



Thirty-seventh Academic Year 2012 – 2013

Our Mission

Concordia University Irvine, guided by the Great Commission of Christ Jesus and the Lutheran Confessions, empowers students through the liberal arts and professional studies for lives of learning, service, and leadership.

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 Concordia University Student Handbook, Concordia University Student Code of Conduct, the Concordia University Handbook and the Concordia University Master Course Schedule. Students are expected to confer with their academic and/or faculty 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

The university telephone number is: (949) 854-8002;
FAX: (949) 854-6854.

Office Hours: 8:00 a.m. to 4:30 p.m. Monday–Friday unless otherwise noted.

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 advisor,

program director, 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 the Board of Regents.

Direct correspondence to departments listed in the Information Directory.

General Information

Educational Targets and Goals

Systematic Inquiry

Students will acquire and continue to use systematic skills for encountering knowledge. They will articulate a problem, structure an investigation, gather suitable resources, organize and manipulate qualitative or quantitative data and think critically to reach appropriate conclusions.

Clear Communication

Students will acquire and continue to use knowledge and skills for sharing thoughts, data and feelings through writing, speaking, selected technical media and information management.

Health and Well-Being

Students will acquire and continue to use knowledge and skills which enhance their physical, economic, psychological and spiritual well-being and environment, laying the groundwork for satisfying and responsible leisure as well as vigorous and purposeful work.

Sociocultural Responsiveness

Students will acquire and continue to use knowledge and skills for effective, respectful and positive interaction with the variety of the world's peoples, cultures, societies and traditions.

Aesthetic Responsiveness

Students will acquire and continue to use knowledge and skills for perceiving the elements of human feeling, their synthesis and their expression in artistic media. Students will shape their own affective response

through selected media including writing, drama, music and visual arts.

Christian Literacy and Life

Students will acquire knowledge of and appreciation for Christian faith, biblical and confessional principles, God's creation, God's redemption, Christian witness and humanitarian service.

Servant Leadership

Students will acquire and continue to use knowledge and skills to perceive the needs of others, stimulate a vision for positive response and collaborate within communities to achieve the desired result.

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 3,000 undergraduate and graduate students.

In February 1993 the Board of Regents of Christ College Irvine, responding to a decision by 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. This CUS, along with the two seminaries and 108 high schools and 986 elementary schools of LCMS, comprises the second largest church-related school system in the United States.

Concordia University includes the Schools of Arts and Sciences, Business and Professional Studies, Education, and Christ College.

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, Irvine is only two miles away. The temperate 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 newest of the LCMS universities.

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

Concordia University Library contains a collection of 80,000 print volumes, more than 5,500 online volumes through NetLibrary eBooks, 25,000 electronic and print

journals and access to the holdings of 9,000 academic and public institutions through WorldCat interlibrary loan (ILL). The book collection is strong in religion and theology with an emphasis on Reformation studies. The library also offers extensive collections in a wide range of academic disciplines, and supports and enhances the students' classroom learning.

The library provides access to an outstanding selection of research databases including Academic Search Premier, CINAHL, and ATLA religion databases with ATLASerials, Business Source Elite, Newspaper Source, JSTOR, LexisNexis, Education Research Complete, Oxford English Dictionary and WorldCat.

The library building is open 70+ hours per week. The electronic catalog, online book collection and research databases are available 24 hours a day (www.cui.edu/library). Research computers, wireless internet access and conference rooms for group study or tutoring are also available. There are individual CD-listening and video-viewing stations as well as a convenient printer/copier room.

Each semester the library offers a series of instructional workshops designed to introduce students and faculty to the wide array of electronic resources available through the library. Reference and research help is available on a walk-in basis, by phone, e-mail or scheduling an appointment with a librarian.

Accreditation

Concordia University is accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges, 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."

Core Curriculum

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 (8) Core courses over their first four (4) semesters at Concordia. Students entering as sophomores take four (4) Core courses, ordinarily over their first two (2) semesters. Students entering as juniors or seniors take two (2) 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.

Learning Outcomes

Systematic Inquiry

- Apply systematic thought to learning and life.

Close Reading

- Demonstrate the ability to interpret, summarize, and analyze texts from a variety of academic disciplines.

Clear Communication

- Demonstrate competency in written and oral communication.

Socio-cultural Responsiveness

- Demonstrate knowledge from multiple perspectives of and sensitivity to social and cultural diversity.

Aesthetic Responsiveness

- Develop aesthetic comprehension and sensitivity through engagement with the arts and broader human experience.

Health and Wellbeing

- Recognize and distinguish healthy behaviors in their lives.

Christian Literacy and Life

- Demonstrate knowledge of and appreciation for the Christian faith and life.

Servant Leadership

- Identify and practice meaningful ways to serve and lead others.

Bachelor's Degree Requirements

Learning Outcomes

Systematic Inquiry

- Apply systematic thought to learning and life

Close Reading

- Demonstrate the ability to interpret, summarize, and analyze texts from a variety of academic disciplines

Clear Communication

- Demonstrate competency in written and oral communication

Socio-cultural Responsiveness

- Demonstrate knowledge from multiple perspectives of and sensitivity to social and cultural diversity

Aesthetic Responsiveness

- Develop aesthetic comprehension and sensitivity through engagement with the arts and the broader human experience

Health and Wellbeing

- Recognize and distinguish healthy behaviors

Christian Literacy and Life

- Demonstrate knowledge of and appreciation for the Christian faith and life

Servant Leadership

- Identify and practice meaningful ways to serve and lead others

General Education Requirements (55-57 Units)

* Courses required for Liberal Studies Major

▲ Writing Across the Curriculum component included

+ If not taken under Global Perspective

Core Courses: 25 Units

Level I

Students entering with twenty-nine (29) or fewer transferred semester units take twenty-five (25) core units as follows:

Freshman Year

Truth, Goodness, and Beauty (6 Units)

CMTH 101: Nature of Mathematics ▲ 3

CPHI 101: Introduction to Philosophy ▲ 3

God and Life (7 Units)

CBIO 101: Integrated Biology ▲ 4

CTHL 101: Foundations of Christian Theology ▲ 3

Sophomore Year

Civilization to Reformation (6 Units)

CENG 201: World Literature to the Renaissance ▲ . 3

CHST 201: The West and the World ▲ 3

Colonialism to Globalism (6 Units)

CENG 202: World Literature from the Enlightenment ▲ 3

CHST 202: America and the World ▲ 3

Note: CMTH 101, CPHI 101, CBIO 101, CTHL 101, CENG 201, CHST 201, CENG 202, AND CHST 202 include Writing Across the Curriculum component.

