Shakespeare, Donne, Swift, Pope, and Johnson.</td>
</tr>
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Transportation to the university-assigned school site. Minimum grade of B- required. Prerequisites: current certificate of clearance; current TB (tuberculosis) test; completion of or concurrent enrollment in EduC 422, 423 and 460, CSET (California Subject Examination for Teachers) verification.

This is the last course taken before EduC 482 and consists of thirty (30) hours of field experience during K-12 public school hours and class seminars and will prepare students to teach in secondary classrooms as they develop an understanding of grades 7-12 curriculum, how to meet the needs of diverse learners, and instructional planning and delivery. Through the activities of this course, students will complete the first two (2) tasks of the California Teaching Performance Assessment (CalTPA). Minimum grade of B- required. Students must arrange their own transportation to the university-assigned school site. Prerequisites: current certificate of clearance, current TB (tuberculosis) test; completion of or concurrent enrollment in EduC 424 and 470; CSET (California Subject Examination for Teachers) verification.

Student teaching is a full semester, all day experience at a qualified school site under the supervision of a cooperating teacher and university supervisor. Teaching strategies and classroom management are practiced at grade levels and in subject matter that represent the student teacher's career choice. Prerequisites: completion of all program courses; acceptance into the student teaching program; passing scores on the CSET (California Subject Examination for Teachers) examination.
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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>ENGL</td>
<td>362</td>
<td>Students will also become acquainted with the literary heritage of the English-speaking world. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td>ENGL</td>
<td>362</td>
<td>This course will survey British literature from the late 18th through the 19th century considering the Romantic and Victorian approaches to life through the study and critical discussion of such writers as Blake, Wordsworth, Coleridge, Mary Shelley, Keats, Tennyson, Elizabeth Barrett Browning, and Robert Browning. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td>ENGL</td>
<td>371</td>
<td>Discussion and analysis of selected literary texts from various critical approaches including traditional, formalist, psychological, mythological, archetypal and exponential. Prerequisite: Eng 201.</td>
</tr>
<tr>
<td>ENGL</td>
<td>380</td>
<td>An intensive study of literature written by women, this course will emphasize representations of gender in different cultural and aesthetic contexts and explore the unique contributions and genres particular to women's writing. Prerequisite: Eng 201 or CEng 201 or 202. Offered alternate years.</td>
</tr>
<tr>
<td>ENGL</td>
<td>382</td>
<td>This course will provide an in-depth study of postcolonial theory and literature from South Asia, Africa, and the Caribbean with readings and discussions focusing on postcolonial theory, common themes, literary technique, the role of religion, and the question of personal and national identity. Prerequisite: Eng 201 or CEng 201 or 202. Offered alternate years.</td>
</tr>
<tr>
<td>ENGL</td>
<td>383</td>
<td>This course will survey 20th and 21st century poetry, poets, and literary movements. Prerequisite: Eng 201 or CEng 201 or 202. Offered alternate years.</td>
</tr>
<tr>
<td>ENGL</td>
<td>385</td>
<td>This advanced survey course that will look at the development of literary modernism as represented in major European and American novels including such novelists as Proust, Joyce, Woolf, Faulkner, and Ellison. Prerequisite: Eng 201 or CEng 201 or 202. Offered alternate years.</td>
</tr>
<tr>
<td>ENGL</td>
<td>386</td>
<td>This survey course will look at the transition from Modern to Postmodern literature in South Korea, Armenia, and Greece as well as postcolonial theory from Ethiopia, Ghana, and Bolivia, including readings, lectures, discussions, and assessments on postcolonial theory, postmodernism, literary technique, the role of religion, and the question of personal and national identity.</td>
</tr>
<tr>
<td>ENGL</td>
<td>387</td>
<td>In this course students will read, critically analyze, discuss, and evaluate selected plays from 1890 through the 21st century, including such dramatists as Ibsen, O’Neill, Pirandello, Lorca, Miller, Williams, and Albee. Attending a performance may be required. Prerequisite: Eng 201 or CEng 201 or 202. Offered alternate years.</td>
</tr>
<tr>
<td>ENGL</td>
<td>389</td>
<td>An intensive study of films and screenplays as literature, this course will emphasize the elements unique to the genre within the context of the modern literary world. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td>ENGL</td>
<td>390</td>
<td>This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.</td>
</tr>
<tr>
<td>ENGL</td>
<td>391</td>
<td>As a survey of the history of children's literature, this course will examine a wide variety of children's books and related media and strategies for use in the preschool and elementary classroom. Prerequisite: Eng 201 or CEng 201 or 202.</td>
</tr>
<tr>
<td>ENGL</td>
<td>392</td>
<td>This course will study the literary and sacred masterpieces from the countries visited during the Around-the-World semester and examine these texts in light of their historical context, literary technique, the role...</td>
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### English

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<th>Subject</th>
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<tr>
<td>ENG</td>
<td>441</td>
<td>Extensive reading and in-depth study of one or more significant American authors with special attention to their themes, literary techniques, and traditions will be the focus of this course. Prerequisites: Eng 201 or CEng 201 or 202, Eng 271, 341, or 342. Offered alternate years.</td>
</tr>
<tr>
<td>ENG</td>
<td>451</td>
<td>This course will take an intensive look at a literary topic or writer with attention to intellectual and literary milieu through which students refine techniques of literary research and scholarship. Prerequisites: Eng 201 or CEng 201 or 202; Eng 271; senior status or permission of instructor or division chair.</td>
</tr>
<tr>
<td>ENG</td>
<td>461</td>
<td>This course will include extensive reading and in-depth study of significant longer works by several English authors with special attention to their themes and literary techniques. Prerequisites: Eng 201 or CEng 201 or 202, Eng 271, 361 or 362. Offered alternate years.</td>
</tr>
<tr>
<td>ENG</td>
<td>466</td>
<td>Critical reading and analysis of selected examples of Shakespeare's histories, comedies, and tragedies will be the focus of this course. Prerequisite: Eng 201 or CEng 201 or 202, Eng 271.</td>
</tr>
<tr>
<td>ENG</td>
<td>471</td>
<td>As an advanced study of primary texts from the history of literary criticism and the major critical schools of the 20th century, this course will include formalism, deconstruction, psychoanalysis, feminism, new historicism, and post-colonialism. Readings will focus on essays and criticism from Plato to Plotinus to Foucault and Stanley Fish. Prerequisites: Eng 201 or CEng 201 or 202, and Eng 271. Offered alternate years.</td>
</tr>
<tr>
<td>ENG</td>
<td>477</td>
<td>An overview of the history of English and an examination of the development of the language through its linguistic elements, this course will include traditional and contemporary grammar, phonetics, syntax, semantics, patterns of language change, dialects, orthography, etymology, representative oral and written communication, and other related issues. Prerequisites: Eng 201 or CEng 201 or 202, and Eng 271.</td>
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### Exercise Sport Science

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<th>Subject</th>
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<tr>
<td>ESS</td>
<td>101</td>
<td>Students will explore the values and benefits derived from the maintenance of a physically active life style and its contribution to the individual's physical and mental well-being in this course including instruction and laboratory experiences in physical fitness.</td>
</tr>
<tr>
<td>ESS</td>
<td>110</td>
<td>This course will cover the theory and practice for prevention and care of accidents and sudden illness including the requirements for Red Cross Standard First Aid and CPR (cardiopulmonary resuscitation) certification. Nominal fee.</td>
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<tr>
<td>ESS</td>
<td>111</td>
<td>This course will introduce the official singles and doubles games at the beginning level for those striving for a healthy lifetime activity. Students practice forehand and backhand strokes, serves, basic strategies, footwork, scoring, and court etiquette. Intercollegiate volleyball</td>
</tr>
<tr>
<td>ESS</td>
<td>112</td>
<td>Intercollegiate Cheer</td>
</tr>
<tr>
<td>ESS</td>
<td>113</td>
<td>Intercollegiate Cheer</td>
</tr>
<tr>
<td>ESS</td>
<td>114</td>
<td>This course will introduce the official singles and doubles games of badminton at the beginning level as students practice basic strokes, footwork, strategies, rules, scoring, and court etiquette. Intercollegiate basketball</td>
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<tr>
<td>ESS</td>
<td>116</td>
<td>Intercollegiate basketball</td>
</tr>
<tr>
<td>ESS</td>
<td>117</td>
<td>Intercollegiate soccer</td>
</tr>
<tr>
<td>ESS</td>
<td>119</td>
<td>This course will introduce the official rules, techniques, and strategies, as students practice basic skills. A nominal fee will be charged.</td>
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<tr>
<td>ESS 120</td>
<td>Intercollegiate baseball</td>
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<tr>
<td>ESS 121</td>
<td>Intercollegiate softball</td>
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<tr>
<td>ESS 122</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity. Students will be introduced to official rules, holds, and strategies at the beginning level.</td>
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<tr>
<td>ESS 123</td>
<td>Intercollegiate cross country</td>
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<tr>
<td>ESS 124</td>
<td>Intercollegiate track</td>
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<tr>
<td>ESS 126</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 127</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 128</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity. A nominal fee will be charged.</td>
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<tr>
<td>ESS 131</td>
<td>This course will introduce the official singles and doubles games at the beginning level and provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 132</td>
<td>This course will introduce the techniques, rules, and etiquette as students serve, set, score, learn other volleyball strategies, and incorporate these skills in playing volleyball.</td>
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<tr>
<td>ESS 136</td>
<td>This course will introduce students to the basic practice skills, footwork, strategies, rules, scoring, and court etiquette while also providing an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 138</td>
<td>Intermediate Tae Kwon Do (Nominal fee)</td>
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<td>ESS 140</td>
<td>This course will introduce the techniques, rules, and etiquette as students practice chipping, putting, and golfing strategies, incorporating these skills in playing a round of golf. Students are responsible for balls, green fees, and clubs.</td>
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<tr>
<td>ESS 141</td>
<td>This course will introduce the rules and procedures for safe scuba diving.</td>
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<tr>
<td>ESS 142</td>
<td>This course will introduce the official game rules while also providing an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 143</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 144</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 145</td>
<td>This course will provide an exercise program for those striving for a healthy lifetime activity.</td>
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<tr>
<td>ESS 146</td>
<td>Intercollegiate swimming and diving.</td>
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<td>ESS 147</td>
<td>Intercollegiate water polo.</td>
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<tr>
<td>ESS 199</td>
<td>Physical education activities specially tailored to the needs and abilities of students who cannot participate in regularly-scheduled physical education classes because of physical condition, age, or unavoidable schedule conflicts will be studied in this course. Students must be approved by and make arrangements with the division chair before registering for this class.</td>
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<tr>
<td>ESS 222</td>
<td>This course will provide knowledge about the broad field of sport management and the elements of managing people, operations, finance, and the work environment in a variety of occupational settings with insight into strategies for professional preparation and career opportunities being discussed. Special topics will include public relations, marketing, legal issues, interviewing, leadership, effective communication, sport ethics, and perspectives on international sports.</td>
<td></td>
</tr>
<tr>
<td>ESS 225</td>
<td>A theory to practice approach to strength training and aerobic cross training methods will be examined in this course as students learn how to test, design, and implement strength training and aerobic cross training programs for sport and fitness. Prerequisite: ESS majors only; non-ESS majors must have consent of division chair.</td>
<td></td>
</tr>
<tr>
<td>ESS 238</td>
<td>A non-classroom experiential course where students will be introduced to the principles of athletic training and the practical aspects of daily athletic training room activity, designed to correspond with the first semester of the observation phase of the Athletic</td>
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<tr>
<td>Subject</td>
<td>Course</td>
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<tr>
<td>ESS</td>
<td>239</td>
<td>A non-classroom experiential course where the student will be introduced to the principles of athletic training and the practical aspects of daily athletic training room activity, designed to correspond with the second semester of the observation phase of the Athletic Training Program and will require fifty (50) on-and off-campus lab hours for the clinical component. A lab fee may be required. Prerequisite: consent of Athletic Training Program (ATP).</td>
</tr>
<tr>
<td>ESS</td>
<td>303</td>
<td>In this course students will learn how to provide comprehensive school health education programs that incorporate concepts of maintaining balance in the physical, emotional, social, intellectual, economic, vocational, and spiritual components of life. Offered alternate years.</td>
</tr>
<tr>
<td>ESS</td>
<td>304</td>
<td>This course will give an overview of significant factors which influence and determine the learning of motor skills including basic principles of learning theory and motor control as they apply to motor performance.</td>
</tr>
<tr>
<td>ESS</td>
<td>305</td>
<td>This course will study motor skills and physical development from birth to adulthood with an emphasis on infancy, childhood, and adolescence including neurological, physiological, intellectual, social, and emotional factors that influence gross and fine movement activities.</td>
</tr>
<tr>
<td>ESS</td>
<td>306</td>
<td>This course will explore issues pertinent to the study of health and nutrition for the active individual and will analyze concepts and controversies by illustrating the importance of research and clinical studies in the current nutritional literature. Students will also examine and discuss key concepts concerning the role of nutrition in overall health and well-being for a healthy lifestyle. Prerequisites: Bio 101 and sophomore standing.</td>
</tr>
<tr>
<td>ESS</td>
<td>307</td>
<td>This course will familiarize students with the effects of aging on the different physiological functions of the body and introduce fitness assessment and exercise prescription of aging. Chronic diseases associated with aging such as hypertension, coronary heart disease, diabetes mellitus, and arthritis will also be studied. A familiarity of body systems is necessary.</td>
</tr>
<tr>
<td>ESS</td>
<td>308</td>
<td>The theory and practice of the principles and techniques pertaining to the prevention and treatment of athletic injuries will be covered in this course along with the techniques of preventative athletic taping and strapping being incorporated into the laboratory component. A lab fee may be required. Prerequisite: Bio 246 or concurrent enrollment.</td>
</tr>
<tr>
<td>ESS</td>
<td>309</td>
<td>This course will incorporate the knowledge, skills, and values that entry-level certified athletic trainers or similar health professionals must possess to recognize, treat, and refer, when appropriate, general medical conditions and disabilities. Students will also look at the skills and knowledge of pharmacologic applications for athletes and others involved in physical activity. Prerequisites: Bio 246, 247 and ESS 308 or consent of division chair.</td>
</tr>
<tr>
<td>ESS</td>
<td>310</td>
<td>This course will present and discuss the historical, sociological, and philosophical analyses of sport and physical education, including current challenges, relevant issues, controversies, and career opportunities in sport and physical education.</td>
</tr>
<tr>
<td>Subject</td>
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<tr>
<td>ESS 323</td>
<td>This course will study the multidimensional field of sport marketing and sponsorship including a survey of current research, theories, and strategies for sport marketing in profit and non-profit venues. Additional emphasis will be focused on the growing area of sport sponsorship. Prerequisite: ESS 222.</td>
<td>ESS 340</td>
</tr>
<tr>
<td>ESS 325</td>
<td>This is a National Council of Strength and Fitness (NCSF) approved course for those who want advanced personal training certification. Topics will include functional anatomy; health and fitness screening and assessment; cardiovascular assessment and prescription; strength and power assessment and prescription; nutrition and weight management. A lab fee is required. Prerequisites: ESS 225 or consent of division chair.</td>
<td>ESS 344</td>
</tr>
<tr>
<td>ESS 326</td>
<td>Through a study in the management of facilities and sport business, this course will incorporate the development of a new sport business and the management of existing sport businesses including current strategic planning models, sport finance, business leadership, and facility management. Prerequisite: ESS 222.</td>
<td>ESS 346</td>
</tr>
<tr>
<td>ESS 338</td>
<td>This course is designed to allow athletic training students to develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to clinical sites at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: acceptance into ATP and consent of the program director.</td>
<td>ESS 348</td>
</tr>
<tr>
<td>ESS 339</td>
<td>This course is designed to allow athletic training students to develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to clinical sites at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: Bio 246, 247, ESS 308, or consent of division chair.</td>
<td>ESS 349</td>
</tr>
<tr>
<td>ESS 350</td>
<td>A theoretical and practical approach to injury assessment for the upper body, this course will use the systematic evaluation format, as governed by the National Athletic Trainers Association (NATA), is utilized with an emphasis placed on the evaluation of the head/face, cervical/thoracic spine, shoulder, elbow, forearm, wrist, hand, and abdominal viscera. Lab time is included in the schedule. Prerequisites: Bio 246, 247, ESS 308 or consent of division chair.</td>
<td>ESS 350</td>
</tr>
<tr>
<td>ESS 344</td>
<td>This course will teach the methods, techniques, and skills that enable students to provide safe aerobic and group fitness activities as instructors in schools, clubs, and corporate environments. This course will teach the methods, techniques, and skills that enable students to provide safe outdoor and adventure-based activities as part of recreational and leisure programs. A theoretical and practical approach to injury assessment for the lower body, this course will use the systematic evaluation format, as governed by the National Athletic Trainers Association (NATA), is utilized with an emphasis placed on the evaluation of the lumbar spine, hip, thigh, knee, lower leg, ankle, foot, and gait analysis. Lab time is included in the schedule. Prerequisites: Bio 246, 247, ESS 308 or consent of division chair.</td>
<td>ESS 348</td>
</tr>
<tr>
<td>ESS 346</td>
<td>This course will teach the methods, techniques, and skills that enable students to provide safe outdoor and adventure-based activities as part of recreational and leisure programs.</td>
<td>ESS 348</td>
</tr>
<tr>
<td>ESS 348</td>
<td>A theoretical and practical approach to injury assessment for the lower body, this course will use the systematic evaluation format, as governed by the National Athletic Trainers Association (NATA), is utilized with an emphasis placed on the evaluation of the lumbar spine, hip, thigh, knee, lower leg, ankle, foot, and gait analysis. Lab time is included in the schedule. Prerequisites: Bio 246, 247, ESS 308 or consent of division chair.</td>
<td>ESS 348</td>
</tr>
<tr>
<td>Subject</td>
<td>Course</td>
<td>Course Description</td>
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<tr>
<td>ESS 355</td>
<td>Sports and individual activities commonly taught in physical education are analyzed in this course with theory and laboratory experiences designed to acquaint students with teaching progression, practice techniques, selection and care of equipment, history, rules, and strategy for these activities. Prerequisite: ESS 376 or consent of division chair. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>ESS 357</td>
<td>Sports and team activities commonly taught in physical education are analyzed in this course with theory and laboratory experiences designed to acquaint students with teaching progression, practice techniques, selection and care of equipment, history, rules, and strategy for these activities. Prerequisite: ESS 376 or consent of division chair. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>ESS 358</td>
<td>This course will present a theoretical and practical approach to therapeutic exercise and rehabilitation techniques for the injured athlete or those who engage in physical activity. Lab time is included in the schedule. Prerequisite: Bio 246, ESS 308, or consent of division chair.</td>
<td></td>
</tr>
<tr>
<td>ESS 360</td>
<td>An analysis of the factors in coaching such as motivation; attitude formation and behavior; leadership and techniques of coaching will be covered in this course. Purchase of American Coaching Effectiveness Program (ACEP) material and certification is part of course.</td>
<td></td>
</tr>
<tr>
<td>ESS 364</td>
<td>This course will focus on the psychological understanding of exercise behavior through the examination of both new psychological and social factors that influence physical activity participation and performance; how participating in physical activity and exercise affect psychological well-being; and the theoretical, methodological, and applied approaches to a variety of topics related to exercise.</td>
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<tr>
<td>ESS 365</td>
<td>The role of psychomotor and cognitive movement settings are discussed in this course along with selected topics of arousal, attribution theory, achievement motivation, anxiety, interventions, goal setting, attention styles, aggression, social facilitation, social reinforcement, and imagery.</td>
<td></td>
</tr>
<tr>
<td>ESS 368</td>
<td>A theoretical and practical approach for therapeutic modalities in exercise and rehabilitation are discussed and explored in this course. Lab time is included in the schedule. Prerequisite: Bio 246, ESS 308, or consent of division chair.</td>
<td></td>
</tr>
<tr>
<td>ESS 370</td>
<td>An analysis of how physical education, sport, and physical activities can be adapted to meet students' special and unique needs will be examined in this course including an analysis of motor and intellectual development, appropriate skill progressions, and an examination of various diseases and genetic conditions that lead to adaptation needs. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>ESS 376</td>
<td>An evaluation of how to develop physical education lesson plans and curriculums will be examined in this course including practical tips for creating effective teaching environments and teaching developmentally appropriate skills and activities. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>ESS 388</td>
<td>This course is designed to allow athletic training students to develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to clinical sites at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: ESS 338, 339, and consent of the ATP director.</td>
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</table>
ESS 389
This course is designed to allow athletic training students to develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to clinical sites at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: ESS 388 and consent of the ATP director.

ESS 390
This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.

ESS 391
A practical experience outside the classroom this is directly related to the student's major, minor or professional program. It typically involves "hands-on" experience that is beneficial complement to the student's academic experience.

ESS 392
This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.

ESS 393
This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.

ESS 394
This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.

ESS 395
This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.

ESS 403
This introductory course will look at the basic principles of anatomical mechanics and their applications to human movement including an analysis of efficient movement. Lab time is included in the schedule. As a continuation of ESS 406, this course will survey and evaluate current concepts and literature regarding physiological regulatory mechanisms of oxygen transport and muscle metabolism including the examination of both acute and chronic effects of exercise with an emphasis placed on physiological limitations. Lab time is included in the schedule. Prerequisite: ESS 406.

ESS 405
This course applies the physiological principles to the study of human performance in exercise. A lab fee is required. Prerequisite: Bio 246 and 247.

ESS 406
This course will study human movement with an emphasis on the biomechanics, structure and function of the skeletal, muscular, and nervous systems. A lab fee is required. Prerequisite: Bio 246.

ESS 407
The theory and practice of advanced principles and techniques pertaining to prevention and treatment of athletic injuries. Advanced techniques of preventative taping and strapping are also incorporated with the lecture as a laboratory component. A lab fee may be required. Prerequisites: Bio 246, 247 and ESS 308 or consent of division chair.

ESS 408
Through practical experience and an understanding of general measurement issues, this course will prepare students to read and critique scientific research and develop the skills and knowledge to conduct research through practical experience using a range of different measurements of human movement.

ESS 409
The development, evaluation, and administration of tests in exercise science will be explored through lecture and practical settings in this course along with basic statistical analyses and its application in interpreting tests and measurements. A lab fee is required.
## Exercise Sport Science

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>ESS</td>
<td>428</td>
<td>This course will incorporate the professional administrative and management components of operating an athletic training room through the investigation of human resource management, financial resource management, information management, facility design and planning, athletic insurance and legal/ethical practice.</td>
</tr>
<tr>
<td>ESS</td>
<td>438</td>
<td>This course is designed to allow athletic training students to develop and practice clinical skills during the student's assignment with an athletic team under the direct supervision of a preceptor. Students will be assigned clinical rotations at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: ESS 388, 389, and consent of the ATP director.</td>
</tr>
<tr>
<td>ESS</td>
<td>439</td>
<td>This course is designed to allow athletic training students to develop and practice clinical skills during the student's assignment with an athletic team under the direct supervision of a preceptor. Students will be assigned clinical rotations at Concordia University, university-approved junior colleges, or high schools. A lab fee is required. Prerequisites: ESS 438 and consent of the ATP director.</td>
</tr>
<tr>
<td>ESS</td>
<td>490</td>
<td>This course is an intense practical part- or full-time experience outside the classroom that is integral part of a professional program that contributes significantly to the preparation of a student for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limited the maximum number of internship credit.</td>
</tr>
<tr>
<td>ESS</td>
<td>493</td>
<td>This course is an intense practical part- or full-time experience outside the classroom that is an integral part of a professional program that contributes significantly to the preparation of a student for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limited the maximum number of internship credit.</td>
</tr>
<tr>
<td>ESS</td>
<td>494</td>
<td>This course is an intense practical part- or full-time experience outside the classroom that is an integral part of a professional program that contributes significantly to the preparation of a student for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limited the maximum number of internship credit.</td>
</tr>
<tr>
<td>ESS</td>
<td>495</td>
<td>This course is an intense practical part- or full-time experience outside the classroom that is an integral part of a professional program that contributes significantly to the preparation of a student for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limited the maximum number of internship credit.</td>
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## Finance

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<tbody>
<tr>
<td>FIN</td>
<td>211</td>
<td>This course will prepare students to make appropriate decisions regarding financial planning in career choices, investment, savings, income taxes, credit cards, loans, car and home purchases, asset protection, health expenses, insurance, and real estate.</td>
</tr>
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</table>
| FIN     | 331    | This is an introductory course to the principles and practices of managerial finance, sources and methods of raising capital, cash flow
### Finance

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<tr>
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<tbody>
<tr>
<td>FIN</td>
<td>332</td>
<td>This course will examine the analysis of financial statements for business valuation and strategic considerations; the ratio analysis and time value of money concepts used in order to analyze the financial conditions of a business organization; and credit analysis; and corporate finance issues. Prerequisite: Act 211.</td>
</tr>
<tr>
<td>FIN</td>
<td>333</td>
<td>Building upon Fin 331, this course will help students learn more about the strategic deployment of equities, debt and derivative instruments, diversification with appropriate levels of risk, time horizon, collateralization, and active investment portfolio management. Prerequisite: Fin 331.</td>
</tr>
<tr>
<td>FIN</td>
<td>335</td>
<td>In this course students will learn methods for analysis, acquisition, development, operation, financing, selling, and other investment strategies applied to residential, commercial, and institutional properties. Prerequisite: Act 211.</td>
</tr>
<tr>
<td>FIN</td>
<td>445</td>
<td>This course will explain corporate strategies, opportunities, and processes for raising funds, investing, and developing financial relationships with global partners, including a review of global stock markets, money exchanges, and foreign financial institutions. Prerequisite: Fin 331.</td>
</tr>
<tr>
<td>FIN</td>
<td>490</td>
<td>This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Offered as a Pass/No Pass course.</td>
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### French

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<tbody>
<tr>
<td>FRE</td>
<td>101</td>
<td>Through a natural approach to French this course, designed for students with little or no prior study of French, will emphasize speaking, listening, reading, and writing in French.</td>
</tr>
<tr>
<td>FRE</td>
<td>102</td>
<td>A continuation of Fre 101. Prerequisite: Fre 101. Fulfills foreign</td>
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### Global Cultural Studies

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<th>Subject</th>
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<tbody>
<tr>
<td>GCS</td>
<td>201</td>
<td>This course will introduce the basic concepts of international service and development projects as it prepares students for the rigor and routines of the Around-the-World Semester and gives students the tools to begin studying, serving, and traveling for eighteen (18) weeks abroad. Students will study theories of cross-cultural adaptation, acclimation, and assimilation in this course. Occurring before their departure for the study-abroad country, students will be better prepared to make the transition to their new home and develop an awareness of others and self, and become more effective observers of internal (intra-personal) changes, and external (inter-personal) discovery. The globalization of organizations, public and private, and their multicultural make-up requires today's citizens to have a solid cross-cultural competence, involving an understanding of one's own culture and communication preferences, identifying others' preferences, and having a flexible behavioral repertoire to bridge cultural differences. This course will provide specific applications for learning a new foreign language and understanding English structure and usage, including sound system, word formation, grammar, syntax, expression of meaning, variation, etymology, and/or change. Cultural and artistic uses of languages; and comparison of oral and written aspects of language will also be covered.</td>
</tr>
<tr>
<td>GCS</td>
<td>202</td>
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<tr>
<td>GCS</td>
<td>203</td>
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<tr>
<td>GCS</td>
<td>301</td>
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**Global Cultural Studies**

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<tr>
<th>Subject</th>
<th>Course</th>
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<tbody>
<tr>
<td>GCS</td>
<td>399</td>
<td>This course is meant to bring the practical service experience to students as they take responsibility for a variety of service projects that will challenge them, not only as they prepare ahead of time for outreach, but also as they adapt to sharing messages of love and forgiveness.</td>
</tr>
<tr>
<td>GCS</td>
<td>495</td>
<td>In this course students will read and discuss topics in international and comparative studies from an interdisciplinary perspective with the purpose of enhancing student learning while making connections between the local and the international learning experience. The emphasis in this course will be on independent work and completion of a research paper. This capstone course is a required seminar for International Studies seniors.</td>
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**German**