Level II

Students entering with thirty to fifty-nine (30-59) transferred semester units take twelve (12) core units from the courses below:

Sophomore Transfer Core

Wise, Honorable, and Cultivated (6 Units)

CPHI 200: Introduction to Philosophical Inquiry ▲ ...3

CTHL 200: Introduction to Theological Thought ▲ ...3

Civilization to Reformation (6 Units)

CENG 201: World Literature to the Renaissance ▲ .3

CHST 201: The West and the World ▲3

OR

Colonialism to Globalism (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 thirteen (13) additional units or their equivalents as follows:

CBIO 101: Integrated Biology4

CMTH 101: Nature of Mathematics3

CEng/CHst pair not taken above6

Note: CPHI 201, CTHL 200, CENG201, CHST 201, CENG 202, AND CHST 202 include Writing Across the Curriculum component.

Level III

Students entering with sixty (60) or more transferred semester units take the following six (6) core units

Junior/Senior Transfer Core

Wise, Honorable, and Cultivated (6 Units)

CPHI 200: Introduction to Philosophical Inquiry3

CTHL 200: Introduction to Theological Thought3

Students in this category also transfer in or take nineteen (19) additional units or their equivalents as follows:

CBIO 101: Integrated Biology4

CMTH 101: Nature of Mathematics3

CENG 201: World Literature to the Renaissance3

CENG 202: World Literature from the Enlightenment ...3

CHST 201: The West and the World3

CHST 202: America and the World3

Distribution Courses: (30-32 Units)

1. Interdisciplinary (2 Units)

INT 100: Freshman Seminar2

Note: Only required for students entering the university as first-term freshmen.

2. Theology (6 Units)

THL 201: History/Literature of the Old Testament ... 3

THL 202: History/Literature of the New Testament . 3

3. Exercise and Sport Science (3-4 Units)

ESS 101: Education for Healthful Living 2

ESS ____: Select two (2) different [0.5 or 1 unit]

activity courses 1-2

ESS 101 required for Liberal Studies Major.

4. Communication (3 Units)

Select one (1) of the following courses:

COM 211: Introduction to Argumentation/Debate .. 3

COM 111: Public Speaking 3

5. Performing and Visual Arts (3 Units)

Select one (1) of the following courses:

ART 111: Experiences in Art 3

ART 200: Elements of Art 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 one (1) of the following courses:

- Foreign Language (four [4] units at the second semester).

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 Thought2: The Enlightenment to Present 3

THL 321: World Religions 3

ANT 210: Cultural Anthropology* 3

7. Physical Science (4 Units)

Select one (1) of the following courses:

CHE 221: Chemistry 1 4

PHY 211: Physics 1 4

SCI 115: Physical Science: Introduction to Chemistry and Physics* 4

8. Social Science (3 Units)

Select one (1) of the following courses:

ANT 210: Cultural Anthropology..... 3

PSY 101: Introduction to Psychology 3

SOC 101: Introduction to Sociology 3

Note: ANT 210 should be selected taken if not taken under Global Perspective. SOC 101 required for Liberal Studies Major.

9. Writing (3 Units)

Select one (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 hundred twenty-eight (128) units or the equivalent. Only four (4) units of physical education and/or applied music or ensemble, and four (4) units of practicum in any one (1) 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 (3) theology (THL) units at Concordia University during each year of residence until the general education curriculum theology requirement (nine [9] units) is met. Transfer students must complete a minimum of six (6) of the general education curriculum theology units, nine (9) units if the student's degree program requires more than four (4) 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 (1) year residence (the last thirty-two [32] semester units) as a student at Concordia. Furthermore, eighteen (18) of the last twenty-four (24) units completed must be taken at Concordia.
- G. Complete a minimum of fifty-one percent (51%) of the major and fifty percent (50%) of the minor (if applicable) at Concordia.

- H. Complete thirty-three (33) units in upper-division (300-400 numbered) courses, of which at least twenty-seven (27) are taken at Concordia.
- I. Demonstrate competency in a second language or successfully complete a full year of instruction in one (1) modern foreign or biblical language at the university level or have successfully completed ("C" average or better) two (2) years of foreign language instruction in the same foreign 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 twenty-four (24) semester units of university credit.
- K. File an Application for Graduation form with the Office of the Registrar 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 baccalaureate bachelor's degree have the option of completing the associate in arts (A.A.) degree once they have demonstrated language competence and have met the other requirements for entrance to Concordia University. To receive an A.A. degree, the student must complete an academic minor and A.A. general education requirements.

The A.A. program requires students to complete at least thirty (30) units of general education and enough units in a minor and electives for a total minimum of sixty-four (64) units.

Applicants for the A.A. degree of Associate in Arts for International Students must also meet the following requirements:

1. Complete three (3) theology units each year of residence until the six (6)-unit theology requirement is met.
2. Complete a minimum of two (2) academic semesters in the associate's degree program (at

least twenty-four [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 the Schools of Arts and Sciences, Business and Professional Studies, Christ College, and Education can be found in the Academic Programs section of the catalog. The Teacher Credential Program Handbook and Master's Degree Programs are 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, however, 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 thirteen (13) academic units. Any student whose GPA has fallen below 2.0 for two (2) 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 be granted by the appeal board only. Each student is allowed one academic appeal.