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<th>Subject</th>
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<tbody>
<tr>
<td>GER</td>
<td>101</td>
<td>Through a natural approach to German this course, designed for students who have had little or no prior study of German or less than two (2) years of high school German, will emphasize the development of conversational skills, speaking, listening, reading, and writing in German.</td>
</tr>
<tr>
<td>GER</td>
<td>102</td>
<td>A continuation of Ger 101. Prerequisite: Ger 101 or two (2) years of high school German. Fulfills foreign language requirement.</td>
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**Greek**

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<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>GRE</td>
<td>101</td>
<td>This course will study the fundamentals of the ancient Greek language including morphology, syntax, and vocabulary for reading simple passages of Greek prose.</td>
</tr>
<tr>
<td>GRE</td>
<td>102</td>
<td>A continuation of Gre 101. Prerequisite: Gre 101 or equivalent with a grade of C- or better.</td>
</tr>
<tr>
<td>GRE</td>
<td>211</td>
<td>This course will review and strengthen the Greek acquired in introductory classes through readings from selected portions of Luke and Acts with an emphasis will be on both a review of basic vocabulary and grammar of the New Testament and the principles of syntax through Greek composition. Prerequisites: Gre 101 and 102 or equivalent with a grade of C- or better.</td>
</tr>
<tr>
<td>GRE</td>
<td>225</td>
<td>Following the liturgical readings of the church year, this course is designed primarily for those who wish to maintain an ability to work with the text in its original language. This course will expose students to a variety of Greek authors whose works are important for understanding the style and contents of the New Testament writers including readings of select portions of the Apostolic Fathers, the Septuagint, the Apocrypha, and Josephus. Prerequisite: Gre 102. Offered alternate years.</td>
</tr>
<tr>
<td>GRE</td>
<td>331</td>
<td>This course will expose students to a variety of Greek authors whose works are important for understanding the style and contents of the New Testament writers including readings of select portions of the Apostolic Fathers, the Septuagint, the Apocrypha, and Josephus. Prerequisite: Gre 102. Offered alternate years.</td>
</tr>
<tr>
<td>GRE</td>
<td>341</td>
<td>Through reading major sections of John's Gospel and Revelation, this course aims to increase the student's ability to read large sections of the Greek text in a small amount of time so that they can make the transition from the slow analysis of a sentence to the rapid comprehension of paragraphs and major sections. Prerequisite: Gre 102. Offered alternate years.</td>
</tr>
<tr>
<td>GRE</td>
<td>451</td>
<td>This capstone course will combine the student's skills in both Greek and Hebrew with an emphasis on reading sections of Paul's letter which derive significant theological conclusions from Old Testament texts. These passages will be analyzed in the original Hebrew text and then compared with the Greek vocabulary and syntax used by the Septuagint and Paul. Prerequisites: Heb 102 and Gre 102. Offered alternate years.</td>
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**Hebrew**

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<th>Subject</th>
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<tbody>
<tr>
<td>HEB</td>
<td>101</td>
<td>This course will study the morphology, vocabulary, and syntax of biblical Hebrew for reading simple passages of the Hebrew Bible.</td>
</tr>
<tr>
<td>HEB</td>
<td>102</td>
<td>A continuation of Heb 101. Prerequisite: Heb 101 or equivalent.</td>
</tr>
<tr>
<td>HEB</td>
<td>201</td>
<td>Through the reading of selected narrative, legal, and poetic passages of the Hebrew Bible, students will...</td>
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### Hebrew

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<th>Subject</th>
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<th>Course Description</th>
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<tbody>
<tr>
<td>HEB</td>
<td>225</td>
<td>Following the liturgical readings of the church year, this course is designed primarily for those students who wish to maintain the ability to work with the text in its original language.</td>
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### Healthcare Management (ADP)

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>HLMG</td>
<td>305</td>
<td>This course will give students an awareness of the Christian worldview and assist them in evaluating sources of information for culture and theology, enabling them to better answer questions concerning life issues (e.g., sexuality, marriage, family, creation, evil, death, and life after life) and life choices in the Christian context as they examine their own beliefs and compare these to that which Scripture teaches.</td>
</tr>
<tr>
<td>HLMG</td>
<td>311</td>
<td>This course will give students an opportunity to learn about effective verbal and non-verbal communication through an in-depth examination, both in written and oral format, of workplace communication with an emphasis on writing and the proper application of grammar and APA style rules. The use of technology to access and share information will also be examined.</td>
</tr>
<tr>
<td>HLMG</td>
<td>312</td>
<td>This course will serve as an introduction to and provide the foundation for a better understanding of the relevant theories, tools, and applications, recent trends, and issues needed to address operational issues that healthcare managers face.</td>
</tr>
<tr>
<td>HLMG</td>
<td>314</td>
<td>This course will explore healthcare applications of quality improvement including governmental and regulatory influences, standards and guidelines, programs and methods, and process redesign.</td>
</tr>
<tr>
<td>HLMG</td>
<td>315</td>
<td>The course will provide students with an in-depth analysis of the theories and concepts of organizational behavior and theory while embracing the uniqueness and complexities of healthcare.</td>
</tr>
<tr>
<td>HLMG</td>
<td>413</td>
<td>This course will introduce students to the basic principles of leadership and direction in healthcare organizations.</td>
</tr>
<tr>
<td>HLMG</td>
<td>414</td>
<td>This course will familiarize students with significant legal principles and theories relevant to healthcare administration; provide examples of context in which potential legal problems arise; develop the ability to identify and evaluate potential legal risks related to healthcare administrative and management decisions; and to appropriately utilize legal counsel in the decision-making process.</td>
</tr>
<tr>
<td>HLMG</td>
<td>415</td>
<td>This course will examine the use of information systems in healthcare organizations as students are introduced to the types of healthcare data and information, the various systems used throughout the healthcare industry, the technology utilized by these systems, and the IT challenges facing healthcare administrators.</td>
</tr>
<tr>
<td>HLMG</td>
<td>416</td>
<td>This course will look at human resource management in healthcare including the principles, methods, and procedures used in the utilization and management of professional and allied health personnel.</td>
</tr>
<tr>
<td>HLMG</td>
<td>419</td>
<td>This course will identify and explore historical, theoretical, and practical issues in the field of public health as students identify and analyze important public health issues within various health settings.</td>
</tr>
</tbody>
</table>
| HLMG    | 422    | This course will introduce and give an overview of the field of gerontology and mental health including current theories, ethical issues, public policy, legal issues, and careers along with the exploration of problems in planning, financing, delivering, and evaluating health services. Administrative structures and public and private
### Healthcare Management (ADP)

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<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>HLMG</td>
<td>424</td>
<td>This course studies the management of the marketing process, strategy formulation, strategic planning, organizing, budgeting, implementation, and performance assessment specific for Healthcare organizations to assist institutions in fulfilling their mission, vision, and goals and in helping to define strategies to improve market position and financial performance.</td>
</tr>
<tr>
<td>HLMG</td>
<td>425</td>
<td>This course will cover selected topics in both the financial and managerial aspects of the U.S. healthcare industry, both philosophically and theologically, with issues being evaluated and presented from the perspective of all key stakeholders including the consumer, providers, provider-organizations, payers, and government.</td>
</tr>
<tr>
<td>HLMG</td>
<td>438</td>
<td>This course will study the origin, orientation, of international health through the exploration of global health issues, specific health systems in typical countries representing different approaches, responsibilities of citizens of developed countries, professional personnel supply issues, evolution of health systems to local circumstances, the effects of terrorism on the collective consciousness of humanity and its mental health, nutritional issues of the world and a holistic perspective of health including effects of human actions on the living earth and its well-being.</td>
</tr>
<tr>
<td>HLMG</td>
<td>467</td>
<td>An examination of philosophical, theological, and ethical issues raised by modern advances in healthcare and biological research. Special attention will be given to contemporary developments in both religious and philosophical ethics and to possibilities for dialog today between philosophical theories, religious voices, and biblical ethics. Study of philosophical and theological approaches will be closely tied to study of a range of concrete cases and narratives likely to be encountered by today's healthcare professionals.</td>
</tr>
<tr>
<td>HLMG</td>
<td>495</td>
<td>This course will be a culminating demonstration of the students' academic ability and knowledge of the healthcare environment through a comprehensive analytical paper and oral presentation to a professional panel of healthcare professionals. Prerequisite: senior standing.</td>
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### History

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<tbody>
<tr>
<td>HST</td>
<td>201</td>
<td>In this course students will study the emergence of the major political, cultural, social, and economic developments of the Western world from the earliest times through the 17th century including the Ancient, Medieval, and Early Modern periods.</td>
</tr>
<tr>
<td>HST</td>
<td>202</td>
<td>The emergence of the modern Western world from the early modern period to the present will be covered in this course, including major political, cultural, intellectual, social, and economic developments. This survey course of U.S. history from colonial times to the present will include the political, economic, social, and cultural development at each phase of the country's growth and progress through the study of colonization, independence, early nationhood, sectional strife culminating in the Civil War, reconstruction, economic expansion, prosperity, depression, imperialism, reforms, two world wars, and contemporary tensions.</td>
</tr>
<tr>
<td>HST</td>
<td>226</td>
<td>This survey course of U.S. history from colonial times to the present will include the political, economic, social, and cultural development at each phase of the country's growth and progress through the study of colonization, independence, early nationhood, sectional strife culminating in the Civil War, reconstruction, economic expansion, prosperity, depression, imperialism, reforms, two world wars, and contemporary tensions.</td>
</tr>
<tr>
<td>HST</td>
<td>301</td>
<td>This survey course of the major themes of the political and cultural history of the Eastern world from its origins until modern times will focus on the Chinese and Japanese cultural traditions with some attention to other Asian motifs and an emphasis on an understanding and appreciation of the Eastern worldview and ethos.</td>
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<tr>
<td>HST</td>
<td>321</td>
<td>Basic theories and approaches to the scholarly study of significant popular movements and customs in modern Western civilization will be</td>
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<td>Subject</td>
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<tr>
<td>HST 332</td>
<td>History of ancient Greece and Rome from the time of Homer to the fall of the Roman Empire will be examined in this course with particular emphasis on Greek and Roman politics, socio-economic life and structures, classical culture and philosophy, and the rise of Christianity. Prerequisite: Hst 201 or 202 or CHst 201 or 202. Offered alternate years.</td>
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<tr>
<td>HST 334</td>
<td>The emergence of Europe from the early Middle Ages to the Italian Renaissance will be examined in this course including the feudal society, the Christian church, cities and commerce, art and learning, and the rise of kings and nation states. Particular attention will be given to Europe's Greek and Roman legacy as transmitted by the Byzantine and Islamic civilizations. Prerequisite: Hst 201 or 202 or CHst 201 or 202. Offered alternate years.</td>
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<tr>
<td>HST 336</td>
<td>Europe from the 14th to the 17th century, the transitional period between medieval and modern history, will be examined in this course including the Italian Renaissance, the Northern Renaissance, the Lutheran Reformation, the Calvinist and Anglican Reformations, and the Roman Catholic Counter Reformation. Prerequisite: Hst 201 or 202 or CHst 201 or 202. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>HST 338</td>
<td>This course will integrate various political, social, economic, and cultural phases of Europe's history from the 18th century to the present including the French Revolution; industrialization; imperialism; the unification of Italy and Germany; the major scientific, literary, and artistic developments; Communism and Fascism; the two world wars; and the Cold War. Prerequisite: Hst 201 or 202 or CHst 201 or 202. Offered alternate years.</td>
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<tr>
<td>HST 341</td>
<td>This course will involve a thematic study of English culture and life from the reign of King Henry VIII through the war for American independence with special attention being paid to culture, governance, and factors that led to the expansion of the British Empire and the conflict in North America. Offered alternate years.</td>
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<tr>
<td>HST 361</td>
<td>This course will provide an academic approach to the decidedly non-academic and pervasive modes of communication that have shaped the modern world with attention being paid to wartime propaganda in the two world wars, political campaigns in America, and product advertising in market economics. Offered alternate years.</td>
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<tr>
<td>HST 371</td>
<td>This introductory course into the lands, peoples, and cultures of the Middle East from antiquity to modern times, will include the role of religion in shaping social and political institutions, and the influence of Islamic thought on the Arab world and conflicts in the contemporary Middle East. Offered alternate years.</td>
<td></td>
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<tr>
<td>HST 410</td>
<td>This course will begin with the mythology of the Ancient Egyptians, the theology of the Hebrews, and the philosophy of the Greeks, tracing the legacy of each stand of thought throughout the world with attention being paid to both the primary leaders and significant texts and how they shape divergent world views today. Recommended: Hst 201 and 202 have been taken prior to this course. Offered alternate years.</td>
<td></td>
</tr>
<tr>
<td>HST 412</td>
<td>This course will look at the origins of the American political system from the end of the Seven Years' War through the Louisiana Purchase and Marbury vs. Madison, with a focusing on government under the Articles of Confederation, the Constitutional Convention, ratification controversies, the first political party system, and Jeffersonian vs. Hamiltonian approaches to government. Offered alternate years.</td>
<td></td>
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<tr>
<td>HST 416</td>
<td>This seminar course will be devoted to an in-depth examination of major issues affecting the global community; exact topic of discussion being determined by the instructor each semester.</td>
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### History

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<tr>
<td>HST</td>
<td>431</td>
<td>This course will begin with the early modern era in Europe and will look at the intense interaction between the peoples of many continents and nations over women, the West, and the culture which have their roots in this period of exchange, colonization, and struggle. Offered alternate years.</td>
</tr>
<tr>
<td>HST</td>
<td>437</td>
<td>This course will survey the history of one of the &quot;great cities&quot; of the world (culturally and intellectually significant urban centers of the past and/or present), with an emphasis on the record of development of urban space from literary, architectural, and other visual artifacts. Prerequisite: Spring course with travel component.</td>
</tr>
<tr>
<td>HST</td>
<td>451</td>
<td>This course will focus on the 18th century Europe and America from the French Revolution to the fall of Napoleon; the expansion of education, science, and philosophy; the growth of the middle class; and the beginnings of industrialism. Offered alternate years.</td>
</tr>
<tr>
<td>HST</td>
<td>478</td>
<td>The history of California from earliest times to the present with an emphasis on its Hispanic heritage will be the focus of this course.</td>
</tr>
<tr>
<td>HST</td>
<td>491</td>
<td>This research-oriented course will allow advanced students to study one aspect of history in depth with a view towards either graduate study or a project for the President's Academic Showcase for Undergraduate Research.</td>
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### Humanities