Assessment Program

Student development is the focus of Concordia's mission. Therefore, achievement of the academic targets and goals 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 Systematic Inquiry, Clear Communication, Health and Well-being, Sociocultural Responsiveness, Aesthetic Responsiveness, Christian Literacy and Life, and Servant Leadership. 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

Every student is expected to attend all regularly scheduled classes. Absences for participation in university activities should be cleared with the instructor in advance and appropriate work completed. Each instructor determines his/her own attendance policy for the course.

Concurrent Registration

Students who wish to broaden their coursework beyond the courses offered at Concordia University 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 and

obtaining permission. 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 (9) 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 has paid. Application forms and additional information may be obtained in the Office of the Registrar.

Add-Drop-Changes: Non-Core Curriculum

A course may be added during the first (1st) week of the semester without instructor approval. During the second (2nd) week of the semester, a course may be added with instructor approval for full-semester courses.

A course may be dropped during the first two (2) weeks of a semester without being recorded on the permanent record. A student who does not attend the first (1st) day of class may be dropped at the prerogative of the instructor. This is done only for impacted courses (closed courses with students waiting to add the course).

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

A course may be dropped from week three (3) through eleven (11) with a grade of "W" with the approval of the instructor or dean/department chair. Students may not withdraw from individual courses after week eleven (11). Only students withdrawing from the university will be granted withdrawal status.

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 may be added and/or changed during the first two (2) weeks of the semester with consent of the academic advisor.

A Core course may not be dropped. Full-time students are required to enroll in one (1) pair of Core courses each semester 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 (1) of two (2) 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.

In accord with the academic virtues of responsibility, merit, and integrity, under normal circumstances 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 twelve (12) units each semester. However, an average of sixteen (16) units per semester is required to reach 128 units within eight (8) semesters (four [4] years).

Only students with a cumulative grade point average (GPA) of 3.0 or higher may register for more than eighteen (18) units in one semester. No student may receive credit for more than twenty-one (21) units in a semester, including units from regular courses taken on campus, courses taken off campus, individualized study courses and correspondence courses. Students who wish to take more than eighteen (18) units must file an application for overload with the Office of the Registrar prior to enrolling in the additional units each semester. Students taking more than eighteen (18) units per semester at Concordia University Irvine will be assessed an overload fee in most cases. Contact student accounts for more details.

Undergraduate students are required to register each year for the following academic year. Registration generally takes place during April for the following

academic year. Registration reserves classes 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 deadline. The deadline dates are published in the university's academic calendar and are available through the Office of the Registrar.

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 twelve (12) units to be considered for recognition.

Grading System

The grade point average (GPA) at Concordia University is computed on a four (4)-point scale and determined on the basis of the scale below. Specific grading requirements for each course will vary greatly and the letter grades cannot be defined here other than in a general manner.

A	Excellent	4.0 grade points
A-		3.7 grade points
B+		3.3 grade points
B	Good	3.0 grade points

B-		2.7 grade points
C+		2.3 grade points
C	Satisfactory	2.0 grade points
C-		1.7 grade points
D+		1.3 grade points
D	Barely Passing	
D-		0.7 grade points
	Failure	0.0 grade points

Au Audit

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

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 (7) 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 (7) weeks from the beginning of the fall semester with the same stipulation. Failure to remove an incomplete will result in the automatic change to the alternate grade given at the same time as the incomplete. Students with incomplete grades are subject to academic probation and academic dismissal based on the default grade.

I Incomplete

Assigned when an educational experience (e.g., student teaching, practicum or internship) is designed to

IP In Progress

extend beyond a single grading period. Students have one (1) calendar year to complete the requirements for the course. The calendar year begins on the first day of the beginning of the semester the student enrolled in the course. The “IP” grade will default to the grade of “F” after the one (1)-year period.

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, ThI 390, EDU 400, all labs). A complete list of these courses may be obtained from the Office of the Registrar.

Withdrawal Assigned when a student officially withdraws from a class after census date and through week eleven (11). NOTE: Students are not permitted to withdraw from classes after week eleven (11).

P Passing

W Withdrawal

It is the student’s responsibility to bring any error in grades to the attention of the instructor within one (1) 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.

Honors at Graduation

The following honors are awarded to qualified recipients of the bachelor’s degree at the annual commencement ceremony. 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 the graduation

ceremony is based on GPA and credits completed through the fall 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

Dr. Susan Bachman, Director

The university offers a general education and electives Honors Program for students meeting the honors admission requirements. Admission to the program for freshman 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 transfers may be granted by petition to the Honors Program Director and with appropriate faculty recommendations.

Concordia’s 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 for honors credit, and some are 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 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, a student 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 (4-6) honors courses; Honors Scholars will successfully complete seven or more (7+). 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 Honors 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 (2) categories of individualized study.

- SUPERVISED STUDY is a course in the General Catalog that is not offered at the time a student needs to take it.
- HONORS COURSE is 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 (2) 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 eighteen (18) units. No more than five (5) courses or twenty (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 at Concordia University by completing the required units. However, the following rules apply with regard to major/minor relationships and multiple majors and emphases.

1. Each major must contain a minimum of twenty-eight (28) units unique to that major.

2. Each minor may contain no more than nine (9) units or three (3) courses that are included in the student's major or in another minor.
3. To obtain more than one (1) emphasis in any given major, each emphasis must have a minimum of nine (9) 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 also earn a bachelor's degree from Concordia University if they fulfill the following requirements:

1. They complete a minimum of thirty-two (32) units in residence at Concordia University Irvine.
2. They complete all Concordia University general education graduation requirements.
3. They complete all the courses for a major, including a minimum of fifty percent (40%) 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 experiences may enroll for one (1) or two (2) 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 (6) 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 the official educational records, files, documents and other materials which contain information directly related to him/her, 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 his/her official educational records should contact the Office of the Registrar to determine procedures for such review. Any student desiring to challenge the content of his/her 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 his/her 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

Dr. Cheryl Williams, VP, Dean of International and Cultural Relations

Dr. Dan Waite, Executive Director, Global Programs

Ms. Faith McKinney, Director, Global Programs

Concordia University has international exchange student programs with École Supérieure Libre des Sciences Commerciales Appliquées (ESLSCA) in Paris, France; University of Ghana in Accra, Ghana; Università Cattolica del Sacro Cuore (USCS) in Milan, Italy; and Hannam University in Daejeon, Korea; University of Salzburg in Austria; and Curtin University in Perth, Australia.

Other study abroad options include the Around-the-World Semester™, the Christ College Westfield House Semester, the Oxford Study Abroad Semester, May-term faculty-led programs (offerings vary each year), and a range of recommended third-party programs. Students interested in study abroad should visit the Office of Global Programs and schedule a consultation with a study abroad advisor.

The university encourages study abroad by providing information to students about a variety of study abroad programs and through its disbursement of non-university financial aid to organizations sponsoring study abroad. Pre-approval of all course work and all programs must be made with the provost. Application forms and additional information may be obtained in the Office of Global Programs. Students who have their application approved will be assessed a \$100 administrative fee.

Study abroad programs may have different academic and financial requirements (i.e., additional expenses may be incurred for travel, tuition, meals, housing, etc.). For information regarding requirements for the International Studies Major see the School of Arts and Sciences, Division of History.

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 is charged for transcripts and must be paid in advance. 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 property of Concordia and will not be returned to students or forwarded to other institutions.

Withdrawal from School

Undergraduate students who will no longer continue their enrollment at Concordia University must withdraw formally 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." Please contact Student Accounts to learn about the refund policy and Financial Aid regarding your 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.

Admission Information

Admission Criteria

Concordia University admits students of any race, color, national and ethnic origin to all rights, privileges, programs and activities generally accorded or made available to students at the school. It does not discriminate on the basis of sex, race, color, disability, national and ethnic origin in administration of its educational policies, admission policies, scholarship and

loan programs, athletic and other school-administered programs.

Concordia University stresses sound scholarship, yet realizes that academic achievement is not the sole end in life. It stresses social interaction in its community, yet realizes that individual worth is not always capable of expression in group-oriented terms. Therefore, each applicant will be given careful individual consideration and no one criterion can be identified in advance as the most crucial single factor. Thus, the following admission criteria are flexible guidelines used by the admission committee for the benefit of the student to measure and determine the potential for successful completion of a university education. Factors evaluated in the decision include: academic preparation, scholastic aptitude, recommendations, character, motivation, leadership potential and the ability to benefit from and contribute to the goals and mission of Concordia University. The university reserves the right to deny admission to any applicant. Space limitations may also affect the total number of applicants admitted in a given year.

Furthermore, general admission to the university does not constitute admission to a program of study. Each program has its own admission requirements. Consult the respective program director for specific requirements. (Note: Students desiring admission to a post baccalaureate or graduate program should consult the graduate degree information available at www.cui.edu/academicprograms/graduate.)

Basic Requirements for General Admission

Concordia University welcomes applications from students who have demonstrated ability to succeed in college level work. Criteria for selection include the following:

Academic Preparation. All applicants must be high school graduates or have completed the equivalent of the high school level of education. Concordia University accepts some students who have received equivalency certificates or diplomas through the General Educational Development Test (GED) or the California High School Proficiency Exam (CPE).

Applicants for regular admission status must have successfully completed the following high school courses:

English:	4 years
Mathematics:	3 years including algebra 1, algebra 2 and geometry
Science:	3 years including at least two years of laboratory science that includes at least two (2) of the following: biology, physics, chemistry
Social Science:	2 years
Foreign Language:	2 years recommended

Scholastic Aptitude. Entrance eligibility is determined by academic, not cumulative, grade point average (GPA) together with SAT (Scholastic Aptitude Test) or ACT (American College Testing) scores and class rank. Other tests may be specified by the university testing program.

Credit By Examination. Credit by examination at Concordia is available only through AP (Advanced Placement), CLEP (College Level Examination Program), DSSTS (DANTES Subject Standardized Tests) or International Baccalaureate examinations. Concordia's standards for granting credit for these tests are available from the Office of the academic advising. Students are responsible for providing the registrar with the official AP, CLEP, DSSTS and/or International Baccalaureate examination scores.

Physical and Mental Health. As a part of the application procedure, each applicant must provide the admission committee with a medical history that gives evidence of a level of physical and mental health commensurate with the demands of a college education and apartment living.

Ordinary means are available on campus to enable those who have moderate physical impairments to fulfill their academic and personal requirements for a degree. If an applicant needs additional assistance beyond what the university is able to offer and can obtain it through his/her own means, regular admission may still be granted.

Other Factors. Other factors considered in evaluating applications include character, motivation and

extracurricular activities in school, in the church and in the community, particularly those involving leadership roles. The university reserves the right to deny admission to any applicant.

Falsification Of Admission Documents. Any student who enters the university using false information or by omitting required information is subject to penalty, including immediate dismissal without refund.

Admission Status

Regular Admission. Applicants who have fulfilled all of the basic criteria as previously described.

Commitment to Success/Close Advisement Admission. Freshmen applicants who have not met basic academic criteria for admission but who have met all other criteria and are determined to have the ability to attain the required academic standards. Twelve (12) to fifteen (15) academic units are recommended. Fifteen (15) students will be enrolled into this program per year.

Admission Classifications

First-Time Freshman Student. The first-time freshman student is an applicant who enters with fewer than thirty (30) semester or forty-five (45) quarter units of transferable college credit following high school graduation.

Entering freshmen may submit an application any time after completion of the junior year of high school. Applications are evaluated on a rolling basis. The following must be submitted to the Admission Office to complete an application as a first-time freshman student:

1. Concordia University application form which is available from the Admission Office or online at www.cui.edu.
2. The most recent official high school transcript and evidence of graduation must also be presented when high school work is completed.
3. Official Scholastic Aptitude Test (SAT) (preferred) or American College Test (ACT) score should be sent to the Admission Office. The university's code numbers for the tests are: SAT – 4069; ACT – 0227.

Transfer Student. The transfer student is an applicant who transfers from a community, state or private college with thirty (30) or more semester or forty-five (45) or more quarter units completed at an accredited college or university.