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<tr>
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<tbody>
<tr>
<td>HUM</td>
<td>495</td>
<td>In this capstone course students will meet with an instructor once per week in order to formulate, research, and discuss an appropriate topic for their written project. Topics must be interdisciplinary, combining their emphasis within the major with another discipline within the major. Prerequisite: Humanities and Fine Arts majors and senior standing.</td>
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### International Business

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<tr>
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<tbody>
<tr>
<td>INB</td>
<td>445</td>
<td>This course will investigate, compare, and contrast emerging topics, practices, and regulations in the field of international business. Prerequisite: senior standing.</td>
</tr>
<tr>
<td>INB</td>
<td>475</td>
<td>This capstone course will integrate the numerous business management courses as students learn to conduct a strategic analysis and make sound strategic decisions using a real company. Prerequisites: business major with senior standing and Act 212, Mgt 321, and Mkt 341.</td>
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### Interdisciplinary

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>INT</td>
<td>098</td>
<td>This course is designed to equip the student with numerous learning strategies to make studying and learning more efficient and effective. Each student will identify their learning style and strengths. Students will learn to organize tasks and time; apply critical thinking concepts; acquire strategies for test taking, note taking and memorizing concepts. Enrollment is a year-long commitment and is limited to students in the Close Advisement Program. Students will meet with the professor individually based on each student's academic needs.</td>
</tr>
<tr>
<td>INT</td>
<td>099</td>
<td>In this course students will develop skills and perspectives that will enable them to get the most out of an international experience including primary and secondary research on France, French culture, and global cultural competencies as they employ intercultural communication techniques.</td>
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### Interdisciplinary

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<tbody>
<tr>
<td>INT</td>
<td>100</td>
<td>This course will study the fundamentals of the Latin language including morphology, syntax, and vocabulary for reading simple passages of Latin prose and poetry. Offered alternate years.</td>
</tr>
<tr>
<td>INT</td>
<td>103</td>
<td>This course is designed to be an interactive exploration of personal and team leadership development and to create a synergistic effect between various student leadership groups. Open only to students who have a student leadership position, i.e., PAL (Peer Advising Leader), abbeywest (campus church), ASCUI (student government), LEAD (Leadership, Education, and Development program), and/or resident assistants.</td>
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### Latin

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>LAT</td>
<td>101</td>
<td>This course will study the fundamentals of the Latin language including morphology, syntax, and vocabulary for reading simple passages of Latin prose and poetry. Offered alternate years.</td>
</tr>
<tr>
<td>LAT</td>
<td>102</td>
<td>A continuation of Lat 101. Prerequisite: Lat 101 or equivalent.</td>
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</table>

### Management

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>MGT</td>
<td>321</td>
<td>This introductory course will look at the areas of planning, organizing, staffing, and controlling with an emphasis on responsibility and authority, delegation and decentralization, line-staff relationship organization charting, communication, and reaction to change. Interpersonal skills, motivation, leadership, and organizational resource management will also be studied. Prerequisites: Bus 201 and 224. Recommended prerequisite: Eco 201 or 202.</td>
</tr>
<tr>
<td>MGT</td>
<td>323</td>
<td>Through an overview of world trade and investment patterns, international sourcing, marketing, and management for global businesses, this course will emphasize international trade theory, the world financial environment, and the role of multinational corporations including international sourcing, marketing, and management for global business. Prerequisite: Mgt 321. This course will look at the application and experience of world trade, investment patterns, international sourcing, marketing, and management for global business. A group travel component, at an additional cost to the student, is an integral part of this course providing out-of-the-classroom experiential learning opportunities supplemented by face-to-face and online readings and assignments with areas of special emphasis and locales being rotated. Prerequisite: Mgt 321.</td>
</tr>
<tr>
<td>MGT</td>
<td>324</td>
<td>This course will look at the application and experience of world trade, investment patterns, international sourcing, marketing, and management for global business. A group travel component, at an additional cost to the student, is an integral part of this course providing out-of-the-classroom experiential learning opportunities supplemented by face-to-face and online readings and assignments with areas of special emphasis and locales being rotated. Prerequisite: Mgt 321.</td>
</tr>
<tr>
<td>MGT</td>
<td>326</td>
<td>This course will explore the methods of business ownership including startup, franchise, and firm acquisition with a practical emphasis on screening initial business ideas, accessing information sources, defining customer benefits, developing strategic posture, analyzing markets and competitors, and creating a comprehensive business plan including the theoretical development of a new venture establishment enhanced by guest lecturers experienced in startup ventures. Prerequisite: Mgt 321.</td>
</tr>
<tr>
<td>MGT</td>
<td>327</td>
<td>This course will discuss individual behavior issues such as personality, leadership, perceptions, attitudes,</td>
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### Management

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<tr>
<td>MGT 343</td>
<td>This course will use applied quantitative methods to optimize cash flow; reduce material and inventory costs; create efficiencies; enhance quality and mitigate risks in the manufacture, distribution, servicing, and retirement of both tangible goods and intangible services. Prerequisite: Mgt 321.</td>
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</tr>
<tr>
<td>MGT 351</td>
<td>This course will examine the impact of diversity, culture, and ethnic origin on the work experience while preparing individuals to meet the challenge of cultural diversity in organizations with an emphasis on how race, religion, age, gender, sexual orientation, physical and mental ability, work and family, weight and appearance, international diversity, theories, legislation, and organizational philosophy interact to create a set of rules for acceptable behaviors in complex organizations. Prerequisite: Bus 201.</td>
<td></td>
</tr>
<tr>
<td>MGT 424</td>
<td>As a study on how organizations obtain, maintain, and retain their human resources, this course will examine current organizational theory, research, and practice regarding variables that influence human behavior in organizations. Prerequisite: Mgt 321.</td>
<td></td>
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<tr>
<td>MGT 490</td>
<td>This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Offered as a Pass/No Pass course.</td>
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### Marketing

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<tbody>
<tr>
<td>MKT 341</td>
<td>This is an introductory course to the basic elements of modern marketing including market research, identifying target customers, developing product offers, branding, pricing, marketing communications, and distribution channels. Prerequisite: Bus 201. Recommended prerequisite: Eco 201 or 202.</td>
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<tr>
<td>MKT 344</td>
<td>A managerial approach to promotional campaign development with an emphasis on advertising strategy as a component of the total market mix will be presented in this course. Students will apply research techniques to target audience identification, message development, creative executive, and media planning as they design a complete campaign for a specified client. Prerequisite: Mkt 341 or concurrent enrollment.</td>
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<tr>
<td>MKT 353</td>
<td>Through the examination of a wide variety of services this course will look at the marketing implications of the differences between goods and services including the unique characteristics of services marketing, the relationship between the service provider and customer, the management of services, the evaluation of service quality, and techniques for service improvement. Prerequisite: Mkt 341.</td>
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<tr>
<td>MKT 355</td>
<td>This course will present a practical approach to understanding and implementing marketing strategies applicable to the business and service sectors, addressing their application to health care, financial, and hospitality industries. Prerequisite: Mkt 341.</td>
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<tr>
<td>MKT 363</td>
<td>This course will use Adobe Photoshop or similar product to develop student skills in the creation and execution of computer graphics for advertising, illustration, or enhancement of business products.</td>
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<tr>
<td>MKT 365</td>
<td>This course will use Adobe Premier or similar product to develop student skills in the creation and execution of animated computer graphics for advertising, illustration, or enhancement of business products.</td>
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<tr>
<td>MKT 371</td>
<td>This course will provide a broad overview of digital media including effective web design, SEO (search engine optimization) strategies, social media tools, mobile marketing, metrics, and analytics with a focus on business strategies and trends while using the appropriate digital tools for maximum effectiveness. Prerequisite: Mkt 341</td>
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### Marketing

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<tr>
<td>MKT 442</td>
<td>This course will provide a comprehensive overview of marketing research, providing information for marketing decision making, problem identification, and problem solving research as students develop competence in survey methods and learn to apply analysis techniques including frequency distributions, cross tabulations, and correlation analysis. Prerequisites: general education math requirements and Mkt 341.</td>
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<tr>
<td>MKT 445</td>
<td>As a study of the marketing concepts and analytical processes used in the development of programs in international markets, this course will include international trade concepts, cultural dynamics, business customs, multinational and developing markets, and the influence of political, legal, and geographic factors on international marketing. Students will prepare marketing reports for products and services in a specific country. Prerequisite: Mkt 341.</td>
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<tr>
<td>MKT 475</td>
<td>This course is designed to give students the opportunity to utilize the managerial and analytical tools they have acquired as they look at a framework for developing marketing strategies that yield a distinctive competitive advantage based on customer and competitor analysis. Case studies will require a realistic diagnosis of company problems, development of alternative courses of action, and the formulation of specific recommendations. Prerequisites: Mkt 371, 442, and 445.</td>
<td></td>
</tr>
<tr>
<td>MKT 490</td>
<td>This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Offered as a Pass/No Pass course.</td>
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### Mathematics

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<tr>
<td>MTH 201</td>
<td>Through a study of mathematics competencies required for the liberal studies major, this course will include logic, algebra, functions, counting, probability, and statistics with problem solving being emphasized throughout the course. Prerequisite: Intermediate Algebra or equivalent.</td>
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<tr>
<td>MTH 252</td>
<td>This course, for non-math majors, will study the limits and the foundations of differential and integral calculus with an emphasis on applications. The use of technology (graphing calculator, websites, Maple) will be used. Prerequisite: Intermediate Algebra is required for successful completion of this course.</td>
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<tr>
<td>MTH 265</td>
<td>As a basic statistics course applicable to education, business, and the hard sciences, this course will include topics such as descriptive statistics, the normal, binomial, F-, and Chi-squared distributions, and hypothesis testing. Optional topics might include additional non-parametric tests and ANOVA. A TI-83 graphing calculator or Microsoft Excel is required.</td>
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<tr>
<td>MTH 271</td>
<td>This course will study differential and integral calculus with applications including an emphasis on using calculus to solve problems. Lab time is included in the schedule. A graphing calculator is expected.</td>
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<tr>
<td>MTH 272</td>
<td>A continuation of Mth 271, this course will include a study of integral calculus with and emphasis on the definite integral, transcendental, parametric, and polar-functions along with their derivatives and integrals, series, and sequences, and an introduction to differential equations. A graphing calculator is expected along with the ability to use appropriate computer software. Lab time is included in the schedule. Prerequisite: Mth 271 or acceptable AP examination credit.</td>
<td></td>
</tr>
<tr>
<td>MTH 295</td>
<td>This course will introduce standard mathematical notation, methods, truth tables, and principles of symbolic logic for use in determining the validity of arguments, dealing with proper notation and structure in mathematical proofs including direct and indirect proofs, mathematical induction, and construction of</td>
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counter-examples. Application will be made to a field of mathematics such as set theory, algebra, or geometry.

This course is designed to meet the California Commission on Teacher Credentialing (CCTC) criteria for students studying to become elementary teachers and will include review of the topics within most elementary mathematics curriculum. The content areas covered will be set theory, pre-operational skills, whole number operations, estimations and mental calculation, number theory, fractions, decimals and integers, rational and real numbers, statistics, measurement, and geometry including terminology, polygons, similarity, congruence, coordinate geometry, symmetry, reflections, and notations with problem solving being emphasized throughout. Topics will be presented with appropriate styles of mathematical methodology and hands-on classroom activities. Prerequisites: junior or senior standing.

This course will study properties of matrix arithmetic, systems of linear equations, determinants, vector spaces, linear transformations, diagonalization, inner products, and applications of these topics. Prerequisite: Mth 272 or appropriate advanced placement examination grade.

As a continuation of Mth272, this course will include the study of vector calculus, three-dimensional calculus, partial derivatives, multiple integrals, differential calculus, and other selected topics in vector calculus. Prerequisite: Mth 272 or appropriate advanced placement (AP) examination grade.

This course will include the study of relations and functions, graph theory, counting principles and combinatorics, set theory, Boolean algebra, code theory, linear programming, and other selected topics. Offered alternate years.

This course will provide a general study of deductive systems of geometry including Euclidean, projective, finite, and other non-Euclidean geometries. Offered alternate years.

This course will look at the probability and combinatorics; discrete and continuous random variables; the normal, gamma, Chi-square, Poisson, and binomial distributions with applications. Offered alternate years.

A continuation of Mth 387, this course will cover various multivariate probability distributions, bias and unbiased estimators, Least Square estimation, ANOVA, Block Designs, and a revisit of hypothesis testing and a study of nonparametric statistics. Prerequisite: Mth 387. Offered alternate years.

This course will provide a developmental study of natural numbers and the integers including mathematical induction, prime numbers, divisibility, congruence, and Diophantine along with selected theorems and applications of Fermat, Euler, and Gauss as well as modern applications of number theory. Prerequisite: Mth 295 or approval of instructor. Offered alternate years.

This course will study the properties and operations within groups, rings, integral domains, fields, normal subgroups, quotient groups, homomorphism's, and isomorphism's. Prerequisite: Mth 373. Offered alternate years.

This course will cover the classification of differential equations along with first order equations, exact differentials, integrating factors, higher order differential equations, method of undetermined coefficients, variation of parameters, operator methods, solution by infinite series, and Laplace transformations. Prerequisite: Mth 373 or approval of instructor. Offered alternate years.

This course will provide a general study of deductive systems of geometry including Euclidean, projective, finite, and other non-Euclidean geometries. Offered alternate years.

This course will look at the probability and combinatorics; discrete and continuous random variables; the normal, gamma, Chi-square, Poisson, and binomial distributions with applications. Offered alternate years.