The requirements expected of a transfer student:

1. Concordia University application form. The form is available from the Admission Office or online at www.cui.edu.
2. Official final high school transcript.
3. Official transcripts from all institutions attended which the student plans to transfer units.

Transcript evaluations are made to determine the equivalency of transferred courses. Equivalent credit from institutions on the quarter calendar is determined at a ratio of one and one-half (1.5) quarter units to one semester unit.

Concordia accepts both the Intersegmental General Education Transfer Curriculum (IGETC) and the California State University (CSU) General Education Breadth Requirements to fulfill most of the university's general education requirements. Upon verification of certification, general education requirements are waived. Please refer to Admission Criteria for more detailed information. Official IGETC or CSU certifications must be submitted upon completion of all certification courses. A total of ninety-six (96) semester units are allowed for transfer, of which a maximum of seventy (70) semester units may be transferred from an accredited community college. Concordia will accept up to six (6) semester units of course work graded "D" completed prior to transferring. These "D" graded courses may apply only towards general education or elective credit and may not be applied towards a major or minor or fulfillment of program requirements for graduation from Concordia.

All transferring students who have completed significantly more than three (3) years of college work are advised that Concordia University requires one (1) year of academic residence of at least thirty-two (32) semester units. Students with more than three (3) years of academic work should realize that the usual period spent in working toward the bachelor's degree may be lengthened.

Transfer students seeking to earn a California teaching credential within their bachelor's degree program should consult with an academic advisor regarding requirements.

Homeschooled Student. The admission process is similar to that of students entering from a traditional high school background. Concordia requires an official high school transcript at the time of application and

evidence of graduation must also be presented when high school work is completed. A stronger emphasis on the student's SAT or ACT scores is considered through the evaluation process. A reference letter must come from someone outside the student's family who is familiar with the student's academic performance.

Readmitted Student. A readmitted student is one who has previously attended Concordia University, but withdrew or transferred to another institution and now desires to re-enroll. All students who are applying for readmission must go through the admission process and should contact the Admission Office for an application for readmission.

The specific categories and requirements are:

1. **Readmission following disqualification:** the student must show evidence indicating that the deficiency which led to disqualification has been removed.
2. **Readmission following a leave of absence:** the student must show that the situation necessitating the leave of absence has been resolved.
3. **Readmission following graduation from Concordia University:**
application is as follows:
 1. For an additional undergraduate major, see Undergraduate Admission.
 2. To enroll in a fifth year or graduate program, see Graduate Admission.

Students must submit official transcripts from all institutions attended during the absence from Concordia. All readmission applications are reviewed by the Admission Office. Just as new students must make a tuition deposit and academic advising appointment, the same is required of readmitted students. Readmission to the university is not guaranteed.

International Student. An international student (undergraduate or graduate) is one who does not hold United States citizenship or lawful permanent residency. International students must fulfill the following special international student admission criteria in addition to the previous stated requirements:

1. Requirements as listed on Admission Criteria for all bachelor's degree students including, but not limited to, an official translated transcript proving evidence of academic achievement that is equivalent to graduation from an American high school; letter of recommendation; and appropriate SAT or ACT score.

2. Knowledge of English as measured by TOEFL (Test of English as a Foreign Language) or comparable instrument. Minimum TOEFL score is 550 paper-based, 213 computer-based or 79 Internet based; or successful completion of an English language school program from a list of approved providers.
3. Evidence of financial arrangements to meet educational costs for the designated period.
4. Evidence of a valid passport.
5. Eligibility for an F-1 Student Visa.
6. International student transfer form (transfers only).
7. Final approval must be secured from the executive director of admission.
8. International students, both undergraduate and graduate, will be required to purchase Concordia University's-sponsored health insurance plan.

Necessary forms for the previous items will be supplied by the Admission Office upon request.

Assistance with obtaining an F-1 visa or maintaining F-1 visa status is available through the Office of Global Programs. International students are tracked through the Principal Designated School Official (PDSO) in the Office of Global Programs.

F-1 visa students are not eligible to be part-time students. International transfer students must submit an in-status form signed by the Designated School Official (DSO) at their current school. In addition, students must have maintained F-1 visa status since last entry into the United States. International students are required to attend legal orientation upon arrival at Concordia. They are also required to report to the DSO at Concordia University within fifteen (15) days of arrival in this country.

Annual Readmission

Full-time undergraduate students at Concordia University who have been accepted through normal admission procedures are required to participate in an on-going evaluation procedure to monitor academic growth, conduct and extracurricular growth. The decision for annual readmission is made at the end of the spring term, while academic disqualification and suspension may occur during any semester.

After examination by the enrollment management committee, the student's status may be:

1. readmission.
2. denial of annual readmission because of:

1. academic disqualification.
2. unsatisfactory personal development.

Students may appeal to the president, whose action is final. A tuition deposit is required for annual readmission. For more information regarding annual readmission, refer to the Concordia University Student Handbook.

Categories of Students

Students will be classified in the following way:

1. Degree and/or certificate-seeking students. These are students who are seeking a degree, certificate or credential at Concordia on either a full-time or part-time basis, including undergraduate, graduate, fifth-year or colloquy. These students must apply for and be accepted to Concordia through the Admission Office.
2. Non-degree students. These are students attending Concordia on a part-time basis who are not working toward a degree, certificate or credential from Concordia. These students must complete an application for non-degree course work through the Registrar's Office before registering for classes. Before credit for these courses can be applied toward a degree, certificate or credential, these students must complete the application process through the Admission Office.