A continuation of Mth 387, this course will cover various multivariate probability distributions, bias and unbiased estimators, Least Square estimation, ANOVA, Block Designs, and a revisit of hypothesis testing and a study of nonparametric statistics. Prerequisite: Mth 387. Offered alternate years.
### Mathematics

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<tr>
<td>MTH 495</td>
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<td>these topics are related. Included will be proofs of the Heine-Borel and Bolzano-Weierstrass theorems, the intermediate value and mean value theorem, as well as the fundamental theorem of calculus. Prerequisite: Mth 295 and 373. Offered alternate years.</td>
</tr>
<tr>
<td>MTH 496</td>
<td></td>
<td>As the first of two (2) capstone courses for all mathematics majors, students will meet as a group once per week to review competencies in the major, take group-wide assessments, and complete a preliminary research abstract on a topic of their choice as they work with a faculty mentor followed by a short presentation to their peers and faculty regarding their preliminary findings for reaction and feedback. Prerequisite: senior standing.</td>
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### Guitar

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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>MUGU 100A</td>
<td></td>
<td>This course will teach basic skills to the beginning guitarist.</td>
</tr>
<tr>
<td>MUGU 100B</td>
<td></td>
<td>This course will build upon the skills gained in MUGU 100A as students continue to develop basic guitar skills. Prerequisite: MUGU 100A or instructor's permission.</td>
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### Keyboard-Jazz

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<tr>
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<th>Course</th>
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<tbody>
<tr>
<td>MUKJ 201</td>
<td></td>
<td>This course will provide private instruction in improvisation-based performance styles on piano, harpsichord, or organ. Potential topics will include jazz improvisation and harmony; worship accompaniment; basso continuo realization, and harpsichord technique and repertoire. Prerequisite: MUKO 201, MUKP 201 or 211.</td>
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</table>

### Organ

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<tr>
<th>Subject</th>
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<th>Course Description</th>
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<tbody>
<tr>
<td>MUKO 100</td>
<td></td>
<td>This course will introduce basic organ techniques and repertoire to students with limited or no prior organ experience. As students become comfortable with combining hands and feet, the class will address topics such as organ repertoire, mechanics of the instrument, practical applications (hymn playing in particular), touch, articulation, and registration. Practice times is required and the student will need to obtain organ shoes and purchase a textbook. The course may be repeated.</td>
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</table>

### Piano

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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>MUKP 100A</td>
<td></td>
<td>This course will offer students basic keyboard playing skills and concepts including the ability to read and play music by recognizing rhythms, intervals, chords, scales, and other musical patterns. Students will become familiar with the tools and terms of music and begin to read music.</td>
</tr>
<tr>
<td>MUKP 100B</td>
<td></td>
<td>This course will build upon the skills gained in MUKP 100A as students continue to develop basic keyboard skills. Prerequisite: MUKP 100A or</td>
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### Music-Ensemble

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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>MUE 262</td>
<td></td>
<td>Chamber Music Ensemble is designed to give singers and instrumentalists an introduction to working in chamber music settings which can include duos, trios, and quartets. It is a hands-on laboratory that will include meetings as a group with the instructor to discuss topics related to the field of chamber music as well as individual and group coaching sessions, and performances. Participants will be assigned musical partners to work with throughout the semester and will be expected to practice assigned music on their own and with their partners outside of class.</td>
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</table>
### Piano

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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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</thead>
<tbody>
<tr>
<td>MUKP</td>
<td>211</td>
<td>Students in a music major must register for MUKP 211 the semester in which they plan to take the examination. A fee will be assessed.</td>
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### Music

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<tr>
<th>Subject</th>
<th>Course</th>
<th>Course Description</th>
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<tbody>
<tr>
<td>MUS</td>
<td>102</td>
<td>This entry level course is intended for general education students or those considering a music major and will provide an opportunity to develop skills in sight reading, music theory, and aspects of basic musical analysis.</td>
</tr>
<tr>
<td>MUS</td>
<td>111</td>
<td>Through integrated reading, listening, discussion, musical participation, and concert attendance students will identify, experience, and understand the elements of music and basic notation and will apply active listening skills to the study of global and Western music from the Middle Ages to the present day in this course. A class fee is required to cover the cost of concert attendance.</td>
</tr>
<tr>
<td>MUS</td>
<td>112</td>
<td>Through integrated reading, multimedia presentations, listening, writing, and concert attendance, students will engage with music in this online course in the context of history, style, literature, science, faith, sociology, and philosophy. A class fee is required to cover the cost of concert attendance.</td>
</tr>
<tr>
<td>MUS</td>
<td>176</td>
<td>In this course students will learn basic concepts of communication and character development through reading, research, writing, and develop performance skills by singing in the opera chorus.</td>
</tr>
<tr>
<td>MUS</td>
<td>201</td>
<td>As a beginning study of the craft of music for music majors and minors or general students with considerable musical experience, this course will include the study and application of scales, intervals, triads, rhythms, and elementary chord progression through analysis and writing. Co-requisites: normally taken concurrently with Mus 211. Recommended Mus 102 or other training in the fundamentals of musical notation.</td>
</tr>
<tr>
<td>MUS</td>
<td>202</td>
<td>Continuation of Mus 201, this course will study seventh chords, modulation and basic musical forms through analysis and composition of four-part textures. Prerequisite: should be taken concurrently with Mus 212.</td>
</tr>
<tr>
<td>MUS</td>
<td>211</td>
<td>This course will provide students with the training and tools that will aid in the development of sight-singing, dictation, and basic keyboard skills that support basic concepts as they learn to hear and identify basic harmonic (intervals, triads, and chord progressions) and rhythmic and melodic materials using the moveable-do solfege system.</td>
</tr>
<tr>
<td>MUS</td>
<td>212</td>
<td>A continuation of Mus 211. Prerequisite: should be taken concurrently with Mus 202.</td>
</tr>
<tr>
<td>MUS</td>
<td>215</td>
<td>This course will introduce the electronic tools for music making including CD mastering, sequencing, recording, and score production. Offered alternate years.</td>
</tr>
<tr>
<td>MUS</td>
<td>221</td>
<td>As a beginning study in the craft of conducting, this course will include the basic beat patterns, preparatory and release gestures, and simple non-verbal stylistic cues. Students will conduct a musical ensemble composed of class members. As a continuation of Mus 221, students will build upon their conducting skills with more advanced study in expressive gestures, left-hand independence, cueing, psychological conducting, and score preparation. Prerequisite: Mus 221.</td>
</tr>
<tr>
<td>MUS</td>
<td>222</td>
<td>This course will explore career opportunities in music education including elementary, middle, and high school as well as studio pedagogy through readings, seminar discussions, and field experience in area schools and studios. Prerequisites: at least sophomore standing, Mus 102, 111, 112, or 201 (or concurrent registration), or permission of instructor.</td>
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<td>Subject</td>
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<tr>
<td>MUS 276</td>
<td>Basic techniques for playing, teaching, and maintaining brass instruments. In this course, students will learn the basics of brass instruments and their use in music performance. Prerequisites: considerable musical experience, preferably instrumental, and consent of instructor. Offered alternate years.</td>
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<tr>
<td>MUS 281</td>
<td>This course is a focused classroom and rehearsal experience teaching students to apply in the preparation and performance of much of today's modern worship repertoire. It is open to all students but specifically required for all incoming freshmen or transfer students. All ensembles may be repeated for credit, but only two (2) units will apply toward graduation except in the case of students in a music major/minor.</td>
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<tr>
<td>MUS 303</td>
<td>As a continuation of Mus 202, this course will include analysis of counterpoint, classical forms, and chromatic alteration of melody and chord progression, as well as further development of composition skills. Prerequisite: Mus 202.</td>
<td></td>
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<tr>
<td>MUS 304</td>
<td>As a continuation of Mus 303, this course will study extended forms and melodic-harmonic formula characteristic of the 19th century; introduce techniques of the 20th century; and cultivate related compositional skills. Prerequisite: Mus 303.</td>
<td></td>
</tr>
<tr>
<td>MUS 312</td>
<td>Basic techniques for playing, teaching, and maintaining percussion instruments will be covered in this course. Prerequisites: considerable musical experience, preferably instrumental, and consent of instructor. Offered alternate years.</td>
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</tr>
<tr>
<td>MUS 376</td>
<td>In this course, students will learn concepts of communication and character development through reading, research, and writing as they develop performance skills through singing in the opera chorus and learning small solo roles.</td>
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<tr>
<td>MUS 381</td>
<td>This course will look at the theology, methods, and principles for leading a worship arts ministry including the evaluation and development of 'contemporary' worship; planning worship services for varied congregational settings; worship ministry in the context of congregational change; values that...</td>
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</table>
Music

Subject       Course       Course Description

shape worship ministry programming; the role of technology; and the application of a theology of worship in cultivating a character of leadership. Prerequisite: Mus 281 or consent of instructor. Offered alternate years.

MUS 382 This course will study and apply worship band ensemble leadership principles including the development of an intentional leadership team; the audition process; rehearsal techniques for band and vocal teams; arranging and writing lead sheets and rhythm charts; and the role and direction of a praise choir, organization, and spiritual leadership. Prerequisites: Thl 281 and 381 or consent of instructor. Offered alternate years.

MUS 390 As a closely supervised introductory experience in directing musical ensembles, this course will assist students in classroom teaching or other approved music leadership activity. Prerequisites: junior standing, completion of at least fifteen (15) units in music, an appropriate methods course, demonstrated music leadership ability, and consent of instructor.

MUS 391 This is a supervised experience in leadership of campus worship music or preliminary field work in a Christian congregation. Taken in .5 unit increments.

MUS 401 This course will be scheduled when there is adequate student interest in particular topics such as jazz, counterpoint, arranging for instrumental, choral or handbell groups, electronic music, music in particular cultures, a period of music history, or topics in music education. Prerequisites: depends on the topic selected, but normally Mus 202 and one (1) music history course.

MUS 402 As a study of instrumental timbre and the application of instrument combinations to achieve artistic sonority in music, this course will emphasize the study of orchestral scores and will culminate with a final project consisting of a full orchestration of a short organ prelude. This course will also help students become familiar with music notation software. Prerequisites: Mus 202, one (1) history course, and one (1) instrumental techniques course or equivalent experience. Offered alternate years.

This advanced instrumental music methods course will focus on repertoire, rehearsal management, advanced conducting issues and techniques, pedagogy, planning, and administration. Prerequisites: Mus 202 and 222 or consent of the instructor. Offered alternate years.

This course will study the organization and directing of handbell programs:
· the one (1)-unit course includes a philosophy of handbell ringing, methods for beginning ringers, materials and equipment, recruitment, and handbell literature for school and church.
· The two (2)-unit course adds literature, curriculum, and methods for more advanced ringers, small ensembles, and solos.
· The three (3)-unit course adds work in composition and arranging for handbells as well as advanced conducting.

Prerequisites for one (1) or two (2) units: experience with handbell ringing and familiarity with musical notation; for the three (3)-unit course: Mus 202 and 221.

MUS 451 This course will introduce students to the study of music as a universal cultural phenomenon and the discipline of ethnomusicology with exposure to the musical and social aspects of folk, traditional, and art music of Latin America, Africa, India, North America, Southeast Asia, and contemporary mass media. Prerequisite: Mus 101, 102, 111, 112, 201 or equivalent knowledge and experience in music strongly encouraged. Offered alternate years.

This course will introduce students to the study of music as a universal cultural phenomenon and the discipline of ethnomusicology with exposure to the musical and social aspects of folk, traditional, and art music of regions from Eastern Europe to Asia including the Middle East, Oceania, China, Japan, and Korea, as well as Mexico and the Caribbean. Prerequisite: Mus 102,
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| MUS 461 | This course will allow students to identify, understand, and work with the music capabilities of children, including the following:  
  · The two (2)-unit course is available to others primarily interested in preparing musical activities and cultivating classroom teaching skills.  
  · The three (3)-unit course is required for music education and liberal studies majors and others interested in developing school music curricula and/or other special skills and projects.  
  Prerequisite: Mus 111, 112, 201 or equivalent; basic music reading ability and musical experience recommended. |
| MUS 462 | This course will study the principles and practices for teaching music in secondary (middle and high) schools including philosophy, organization, curriculum development, and lesson-planning for general music. It will also prepare students to take the CSET (California Subject Examination for Teachers) in music.  
  Prerequisites: Mus 261 and 461 or concurrent registration. Offered alternate years. |
| MUS 471 | This advanced choral music methods course will focus on repertoire, rehearsal management, advanced conducting techniques, vocal pedagogy, planning, and administration.  
  Prerequisites: Mus 202 and 222 or consent of instructor. Offered alternate years. |
| MUS 476 | In this course students will learn concepts of communication and character development through reading, research, and writing as they develop performance skills by participating in the opera chorus and singing solo roles and writing program notes related to their role.  
  The historical and theological foundation and preparation of contemporary Christian music for the worship service. Course activities may include various methods and materials for music teams, arranging for contemporary worship ensemble, modern music theory and instruction in the use of MIDI-based devices and software.  
  Prerequisite: Mus 221 or experience in leading church music activities. Keyboard experience recommended. |
| MUS 482 | This course will survey of the role, development, and function of music in the Christian church from its roots in the Old Testament to the present day, with attention given to biblical, theological, social, and cultural considerations. Offered alternate years.  
  This is an historical survey course of Christian hymnody which will develop an awareness of the poetic, musical, theological, and spiritual aspects of hymnody for both congregational and devotional use. Offered alternate years.  
  A practical study of planning music within the worship service will be presented in this course as students draw upon their experiences in theology, worship, history, arranging, performance, and repertoire courses to create and evaluate worship forms in today's church.  
  Prerequisite: Thl 382; Mus 331, 471, 481, and Mus/Thl 482, 483, and 485 are also suggested. Offered alternate years.  
  This survey course will look at the development and function of contemporary Christian music appropriate for use within both liturgical and non-liturgical worship services as students draw upon their experiences in theology, music, and worship courses and learn to select and evaluate contemporary music appropriate for a Lutheran-Christian worship context.  
  Prerequisite: Thl 382; Mus/Thl 482, and 483 are also suggested.  
  This is a culminating field experience course for students preparing for a professional career in music. Prerequisites: music major with senior standing and all core courses completed.  
  This is an extended supervised field work course in musical leadership in a Christian congregation.  
  Prerequisites: fingerprint clearance and approval of the DPM program director.  
  A continuation of Mus 491. Prerequisites: Mus 491 and approval of the DPM director. |
| MUS 483 | |
| MUS 484 | |
| MUS 485 | |
| MUS 490 | |
| MUS 491 | |
| MUS 492 | |
### Music

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<tr>
<td>MUS 498</td>
<td>This course is the final requirement for students in the music major when church music, music theory, music history, ethnomusicology, or music education is their primary interest (see Mu_498). Prerequisite: approval of senior project application by the music faculty. See also Senior Project Guidelines available in the Music Office.</td>
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### Voice