Undergraduate Academic Calendar 2012-2013

FALL SEMESTER 2012

August

- 14 Faculty Workshops
- 15-16 Faculty Retreat
- 17 Residence halls open for NEW students
- 17-20 Clearance and orientation for NEW students
- 19 Residence halls open for RETURNING students
- 19-20 Clearance for RETURNING students
- 20 Instruction begins (for classes meeting at 4:00 p.m. or later)
- 21 All other classes begin
- 21 Opening service (10:30 am – CU Center)
- 24 Last day to ADD an undergraduate class without instructor approval
- 31 Last day to ADD an undergraduate class with instructor approval
- 31 Last day to DROP an undergraduate class without record of enrollment

September

- 3 Labor Day (no classes; offices closed)
- 4 Census Date
- 28 Deadline to apply for Fall 2012 undergraduate graduation

October

- 1 Advising appointments begin (thru November 9)
- 11-12 Mid-semester break for undergraduate classes (no classes)

November

- 9 Last day to WITHDRAW from an undergraduate class with a “W”
- 12-16 Spring 2013 priority registration
- 19-23 Thanksgiving break for undergraduate classes (no classes)
- 22-23 Thanksgiving holiday (no classes; offices closed)

December

- 7 First deadline to apply for Spring 2013 graduation
- 10-14 Final exams

- 15 Semester break begins (thru January 4, 2013)
- 18 Semester grades due in Banner Web (End of Fall 2012 Semester)
- 24-31 Christmas break (offices closed)

SPRING SEMESTER 2013

January

- 1 New Year break (offices closed)
- 5 Clearance and orientation for NEW students
- 7 Instruction begins
- 11 Last day to ADD an undergraduate class without instructor approval
- 18 Last day to ADD an undergraduate class with instructor approval
- 18 Last day to DROP an undergraduate class without record of enrollment
- 21 Martin Luther King Day (no classes; offices closed)
- 22 Census Date

February

- 13 Ash Wednesday special chapel service
- 25-28 Mid-semester break for undergraduate classes (no classes thru March 1)

March

- 4 Undergraduate classes resume
- 4 Advising appointments begin (thru April 12)
- 28 Easter break begins (thru April 1)
- 29 Easter holiday (offices closed)

April

- 1 Easter holiday (offices closed)*
*Monday classes after 4:00 p.m. meet
- 5 Last day to WITHDRAW from a class with a “W”
- 15-19 Priority registration for Fall 2013
- 29 Final exams (through May 3)

May

- 3 Deadline to apply for Summer 2013 undergraduate graduation
- 4 Commencement activities
- 7 Semester grades due in Banner Web (End of Spring 2013 Semester)

INTENSIVE COURSES 2013

BUS 399	Negotiation Professor Marc Fawaz	4 Units
ENG 391	Children's Literature of the United Kingdom Professor Rebecca Stanton	3 Units
HST 399	Great Cities: "From Braveheart to Burns" Scotland as Caricature or Culture Professor Daniel van Voorhis	3 Units
MGT 324	Global Enterprise: China Professor Roger Philips	3 Units
SCI 399	Medical Imaging Physics Professor John Kenney	4 Units
THL 399	The Church and the Third Reich Professor David Loy	3 Units

Tuition

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

Students staying on campus during times that do not fall within Fall and/or Spring semesters will have to pay \$30/night.

	Summer '12	Fall '12/ Spring '13		Summer '12	Fall '12/ Spring '13
Bachelor's Degree					
• Application Fee (non-refundable)	\$50	\$50			
• International Application Processing Fee	\$50	\$50			
• Tuition (\$500 deposit required)		\$13,950/semester			
• Student Service Fee		\$300/semester			
• Part-time Tuition	\$245/unit	\$870/unit			
• May Term	\$360/unit				
• Adult Degree Programs:					
o Continuing Students	\$490/unit	\$490/unit			
o New Students	\$505/unit				
• <u>Online</u> BA courses (per unit)	\$245/unit	\$245/unit			
• Nursing:					
o Accelerated Second Degree (ABSN)	\$575/unit	\$575/unit			
o RN to BS	\$460/unit	\$460/unit			
o Lab Fee	\$80	\$360			
o Skills Lab Fees		\$210			
o Assessment Technologies Institute Fee		\$430			
o Student Service Fee (ABSN only)		\$100/semester			
• Applied Music		\$530/unit			
• Student Teaching I Fee:					
o (TPA Practicum-SB 2042 Program)		\$210/unit			
• Student Teaching II Fee:					
o (SB 2042 Program)		\$310/unit			
• Audit Tuition		\$380/unit			
• Graduation Fee		\$130			
• Study Tour Courses	\$360/unit				
Housing (Dormitory)					
• Quads (fall/spring semesters ONLY)		\$2700/semester			
• Sigma/Rho (fall/spring semesters ONLY)		\$2500/semester			
• Reservation Fee (non-refundable)		\$300			
• Summer Housing	\$35/night or \$220/week				
Meal Plan					
• 5 meals/week					\$1100/semester
• 10 meals/week					\$1680/semester
• 14 meals/week					\$1825/semester
• 19 meals/week					\$1880/semester
• 75 meals	\$725				
• 100 meals	\$790				
• 125 meals	\$830				
Graduate, Fifth-year, Credential Students					
• DCE/Internship (flat rate)					\$5840
• Credential:					
o Single/Multiple Subject/EDSP	\$515/unit				\$515/unit
• Master of Education (MEd):					
o Single/Multiple Subject/EDSP	\$515/unit				\$515/unit
• Student Teaching I Fee:					
o (TPA Practicum-SB 2042 Program)					\$210
• Student Teaching II Fee:					
o (SB 2042 Program)					\$310
• MA in Business Administration	\$715/unit				\$715/unit
• MA in Coaching/Athletic Admin. (MCAA)	\$440/unit				\$440/unit
• MA in Education (online program)	\$440/unit				\$440/unit
• MA in Education (regional cohorts)	\$1,320/class				\$1,320/class
• MA in International Studies (MAIS):	\$590/unit				\$590/unit
o Virtual Private Network (VPN) Fee	\$150				
• MA in Theology	\$570/unit				\$570/unit
• Cross-Cultural Ministry Center	\$570				\$570
Application Fee (non-refundable)	\$50				\$50
• International Application Processing Fee					\$50

	Summer '12	Fall '12/ Spring '13
• Housing (dormitory)	Same as for Bachelor's Degree	
• Housing Security Deposit	\$300	\$300
• Graduation Fee	\$130	\$130

PAYMENT OF TUITION AND FEES. All tuition and fees are due and payable as stated on the bill for each semester. Tuition and fees may be paid at the Bursar's Office located on the first floor of Grimm Hall North (103/104) or online at www.cui.edu/onlinepayments. Failure to pay fees by the established deadlines may cause the student to be dropped from ALL classes.

FINANCIAL HOLDS ON UNPAID BALANCES AND REGISTRATION. Students who are past due in any debt to the university will have a financial hold on their account. They are not permitted to register in any school or college of the university until the hold is released. A financial hold precludes students from receiving university services including the following: 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 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 to collections, 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.

Bursar

Payment of Tuition and Fees

All tuition and fees are due and payable as stated on the bill for each semester. Tuition and fees may be paid at the Bursar's Office located on the first floor of Grimm Hall North (Rooms 103/104) or online . Failure to pay

fees by the established deadline may cause the student to be dropped from ALL classes.

Financial Holds on Unpaid Balances and Registration

A student who is past due in any debt to the university will have a bursar hold on his/her 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, transcripts, 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 over 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 fees and costs.

Refund Policy

Cancellation of Enrollment. A student may terminate enrollment prior to the beginning of the semester by mailing such notice by CERTIFIED MAIL. The effective date of cancellation is the date postmarked.

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

Three-day Refund Period. An enrollee may cancel enrollment within three (3) working days following registration and receive a refund of all monies paid except the tuition deposit, provided no classes have been attended.

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. For further information, contact the Bursar's Office.

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 the Concordia University 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 fourteen (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

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 sixty percent (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.**

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 Financial Aid Office) 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 college'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

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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.**

Student Life at Concordia University

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.

Disability and Learning Resource Center. 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 (DLRC) 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 fourteen (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. Most unmarried students twenty-two (22) 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 (2)-bedroom apartment that will accommodate four (4) or possibly five (5) 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 Services

The developmental needs of students are among the highest priorities of the university. Although students are free to seek guidance or counseling from any faculty member, the university provides several avenues to meet the total needs of the 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 clearance by August 1 for the fall semester and by December 1 for the spring semester in order to obtain final clearance and receive services.

Services:

- **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. The Health Center does not bill the health insurance carrier, so a co-pay is not 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. In those cases a fee is assessed.
- **Nurse Practitioner consultation on health topics**

- **Referral to community resources as needed**

Health Insurance

Concordia University has a continuing partnership with Kaiser Permanente. The nurse practitioners at the Wellness Center are fully credentialed affiliates of the Kaiser Permanente Medical Group. 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 the website.

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 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 two. 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 Campus Safety's website or contact Campus Safety by email at campussafety@cui.edu.

Student Identification Cards

Concordia student identification (ID) cards are available at the 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. 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.

Majors and Minors

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

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

Single Subject Majors

Art	History and Political Thought
Christian Education Leadership	Mathematics
Communication Studies	Psychology
English	Theatre
Graphic Design	Theology

Broad Field Majors

Athletic Training (Bachelor of Science)	Exercise and Sport Science
Behavioral Sciences	Humanities and Fine Arts
Biblical Languages	International Studies
Biology	Liberal Studies
(Bachelor of Arts and Bachelor of Science)	(Elementary Education Students)
Business Administration	Music
Chemistry	Theological Studies
Economics	

Minors

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

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:

School of Arts and Sciences

Undergraduate Programs

Athletic Training

Pre-Engineering (non-degree)

Pre-Law

Medical Science Professions

- Pre-Medical Science
- Pre-Physical Therapy

Graduate Programs

Master of Arts in Coaching and Athletic Administration

- Pre-Deaconess Studies
- Pre-Seminary Studies

Graduate Programs

- Cross-Cultural Ministry Center (LCMS Pastoral Ministry Certification)
- Master of Arts in Theology
- Christian Leadership
- Theology and Culture
- Research in Theology

School of Business and Professional Studies

Undergraduate Programs

Adult Degree

Bachelor of Arts in Applied Liberal Arts

Bachelor of Arts in Business Administration

- Healthcare Management
- 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

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
- Multiple Subject; Single Subject; Special Education
- Credential and Master of Education Program (M.Ed.)
- Master of Arts in Education: Curriculum and Instruction (M.A.Ed.)
- Master of Arts in Education: Administration (M.A.Ed.)
- Preliminary Administrative Services Credential
- Master of Arts in Education: School Counseling (M.A.Ed.)
- Pupil Personnel Services Credential

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

Information Directory

Academic Advising -----	Ms. Jennifer Meyer '95 Ms. Kristen Wynn Ms. Lisa Dore
Associate Dean, Academic Support Services -----	Prof. Dian Vieselmeyer
Associate Dean, Student Transition and Engagement	
Associate VP, Marketing/Admissions -----	Mr. Richard Hardy
Bursar -----	Mr. Edgar Lopez '07, MBA '09
Campus Pastor -----	Rev. Quinton Anderson '00
Cross Cultural Ministry Center -----	Rev. Mark Siegert, MAEd '94, MTh '11 Rev. Glenn Fluegge
Dean of Students -----	Dr. Gilbert Fugitt
Director, Adult Degree Programs -----	Prof. Paul Marquardt, TC '90
Director, Athletic Communications -----	Mr. Brian Gaul
Director, Intercollegiate Athletics -----	Prof. David Bireline
Director, Campus Safety -----	Mr. Steven Rodriguez '03
Director, Career Development Services -----	Ms. Victoria Jaffe
Director, Community Involvement / Leadership Develop -----	Ms. Christie Clark
Director, Counseling Services -----	Ms. Rebecca Kindreich '97
Director, Disability and Learning Resources -----	Ms. Terilyn Colacino '97
Director, Financial Aid -----	Ms. Lori McDonald
Director, First-Year Experience Programs / Initiatives -----	Ms. Kristy Fowler
Director, Health Services -----	Ms. Michelle Laabs
Director, Housing Services -----	Mr. Davis Garton '07
Director, Human Resources -----	Ms. Pam Clavir
Director, Information Technology Services -----	Mr. Chris Harris
Director, International Student Services / PDSO -----	Ms. Lonnie Lee
Director, Student Conduct (part-time) -----	Ms. Karyn Pace
Director, Library Services -----	Prof. Carolina Barton
Director, Ministry Formation -----	Prof. Robert Rossow '80, MA '01
Director, Residential Education -----	Mr. Scott Keith
Director, Undergraduate Admissions -----	Mr. Doug Wible
Director, University Services -----	Mr. Ross Kroenert
Director, Worship Arts -----	Mr. Jon Jordening
Director, Writing Center -----	Prof. Kristen Schmidt
Executive Director, Global Programs -----	Dr. Dan Waite
Founders Bookstore Manager -----	Ms. Cyndi Tully '96
Registrar/Dean of Academic Records -----	Prof. Ken Clavir '93, MEd '04
Residential Coordinator of Spiritual Life -----	Mr. Jonathan Ruehs '95
Students in Free Enterprise (SIFE) -----	Dr. Marc Fawaz '03