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<tbody>
<tr>
<td>MUVO 100</td>
<td>This interactive course will introduce students to fundamental aspects of the singing process including alignment, breath support and management, resonance, vowels and consonants, and interpretation and performance techniques.</td>
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### Theology: Nursing

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<tr>
<td>NTHL 101</td>
<td>This course studies the source of Christian theology, namely the Holy Scriptures. Drawing upon the Scriptures as well as historical and doctrinal writings by Christian theologians, the student will examine major teachings of the Christian faith (i.e., the nature and knowledge of God, Christology, justification, ecclesiology, eschatology, sacraments). Differing understandings of these teachings will be explored when appropriate. Such engagement will enable the student to understand and articulate the basic tenets of Christianity. An historical and literary survey of the New Testament, with an emphasis on theological themes and their relevance for Christian faith and life.</td>
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<tr>
<td>NTHL 202</td>
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### Philosophy

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<tr>
<td>PHI 211</td>
<td>This introductory course to philosophy through the examination of major traditions of ethical reflection in the history of philosophy such as Socrates, Plato, Aristotle, Kant, and Mill will be used to prepare teams for ethics competitions. Offered in alternate years. This introductory course to the issues of the philosophy of religion including epistemological method, the classical proofs for God's existence, determinism, free will, religious experience, faith and reason, and the problem of evil. Prerequisites: Thl 101 or 371; CPhi 101 or 200 or Phi 211; or consent of instructor. Offered alternate years.</td>
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| PHI 433 | This course will introduce contemporary Western philosophy including 19th century background, the “early” and “later” Wittgenstein, G.E. Moore, B. Russell, and the “ordinary language” movement. References to Christian respondents to the practitioners of this style of philosophy will also be examined. Prerequisites: CPhi 101, 200, or Phi 211. Offered alternate years. |
| PHI 439 |
| PHI 467 | This course will examine the ethical issues raised by modern advances in health care and biological research as students study both the philosophical and theological approaches to health ethics. Special attention will be given to contemporary developments in both religious and philosophical ethics and the possibilities for dialog between philosophical theories, religious voices, and biblical ethics and will be closely tied to a range of concrete cases and narratives likely to be encountered by today's health care professionals. |

| PHI 491 | This seminar course will focus on philosophical topics which will vary |

### Physics

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<tr>
<td>PHY 211</td>
<td>This introductory course to physics will emphasize classical mechanics, wave motion and thermodynamics. Lab time is included in the schedule. A lab fee is required. Prerequisite: consent of division chair.</td>
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</tr>
<tr>
<td>PHY 212</td>
<td>As a continuation of Phy 211, this course will emphasize electricity, magnetism, light, optics, and modern physics. Lab time is included in the schedule. A lab fee is required. Prerequisite: Phy 211.</td>
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</table>
This course will study Newtonian mechanics: vectors and scalars, kinematics and dynamics of translational and rotational motion, Newton's laws, speed, velocity, acceleration, force, torque, work, energy, linear and angular momentum, wave and harmonic motion, gravitation, friction, conservation of energy and momentum, thermodynamics. A lab fee is required. Co-requisite: Mth 271 or consent of instructor.

As a continuation of Phy 221, this course will cover thermodynamics, Maxwell's equations of electricity and magnetism, current, voltage, resistance, inductance, reactance, power, optics and optical systems, interference, diffraction, polarization, dispersion, and coherence. Lab time is included in the schedule. A lab fee is required. Prerequisites: Phy 221; co-requisite: Mth 272 or consent of instructor.

This course will provide a comprehensive introduction to planetary astronomy with a brief exposure to stellar astronomy including the solar system, sun, planets, moons, asteroids, comets, meteors, meteorites, stars, galaxies, origins of the universe, telescopes, spectra, and space exploration.

This course will provide a comprehensive introduction to stellar astronomy and cosmology including star and galaxy formation, origins of the universe, black holes, dark matter, and dark energy. Lab time is included in the schedule. This course will provide a rigorous introduction to the relationship between relativity, quantum mechanics, molecular, atomic, and nuclear physics, and cosmology. Lab time is included in the schedule. A lab fee is required. Prerequisite: Phy 221 or consent of instructor.

This hands-on course will focus on the design, fabrication, and testing of analog electronic circuits, circuit components, and devices with special emphasis on the use of electronic test equipment. Lab time is included in the schedule. A lab fee is required. Prerequisites: Phy 221 and 315 or consent of instructor.

This hands-on course will focus on the design of scientific equipment, the use of scientific glassblowing, and machine shop tools, particularly the lathe and the knee-type mill, to fabricate, repair, and modify scientific equipment; also included will be a comprehensive introduction to vacuum technology. Lab time is included in the schedule. A lab fee is required. Prerequisite: Phy 221 or consent of instructor.

This course will cover classical and quantum descriptions of electromagnetic radiation, lenses, mirrors, polarizers, dispersion, refraction, diffraction, scattering, image formation, optical systems, aberrations, optical sources and detectors, spectroscopy, and matrix and Fourier transform methods in optics. Lab time is included in the schedule. A lab fee is required. Prerequisite: PHY 221 or consent of instructor.

This course will cover advanced formulations of Newton's laws of motion, conservation laws, Hamilton's and Lagrange's equations, least action principle, conservative and dissipative systems, domain of applicability, and limitations of classical mechanics. Lab time is included in the schedule. A lab fee is required. Prerequisite: PHY 221 or consent of instructor.

This course will provide a rigorous introduction to the mathematical and computational methods that underlie physics including multivariable calculus, differential equations, matrix methods, expansions in complete sets of orthonormal functions, complex variables, eigenvalue/eigenvector problems, and variational methods. Prerequisites: PHY 221 and MTH 373 or consent of the instructor.
**Physics**

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<tr>
<td>PHY</td>
<td>410</td>
<td>This course will focus on electrical charge, Coulomb's law, electric fields associated with stationary charge distributions, moving charges, currents, magnetic fields, Lorentz force law, Faraday's law of induction, Maxwell's equations, generation, propagation, polarization, and detection of electromagnetic radiation, and basic antenna theory. Prerequisites: PHY 405 and MTH 373 or consent of instructor.</td>
</tr>
<tr>
<td>PHY</td>
<td>420</td>
<td>This course will address key concepts and methods in quantum physics with special emphasis on setting up, solving, and approximating solutions of the Schrodinger equation by perturbational or variational methods, and describing spectroscopy in terms of transitions between quantum states. Prerequisites: PHY 405 and MTH 373 or consent of instructor.</td>
</tr>
<tr>
<td>PHY</td>
<td>425</td>
<td>This course will address key concepts in thermodynamics including the 0th, 1st, 2nd, and 3rd laws, Maxwell’s equations of thermodynamics, heat capacities, state functions, heat, work, heat engines, thermodynamic cycles, and an introduction to statistical thermodynamics. Prerequisite: PHY 221 or consent of instructor.</td>
</tr>
<tr>
<td>PHY</td>
<td>435</td>
<td>This course will provide a comprehensive overview of the fundamental concepts of the structure, bonding, and chemical/physical properties of solid systems: metals, semiconductors, superconductors, insulators, and glasses. Prerequisites: PHY 221 and CHE 222 or consent of the instructor.</td>
</tr>
<tr>
<td>PHY</td>
<td>445</td>
<td>This course will provide an in-depth exposure to an advanced physics topic or set of related physics topics in an upper-division class setting in areas not covered by the regular curricular offerings in physics. Prerequisites: junior or senior standing in physics and consent of instructor.</td>
</tr>
<tr>
<td>PHY</td>
<td>455</td>
<td>This course will provide a rigorous introduction to special and general relativity in both its special and general forms to problems in cosmology. Prerequisites: junior or senior standing in physics and consent of instructor. This course will focus on cutting-edge problems in stellar, galactic, and extra-galactic astronomy with an emphasis on techniques for experimental measurements in astronomical photometry and spectroscopy. Lab time is included in the schedule. A lab fee is required. Prerequisites: PHY 221 and either PHY 231 or 232 or consent of instructor.</td>
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**Political Science**

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<tr>
<td>POL</td>
<td>304</td>
<td>This course will explore the basic background and methods for analysis of current issues in international affairs such as the arms race, detente, human rights and the role of multinational corporations.</td>
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<tr>
<td>POL</td>
<td>312</td>
<td>The development of judicial interpretation of the U.S. Constitution from 1789 to the present will be examined in this course with an emphasis on the political, social, cultural, and economic context for key Supreme Court decisions. The case study method will be used to introduce</td>
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### Political Science

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<tr>
<td>POL 321</td>
<td>This course will analyze the nuances and trace the development of Western political thought from classical Greece to 17th century northern Europe with attention given to the questions facing every generation concerning the nature of political association and the good society. Students will become familiar with each major political thinker, the context in which they wrote, and influence upon the history of ideas.</td>
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<tr>
<td>POL 322</td>
<td>This course will analyze the nuances and trace the development of Western political thought from the early Enlightenment (17th century) to the present with attention given to the questions facing every generation concerning the nature of political association and the good society. Students will become familiar with each major political thinker, the context in which they wrote, and their influence upon the history of ideas.</td>
<td></td>
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<tr>
<td>POL 341</td>
<td>This course will present a thematic study of English culture and life from the reign of King Henry VIII through the war for American Independence with special attention being paid to culture, governance, and factors that led to the expansion of the British Empire and the conflicts in North America. Offered alternate years.</td>
<td></td>
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<tr>
<td>POL 412</td>
<td>This course will look at the origins of the American political system from the end of the Seven Years' War through the Louisiana Purchase and Marbury vs. Madison, focusing on government under the Articles of Confederation, the Constitutional Convention, ratification controversies, the first political party system, and Jeffersonian vs. Hamiltonian approaches to government. Offered alternate years.</td>
<td></td>
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<tr>
<td>POL 413</td>
<td>The role of religion in American public life will be examined in this course with an emphasis on the interpretation and impact of the First Amendment and the concept of &quot;separation of church and state&quot; on religious and political life in the United States. Offered alternate years.</td>
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### Psychology

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<th>Course Description</th>
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<tbody>
<tr>
<td>PSY 101</td>
<td>Concepts and principles pertinent to psychological processes of social behavior, development, motivation, sensation, perception, cognition and memory, learning, personality, psychological disorders and their treatment, as well as the biological perspective will be examined in this course.</td>
<td></td>
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<tr>
<td>PSY 202</td>
<td>This survey course will look at the topic of human sexuality with a foundation in Christian ethics guiding sexual conduct and the development of sexual behavior including gender identity, sexual orientation, sexual anatomy, contraception, reproduction and birthing, sexually transmitted diseases, sexual dysfunctions, and the paraphilias.</td>
<td></td>
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<tr>
<td>PSY 261</td>
<td>This introductory course to the addictive behavior connected with alcoholism and drug use will teach students to understand the biological and psychological processes of addiction and the use of various interventive strategies in treatment.</td>
<td></td>
</tr>
<tr>
<td>PSY 313</td>
<td>The development of physiological and psychological aspects of human growth will be traced from birth through childhood in this course through an examination of the theories and research evidence as well as methodological problems as they relate to the growth process. Prerequisite: sophomore standing or above.</td>
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### Psychology

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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>PSY</td>
<td>314</td>
<td>This course will study human development during the adolescent period with an emphasis on an examination of theories and research data as they relate to adolescent development including problems and adjustment patterns in the context of the family, peer groups, school, and society.</td>
</tr>
<tr>
<td>PSY</td>
<td>315</td>
<td>This introductory course to the major psychological and developmental issues concerning adulthood, aging, and the aging process will examine the issues associated with the physical, psychological, cultural, and social aspects of aging; and give students a better understanding of the grief process as it relates to the issues of adulthood and aging; and dispel many of the myths and stereotypes about aging. Offered alternate years.</td>
</tr>
<tr>
<td>PSY</td>
<td>320</td>
<td>This course will focus on the development and change through the human life-span including childhood, adolescence, adulthood, and aging. Physical, social, communicative, emotional, and cognitive issues will be covered along with the expected milestones during each phase of development while looking at each individual's unique and multifaceted physiological, psychological, sociological, and spiritual dimensions.</td>
</tr>
<tr>
<td>PSY</td>
<td>340</td>
<td>This introductory course to the biological basis of behavior will include topics on the structure and function of the nervous system, brain-behavior relationships, and hormonal and genetic effects on behavior. Prerequisites: Psy 101; limited to psychology and behavioral science majors or consent of instructor.</td>
</tr>
<tr>
<td>PSY</td>
<td>345</td>
<td>The effect of social influences upon the development of personality and behavior patterns will be examined in this course including socialization, attitude formation and change, communication, propaganda, roles and stereotypes, leadership, and collective behavior.</td>
</tr>
<tr>
<td>PSY</td>
<td>351</td>
<td>This course will study personality through the examination of the psychological systems which determine an individuals unique adjustments to their environment including the major issues and the variety of personality theories and underlying research. (Alternate prerequisite for all upper-level psychology courses.)</td>
</tr>
<tr>
<td>PSY</td>
<td>361</td>
<td>This introductory course will look at the symptoms, causes, treatment, and prevention of psychopathology including topics in anxiety, personality, and psychophysiological disorders; psychoses; addictions; sexual deviations; and organic disorders. Prerequisite: Psy 101 or its equivalent or consent of instructor.</td>
</tr>
<tr>
<td>PSY</td>
<td>371</td>
<td>This theoretical and research-based course will investigate the mental processes that underlie perception, imagery, attention, memory, language, reading, reasoning, decision making, and problem solving.</td>
</tr>
<tr>
<td>PSY</td>
<td>381</td>
<td>In this course students will conduct original, empirical, and/or literature review-only research under the direct supervision of and/or collaboration with an assigned faculty member with the express intent of having the resulting manuscript published in a reputable psychological outlet (e.g. professional journals, monographs, book chapters, etc.) and presentation at a professional conference. Prerequisites: research methods and statistics courses, junior or senior standing, expressed interest in applying to graduate school in psychology or kindred fields, commitment to a year-long sequence of Psy 381 and 382, and consent of instructor.</td>
</tr>
<tr>
<td>PSY</td>
<td>382</td>
<td>A continuation of Psy 381. Prerequisite: Psy 381.</td>
</tr>
<tr>
<td>PSY</td>
<td>390</td>
<td>This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience.</td>
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## Psychology

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<tbody>
<tr>
<td>PSY</td>
<td>403</td>
<td>Unlike traditional models and schools of thought that see diseases solely as malfunctions of organs or breakdowns of body systems, this course will present the approach that health and illness are parts of a complex interplay among biological, psychological, and social factors.</td>
</tr>
<tr>
<td>PSY</td>
<td>441</td>
<td>This course will cover clinical psychology's history and current professional issues, psychological assessment, training, and ethical issues with an emphasis on the role of the psychologist as an expert witness in court. Prerequisites: Psy 361 or its equivalent, or consent of instructor.</td>
</tr>
<tr>
<td>PSY</td>
<td>466</td>
<td>This foundation course will provide an understanding of the content and process of counseling including basic skills, legal and ethical issues, crisis intervention, cultural sensitivity, how and when to refer, control-mastery theory, and the integration of psychology and theology.</td>
</tr>
<tr>
<td>PSY</td>
<td>490</td>
<td>This course is an intense, practical, full- or part-time experience outside the classroom that is an integral part of a professional program, contributing significantly to the student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limit the maximum number of internship credit.</td>
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## Science

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<th>Subject</th>
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<tr>
<td>SCI</td>
<td>115</td>
<td>This is an introductory course to position, motion, and properties of the solar system and cosmos including a survey of spatial concepts of the earth's crust, materials, structure, and the effects on the land forms, soil, vegetation, and natural resources. An overview of the atmosphere, its composition, and the processes that make the earth's surface so dynamic will be included. Prerequisites: Bio 101 or CBIO 101.</td>
</tr>
<tr>
<td>SCI</td>
<td>118</td>
<td>This course will provide an introduction to the physical sciences in the context of physical oceanography along with the basic concepts of physics and chemistry including properties of water, ocean currents, heat budget, nutrient cycling, ocean-atmosphere interaction, El Niño-Southern Oscillation, ocean waves, and tidal cycles. Lab time is included in the schedule along with field trips during lab time and up to two (2) weekend field trips.</td>
</tr>
<tr>
<td>SCI</td>
<td>211</td>
<td>This course will present a study of the origin and composition of rocks and minerals; landscape development by water, ice, and wind; earthquakes; the earth's interior; the nature of mountains and their development; the drift of continental and oceanic plates; and environmental aspects of geology. One to two (1-2) weekend field trips may be required. Lab time is included in the schedule. A lab fee is required. Offered alternate years.</td>
</tr>
<tr>
<td>SCI</td>
<td>301</td>
<td>This is an introductory course to the position, motion, and properties of the solar system and cosmos including a survey of spatial concepts of the earth's crust, materials, structure, and the effects on the land forms, soil, vegetation, and natural resources. An overview of the atmosphere, its composition, and the processes that makes the earth's surface so dynamic will be included. Prerequisites: Bio 101, Sci 115.</td>
</tr>
<tr>
<td>SCI</td>
<td>318</td>
<td>This course will provide an interdisciplinary introduction to the biological, physical, and chemical processes, as well as the human activities that influence the presence, distribution, form, and function of marine life across a variety of marine habitats. The use of traditional lectures; peer-led, problem-based learning; and time in the lab will be included. Field trips during lab time should be expected, as well as up to two (2) weekend field trips. Prerequisites: Bio 101,</td>
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### Science

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<tr>
<td>SCI 390</td>
<td>111, or CBio 101, Sci 115. This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor or professional program that is a beneficial complement to the student's academic experience. This is a historical overview course of the development of science and its philosophy, concentrating on Western thought from Augustine and the Greek influence through today's cosmology (the Big Bang) and evolutionary synthesis. Emphasis will be placed on the evolutionary synthesis, its development and controversies including the distinction between material naturalist, philosophical naturalist, and the philosophical problems of consciousness, rationality, and reductionism.</td>
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<tr>
<td>SCI 455</td>
<td>This course will introduce scientific research with an emphasis on process, skills, and methods. Basic techniques in laboratory, library database, peer-reviewed abstracts and journals, and statistical analysis research will be used to write papers and presentations. Prerequisite: sixteen (16) units of major courses or consent of instructor.</td>
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<tr>
<td>SCI 495</td>
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### Sociology

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<tbody>
<tr>
<td>SOC 101</td>
<td>This course will analyze the topics of socialization; social interaction, relationships, deviance, control, institutions, processes, and change; family and educational problems; child abuse; crime and delinquency; and drug, alcohol, and tobacco abuse.</td>
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<tr>
<td>SOC 229</td>
<td>This introductory course to the scientific study of crime as a social phenomenon focus on how crime in our society is related to the collective aspects of human life.</td>
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<tr>
<td>SOC 316</td>
<td>This course will analyze ethnicity in contemporary urban society including the relationship between sub-cultural communities and the larger society; examining the factors and processes in the formation of minority groups; and looking at strategies for changing dominant-minority patterns.</td>
<td></td>
</tr>
<tr>
<td>SOC 320</td>
<td>This course will introduce the sources, functions, and dynamics of the unequal distribution of wealth, power, knowledge, and prestige in an historical, comparative perspective.</td>
<td></td>
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<tr>
<td>SOC 321</td>
<td>As an introduction to the major problems in contemporary America, this course will focus on the causes, theoretical explanations, and social policy solutions including economic, political, urbanization, environmental, family and educational problems; child abuse; social deviance; crime; delinquency; and drug, alcohol, and tobacco abuse.</td>
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<tr>
<td>SOC 325</td>
<td>This course will offer a multidisciplinary perspective to understanding women's roles along with an analysis of the status of women in Western society from a cross-cultural perspective including gender stereotypes, the theories of male domination, male-female relationships, women's liberation, and the role of women in the church. Using a Christian approach to marriage, this course will study the family and its intimate environment including a discussion of courtship and role relationships within the family as a social institution. An emphasis will be placed on the changing nature of the family, family problems, and family strengths.</td>
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<tr>
<td>SOC 331</td>
<td>With an overview of the socialization process involving the young child in the larger cultural setting, this course will focus on social institutions as social agents including the family, school, peer groups, mass media, and community structures. Prerequisite: sophomore standing or above.</td>
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<tr>
<td>SOC 332</td>
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## Sociology

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<tr>
<td>SOC</td>
<td>355</td>
<td>This course will look at aging from a sociological perspective with attention given to current research, problems faced by the elderly, the impact of an increasingly aging population on society, and the resulting implications for policy and social intervention. Offered alternate years.</td>
</tr>
<tr>
<td>SOC</td>
<td>365</td>
<td>This course will investigate globalization and its impact on the political, social, and cultural arrangements around the world. Students will investigate the various definitions and interpretations of globalization; analyze how globalization is experienced in different countries; and examine the various reactions to globalization - both for and against. This course will examine selected social theories and theorists and the history and development of social theory including the following: the formulation and evaluation of social theories such as social systems, evolutionary, formal, phenomenological, symbolic interaction, social action, and exchange theories; sociology of knowledge; and functionalism. Offered alternate years.</td>
</tr>
<tr>
<td>SOC</td>
<td>461</td>
<td>This course will examine selected social theories and theorists and the history and development of social theory including the following: the formulation and evaluation of social theories such as social systems, evolutionary, formal, phenomenological, symbolic interaction, social action, and exchange theories; sociology of knowledge; and functionalism. Offered alternate years.</td>
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## Spanish

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<tr>
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<tbody>
<tr>
<td>SPA</td>
<td>101</td>
<td>Through a natural approach to Spanish this course, which will be taught in Spanish, is for students who have had no or less than two (2) years of high school instruction and will emphasize speaking, listening, reading, and writing.</td>
</tr>
<tr>
<td>SPA</td>
<td>102</td>
<td>A continuation of Spa 101. Prerequisite: Spa 101 or two (2) years of high school Spanish. Fulfills foreign language requirement.</td>
</tr>
<tr>
<td>SPA</td>
<td>201</td>
<td>This course will provide a systematic review of grammar including readings that will provide an introduction to Spanish culture and literature. Prerequisite: Spa 102 or equivalent.</td>
</tr>
<tr>
<td>SPA</td>
<td>202</td>
<td>A continuation of Spa 201. Prerequisite: Spa 201 or equivalent.</td>
</tr>
<tr>
<td>SPA</td>
<td>301</td>
<td>This course will help students develop an increased mastery of the spoken language through extensive text and periodical readings with an emphasis on small-group discussion. Prerequisite: Spa 202 or equivalent. Through extensive reading of Spanish writings, this course will review grammatical principles and require regular composition work based on these readings. Prerequisite: Spa 202 or equivalent.</td>
</tr>
<tr>
<td>SPA</td>
<td>302</td>
<td>This course will study representative works of Spanish literature from the Middle Ages to the present. Prerequisite: Spa 202. Offered in alternate years.</td>
</tr>
<tr>
<td>SPA</td>
<td>311</td>
<td>This course will study representative works of Spanish-American literature from the Conquest to the present. Prerequisite: Spa 202. Offered alternate years.</td>
</tr>
<tr>
<td>SPA</td>
<td>312</td>
<td>This course will study representative works of Spanish-American literature from the Conquest to the present. Prerequisite: Spa 202. Offered alternate years.</td>
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## Sport Management

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<tr>
<td>SPMT</td>
<td>222</td>
<td>This course will provide knowledge about the broad field of sport management and the elements of managing people, operations, finance, and the work environment in a variety of occupational settings with insight into strategies for professional preparation and career opportunities being discussed. Special topics will include public relations, marketing, legal issues, interviewing, leadership, effective communication, sport ethics, and perspectives on international sports.</td>
</tr>
<tr>
<td>SPMT</td>
<td>323</td>
<td>This course will study the multidimensional field of sport marketing and sponsorship including a survey of current research, theories, and strategies for sport marketing in profit and non-profit venues. Additional emphasis will be focused on the growing area of sport sponsorship. Prerequisite: SPMT 222.</td>
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<tr>
<td>Subject</td>
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<tr>
<td>SPMT 326</td>
<td>Through a study in the management of facilities and sport business, this course will incorporate the development of a new sport business and the management of existing sport businesses including current strategic planning models, sport finance, business leadership, and facility management. Prerequisite: SPMT 222.</td>
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<tr>
<td>SPMT 350</td>
<td>This course will examine the legal issues in sport and physical education and provide an explanation of key areas of the law such as negligence, contracts, civil rights, battery, and defamation.</td>
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<tr>
<td>SPMT 420</td>
<td>This course will provide an understanding of the factors and ramifications of financial issues on sport organizations and events including economic principles, financial resource management, economic impact analysis, financing major sport events, stadium/arena financing, and grant acquisition. Prerequisite: SPMT 222 and Fin 331.</td>
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<tr>
<td>SPMT 430</td>
<td>This course will give students the opportunity to demonstrate synthesis of knowledge, practice, and skills developed throughout the sport management program. Special emphasis will be placed on Christian ethical leadership needed in the sports industry. It will provide opportunities for students to investigate the influence their specific sport management skills will have on the local, national and global level. Prerequisite: SPMT 420.</td>
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<tr>
<td>SPMT 475</td>
<td>This course will serve as the capstone for the business program through the development of a signature assignment that will demonstrate the deployment of the tools, skill sets, and knowledge acquired from prior business courses in the development of strategic plans of action for an enterprise. Prerequisite: business major; senior standing; and Act 212, Mgt 312, and Mkt 341.</td>
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<tr>
<td>THL 201</td>
<td>This course will investigate the literature of the Old Testament in light of its cultural and canonical contexts with an emphasis on its major theological questions and themes and their relevance for Christian faith and life.</td>
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<tr>
<td>THL 202</td>
<td>Through a historical and literary survey of the New Testament, this course will emphasize theological themes and their relevance for Christian faith and life.</td>
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<tr>
<td>THL 222</td>
<td>This course will introduce students to the theology and practice of Christian evangelism, through the development of the skills needed to share the Gospel with others.</td>
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<tr>
<td>THL 281</td>
<td>This course will provide an overview of the contemporary worship arts profession and its methods and principles including the study and evaluation of worship services in churches of various sizes and denominations; technologies, equipment, and tools that support worship arts programming; common worship band principles; approaches used in service planning; and the use of dance, drama, and visual arts. Offered alternate years.</td>
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<tr>
<td>THL 304</td>
<td>This course will surveys the origin and development of the Christian church through the examination of its political and cultural contexts and influences with special consideration given to theological themes which surfaced at different times and places throughout the history of the Christian church, culminating with 21st century trends in fundamentalism, evangelicalism, and ecumenism.</td>
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<tr>
<td>THL 311</td>
<td>This course will offer an in-depth study of a single book of the Old Testament or several books in their entirety which will vary from offering and be selected by the instructor. Prerequisite: Thl 201 of consent of instructor. This course may be repeated for credit if a different book is studied.</td>
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</table>
| THL 312 | This course will offer an in-depth study of a single book of the New Testament or several smaller books in their entirety which will vary from offering to offering and be selected by the instructor. Prerequisites: Thl
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<tr>
<td>THL</td>
<td>321</td>
<td>This survey course of the world's major non-Christian religions will include motifs, belief patterns, ritual and worship, ethics and social patterns, origin and development, and sacred writings.</td>
</tr>
<tr>
<td>THL</td>
<td>351</td>
<td>With an emphasis on the major themes in the history of Christian thought beginning with the church fathers, this course will look at the medieval thinkers, and culminate with the work of St. Thomas. Offered alternate years.</td>
</tr>
<tr>
<td>THL</td>
<td>355</td>
<td>This course will introduce students to the social, political, and intellectual context of the various 16th century reformations of the church in Europe as well as the events, ideas, and implications of these reform movements with attention given to both the &quot;magisterial&quot; and &quot;radical&quot; Protestant and Catholic reformation. Offered alternate years.</td>
</tr>
<tr>
<td>THL</td>
<td>358</td>
<td>After a survey of the 18th and 19th century, this course will focus on theological thought after Protestant liberalism and up to the present day with some time devoted to conservative responses. Offered alternate years.</td>
</tr>
<tr>
<td>THL</td>
<td>371</td>
<td>This introductory course in systematic and confessional theology will cover theological method, revelation and Scripture, Law and Gospel, the Triune God and His attributes, humanity and sin, and the person and work of Jesus Christ as the God/man, with an emphasis on key biblical material and its expression in the Lutheran Confessions.</td>
</tr>
<tr>
<td>THL</td>
<td>372</td>
<td>This introductory course in systematic and confessional theology will cover the work of Christ, the person and the work of the Holy Spirit, the church and eschatology with an emphasis on key biblical materials and its expression in the Lutheran Confessions. Prerequisite: Thl 371.</td>
</tr>
<tr>
<td>THL</td>
<td>375</td>
<td>This introductory survey course of several major Western theological positions is organized around the systems of Roman Catholicism, Luther, Calvin and Wesley. Prerequisite: CThl 101, 200, Thl 101, or equivalent.</td>
</tr>
<tr>
<td>THL</td>
<td>381</td>
<td>This course will look at the theology, methods, and principles for leading a worship arts ministry including the evaluation and development of working definitions for 'contemporary' worship; planning worship services for varied congregational settings; worship ministry in the context of congregational change; values that shape worship ministry programming; the role of technology; and the application of a theology of worship in cultivating a character of leadership. Prerequisite: Mus 281 or consent of instructor. Offered alternate years.</td>
</tr>
<tr>
<td>THL</td>
<td>382</td>
<td>Through an examination of the theology of corporate worship as it is taught in Scripture, the Lutheran Confessions, and how it has developed throughout the history of the church, this course will look at the criteria for preparing and evaluating worship services in today's church. Prerequisite: CThl 101, 200, or equivalent.</td>
</tr>
<tr>
<td>THL</td>
<td>429</td>
<td>Through an intensive study of the major themes of the Old and New Testaments, this course will introduce and apply the tools and principles of exegesis and hermeneutics with special emphasis on deriving Law and Gospel principles for use in congregational ministry. Prerequisite: Thl 201 and 202 or concurrent enrollment.</td>
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## Theology

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<tr>
<td>THL</td>
<td>430</td>
<td>The relationship of the Christian faith to the major philosophies and ideologies that conflict with Christianity will be evaluated from the 2nd century to the present in this course. Prerequisite: junior or senior standing or consent of instructor.</td>
</tr>
<tr>
<td>THL</td>
<td>463</td>
<td>Selected primary source readings in Western Christianity including Augustine (Confessions), Life of St. Antony, selected Western mystics, St. Anselm, St. Thomas Aquinas, Luther, Calvin and Wesley will be studied in this course. Prerequisite: CThl 101, 202, Thl 101, junior standing, or consent of instructor.</td>
</tr>
<tr>
<td>THL</td>
<td>465</td>
<td>Through an exploration of morality and ethics in the light of what Scripture teaches, this course will orient students to the main approaches, both traditional and contemporary, of non-biblical philosophical ethics as they learn how the Christian faith interacts with these approaches. The significance of the Lutheran confessional distinction between God's left and right hand rule will also be explored. Student research and presentations on contemporary ethical issues is usually included. Prerequisite: junior or senior standing or consent of instructor.</td>
</tr>
<tr>
<td>THL</td>
<td>467</td>
<td>This course will examine both the philosophical and theological approaches to ethics in light of the issues raised by modern advances in health care and biological research that will be closely tied to range of concrete cases and narratives likely to be encountered by today's health care professions. Special attention will be given to the possibilities for dialog between philosophical theories, religious voices, and biblical ethics.</td>
</tr>
<tr>
<td>THL</td>
<td>481</td>
<td>This course will provide an overview of the theology and practice of Christian missions including the historical development, missionary methods, evangelism programs, and paradigm shifts including the skills needed to share the Gospel to others. Offered alternate years.</td>
</tr>
<tr>
<td>THL</td>
<td>482</td>
<td>This course will survey the role, development, and function of music in the Christian church from its roots in the Old Testament to the present day, with attention given to biblical, theological, social, and cultural considerations. Offered alternate years.</td>
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<tr>
<td>THL</td>
<td>491</td>
<td>This seminar course will focus on a theological topic that will vary with</td>
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## Theatre

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<tr>
<td>THR</td>
<td>111</td>
<td>This activity-oriented course is designed to acquaint students with the ephemeral and experiential nature of the theatre including play-going, play-making (i.e., scene work), rudimentary play analysis, discussion, and direct participation in on-campus productions.</td>
</tr>
<tr>
<td>THR</td>
<td>211</td>
<td>This course will introduce students to the application of computer hardware and software for the theatre including instruction and practice in computer aided design (CAD), computer rendering, and 3D modeling. A lab fee of is required. Offered alternate years.</td>
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<td>THR</td>
<td>241</td>
<td>This course will provide intensive training in the integral use of the voice and body for the actor through the development of tools for communicating character and subtext including vocal and physical relaxation, flexibility, and strength and is intended for students who plan to pursue further study in acting.</td>
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<tr>
<td>THR</td>
<td>251</td>
<td>This course will provide an overview of the various conventions, forms, styles, and genres of the theatre, including principles of play analysis and exploration of theatre criticism from dramaturgical, literary, and cultural perspectives through the thematic discussions of representative contemporary plays. There may be an additional charge for required field trips.</td>
</tr>
<tr>
<td>THR</td>
<td>261</td>
<td>As an introduction to basic acting techniques, this course will examine ways to construct the interior,</td>
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course is an advanced approach to acting techniques used in contemporary realism material including an in-depth study of scene and character analysis; performance of monologues, improvisations, and exercises based on the Meisner technique and other acting approaches. Lab time is included in the schedule. There may be an additional charge for field trips. Prerequisite: Thr 261 or consent of instructor.

THR 311
Through hands-on experiences this course will introduce the practical application of theatrical design principles including techniques and practices of technical organization, set construction, lighting preparation, costume construction, makeup application, and sound preparation. Field trips (additional charge) and participation in on-campus productions required. A lab fee is required. Prerequisite: Thr 251 or consent of instructor.

THR 321
As an introduction to the theories and principles of theatrical design, this course will emphasize the holistic and scenographic approach, while exploring set, lighting, costume, makeup, and sound design with director/designer collaboration. Field trips and participation in on-campus productions required. A lab fee is required. Prerequisite: Thr 251 or consent of instructor.

THR 323
Through a survey of historical periods and design styles as they are applied to theatre, this course will include an examination of architecture, costumes, furniture, interiors, lighting, ornament, and stage scenery. A lab fee is required.

THR 325
This course will study scenography covering the design of stage settings and properties, including further development of drafting skills for the theatre. A lab fee is required. Prerequisite: Thr 321 or consent of instructor. Offered alternate years.

THR 327
This course will focus on the designing of theatrical lighting and sound and the practical application of those designs to the stage. A lab fee is required. Prerequisite: Thr 321 or consent of instructor. Offered alternate years.

THR 329
Through the design of theatrical costumes and accessories expressed through color renderings, this course will include overview of the history of costume. A lab fee is required. Prerequisite: Thr 321 or consent of instructor. Offered alternate years.

THR 330
This course will provide in-depth work in solo and group oral interpretation including selection, adaptation, and presentation of readers theater programs for children and adults. Intercultural issues in performance, performing for religious audiences, and performance of non-fiction will also be examined. There may be an additional charge for required field trips. Offered alternate years.

THR 351
This course will introduce students to the following techniques: play selection and analysis, auditioning, scene design and staging, actor coaching, rehearsal strategies, and production management. Both the principles for proscenium and the open stage will be discussed along with the presentation and evaluation of workshop scenes. Prerequisites: Thr 251, 261 and 262 or consent of instructor.

THR 371
As an advanced study of theatrical performance techniques and through the use of in-class workshop experiences, this course will emphasize the acting of Shakespeare and other period styles and include exercises, analytical skills, rehearsal procedures, and
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<tr>
<td>THR 381</td>
<td>This course will examine various theatre cultures, concentrating on theatrical texts and performances written and produced within the past sixty (60) years including contemporary trends and styles. There may be an additional charge for required field trips. Prerequisite: Thr 251 or consent of instructor. Offered alternate years.</td>
<td></td>
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<tr>
<td>THR 390</td>
<td>This course, intended for students in the theatre major, is a practical, hands-on learning experience where student will work on one or more theatre department productions. Credit is earned in one (1)-unit increments.</td>
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<tr>
<td>THR 391</td>
<td>This course is a practical, hands-on learning experience where students will work on one or more theatre productions. Credit is earned in one (1)-unit increments.</td>
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<tr>
<td>THR 392</td>
<td>This course, intended for students in the Musical Theatre minor, is a practical, hands-on learning experience where student will work on one or more theatre department productions. Credit is earned in one (1)-unit increments.</td>
<td></td>
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<tr>
<td>THR 441</td>
<td>Through the study of representative plays, this course will examine the various theatre cultures from the Classical period through the Renaissance, giving consideration to the theatrical conventions, visual art, music, and significant historical events of the periods. There may be an additional charge for required field trips. Prerequisite: Thr 251 or consent of instructor. Offered alternate years.</td>
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<tr>
<td>THR 442</td>
<td>As a continuation of Thr 441, this course will examine theatre cultures from the Renaissance to the present day. There may be an additional charge for required field trips. Prerequisite: Thr 251 or consent of instructor. Offered alternate years.</td>
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<tr>
<td>THR 451</td>
<td>This course will examine various theatre cultures, concentrating on theatrical texts and performances written and produced within the past sixty (60) years including contemporary trends and styles. There may be an additional charge for required field trips. Prerequisite: Thr 251 or consent of instructor. Offered alternate years.</td>
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<tr>
<td>THR 452</td>
<td>As an advanced study of selected plays from the standpoint of the theatre artist (actor, director, designer), this course will look at the process of translating a dramatic text to theatrical production. An emphasis will be placed upon the techniques of perception, imagination, and integration used in developing a concept and determining specific performance and design choices with the application of analysis through projects and presentations. Offered alternate years.</td>
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<tr>
<td>THR 461</td>
<td>With an emphasis upon personal dramatic experience and drama as process instead of theatrical product, this course will examine the principles and procedures for utilizing creative dramatics activities in a variety of settings, as expressed through individual and group movement, sound, and improvisation. Practicum lab hours required.</td>
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### Theatre

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<tr>
<td>THR</td>
<td>489</td>
<td>This course will explore the skills and materials needed for the professional theatre artist as students create a portfolio, résumé, and other necessary items to prepare for a career in the arts. A Lab fee is required.</td>
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<tr>
<td>THR</td>
<td>498</td>
<td>This advanced, thesis-style course will require intensive, hands-on activity at an advanced level under the supervision of a faculty member. Prerequisites: theatre major, senior status, and application approval by the theatre faculty (also see Theatre Showcase Guidelines available in the Theatre Office).</td>
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### Writing

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<tr>
<td>WRT</td>
<td>099</td>
<td>In this course students will strengthen their writing skills so they become comfortable and competent writing essays on the college level. Class meetings will be dedicated to reading and analyzing essays and articles; reviewing functional grammar and sentence skills; writing coherent, well-developed paragraphs and essays; and learning essential research and documentation techniques. Placement by SAT or ACT score. Units do not count toward graduation.</td>
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<tr>
<td>WRT</td>
<td>102</td>
<td>In this course students will practice research methods and a variety of writing strategies such as narration, description, exposition, argumentation, and develop skills as critical thinkers, readers, and writers through research, reading, writing, and writer workshops.</td>
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<tr>
<td>WRT</td>
<td>201</td>
<td>In this course students will explore the aesthetic range of the essay by reading selected works from a variety of authors examining them not only as objects for analysis, but also as models for stylistic experiments as students practice the art of the essay. Freshman placement by SAT or ACT scores.</td>
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<tr>
<td>WRT</td>
<td>323</td>
<td>As a multi-genre introduction to the craft of creative writing, this course will examine literary conventions as well as the writing techniques and tools essential to effective writing and editing. Prerequisite: Wrt 102 or 201.</td>
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<tr>
<td>WRT</td>
<td>324</td>
<td>As an introductory course to the art and craft of writing for young audiences, students will read, analyze, and write both fiction and nonfiction pieces and include market analysis techniques and the submission of work for publication. Prerequisite: Wrt 102 or 201.</td>
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<tr>
<td>WRT</td>
<td>327</td>
<td>This course will involve a sustained exploration of the creative process in writing fiction as students complete several short stories, perform close analysis of published works, and participate in writing workshops. Prerequisite: Wrt 102 or 201. Offered alternate years.</td>
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<tr>
<td>WRT</td>
<td>328</td>
<td>This course is designed to sharpen students' awareness of and skill in using the elements of poetry, as they complete a number of original poems in a variety of traditional and contemporary forms and styles including class discussions of its own creative work and a wide variety of anthologized poetry in a workshop setting. Prerequisite: Wrt 102 or 201. Offered alternate years.</td>
</tr>
<tr>
<td>WRT</td>
<td>329</td>
<td>This course will examine and discuss the art and craft of contemporary nonfiction with practice in a variety of genres including markets analysis techniques and the submission of work for publication. Prerequisite: Wrt 102 or 201.</td>
</tr>
<tr>
<td>WRT</td>
<td>330</td>
<td>This intense, creative, nonfiction writing course will combine with ethnographic research, blogging, and backpack journalism as students write about thirty-five (35) pages of essays, profiles, literary journalism, and reviews that will be published weekly on a blog together with photos and video content. Assignments will require students to observe and engage with people in various countries where they are volunteering and studying.</td>
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| WRT     | 333    | As a focused exploration of genre and subject matter in a workshop setting, this course willinclude
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<tr>
<td>WRT</td>
<td>390</td>
<td>nature, travel, and experimental writing. Course may be repeated for elective credit. Prerequisite: Wrt 102 or 201. Offered alternate years. This course is a practical, hands-on experience outside the classroom directly related to the student's major, minor, or professional program that is a beneficial complement to the student's academic experience.</td>
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<tr>
<td>WRT</td>
<td>427</td>
<td>This capstone course will provide students with an opportunity to write more intensively and extensively through the creation of new work and revising previously written work in a workshop setting. Prerequisites: students in the creative writing minor need to have taken three (3) of the following courses - Wrt 323, 327, 328, and 329. Offered alternate years.</td>
</tr>
<tr>
<td>WRT</td>
<td>490</td>
<td>This is an intense, practical, full- or part-time experience outside the classroom that is an integral part of a professional program, contributing significantly to the student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limit the maximum number of internship credit.</td>
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