SCHOOL OF ARTS AND SCIENCES

Dean: Dr. Timothy Preuss

Assistant Dean: Dr. Susan Bachman

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 divisions and departments.

Division of Exercise and Sport Science

Interim Chair: Dr. Curt Cattau

The goal of the **Exercise and Sport Science Division** 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 the areas of athletic training, teacher education, exercise science, rehabilitation, wellness, coaching, and sport management.

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 through vocation

Faculty

David B. Bireline

Resident Faculty in ESS MEd
Seattle Pacific University, WA, 1987

Curt W. Cattau

Professor of ESS PhD
University of NM, Albuquerque, 2006

David Cowan

Resident Faculty in ESS MA
Azusa Pacific University, Azusa, CA, 1975

Rhonda M. Haag

Resident Faculty in ESS PhD Cand
Purdue University, West Lafayette, IN, 2010

James C. Kunau

Assistant Professor in MCAA MA
American Graduate School of International Management, Glendale, AZ, 1986

Timothy L. Preuss

Professor of ESS PhD
University of Nebraska, Lincoln, 2000

Jennifer L. Rizzo

Asst. Professor of ESS PhD Cand
United States Sports Academy, Daphne, AL, 2011

Belinda J. Sanchez

Resident Faculty in ESS MS
California Baptist University, Riverside, 2010

Kent A. Schlichtemeier

Professor in MCAA EdD
University of California, Los Angeles, 1996

Mary K. Scott

Professor of ESS EdD
Pepperdine University, Malibu, CA, 1996

Vance V. Tammen

Professor of ESS PhD
University of Illinois, Urbana, 1996

Thomas A. White

Resident Faculty in ESS MA
California State University, Fullerton, 1982

Majors

Athletic Training: Bachelor of Science Degree 64 Units

BIO 246: Human Anatomy and Physiology 1 4
BIO 247: Human Anatomy and Physiology 2 4

ESS 110: CPR/First Aid	1
ESS 304: Motor Learning and Control	3
ESS 306: Nutrition	3
ESS 308: Care and Prevention of Athletic Injuries	3
ESS 310: General Medicine and Pharmacology	3
ESS 320: Historical, Social, Cultural Foundations of Sport and P.E.	3
ESS 338: Beginning Clinical Coursework 1	1
ESS 339: Beginning Clinical Coursework 2	1
ESS 348: Recognizing and Evaluating Athletic Injuries 1	3
ESS 349: Recognizing and Evaluating Athletic Injuries 2	3
ESS 350: Sport Law	3
ESS 358: Therapeutic Exercise	3
ESS 365: Sport Psychology	3
ESS 368: Therapeutic Modalities	3
ESS 388: Intermediate Clinical Coursework 1	1
ESS 389: Intermediate Clinical Coursework	1
ESS 406: Physiology of Exercise	3
ESS 407: Kinesiology	3
ESS 408: Advanced Athletic Training	3
ESS 428: Athletic Training Administration	3
ESS 438: Advanced Clinical Coursework 1	1
ESS 439: Advanced Clinical Coursework 2	1
ESS 410: Measurement and Evaluation of Exercise	3

**Exercise and Sport Science:
Bachelor of Arts Degree
48- 50 Units**

Core: 30 Units

BIO 246: Human Anatomy and Physiology 1	4
BIO 247: Human Anatomy and Physiology 2	4
ESS 110: CPR/First Aid	1
ESS 304: Motor Learning and Control	3
ESS 320: Historical, Social, Cultural Foundations of Sport and P.E.	3
ESS 350: Sport Law	3
ESS 365: Sport Psychology	3
ESS 406: Physiology of Exercise	3
ESS 407: Kinesiology	3
ESS 410: Measurement and Evaluation of Exercise	3

Emphasis: 18-21 Units

Choose one (1) of the following:

Coaching (18 Units)

ESS 222: Organization and Management of Sport	3
ESS 225: Principles of Weight Training and Cross Training	3
ESS 306: Nutrition	3
ESS 308: Care and Prevention of Athletic Injuries	3

ESS 360: Principles of Coaching	3
ESS 394: Practicum: ESS Coaching	3

Exercise Science (18 Units)

ESS 222: Organization and Management of Sport	3
ESS 225: Principles of Weight Training and Cross Training	3
ESS 306: Nutrition	3
ESS 325: Advanced Personal Training	3
ESS 358: Therapeutic Exercise	3
ESS 393: Practicum: ESS Exercise Science	3

Rehabilitation (21 Units)

ESS 306: Nutrition	3
ESS 308: Care and Prevention of Athletic Injuries	3
ESS 310: General Medicine and Pharmacology	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

Teacher Education (18 Units)

ESS 303: Health	3
ESS 340: Elementary Physical Education	3
ESS 355: Individual Activities	3
ESS 357: Team Activities	3
ESS 370: Adaptive Physical Education	3
ESS 376: Physical Education Management	3

Minors

Coaching (18 Units)

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

Choose three (3) courses from the following: (9 units)

ESS 225: Principles of Weight Training and Cross Training	3
ESS 306: Nutrition	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 and P.E.	3
ESS 325: Advanced Personal Training	3

Choose two (2) courses from the following: (6 units)

ESS 222: Organization and Management of Sport	3
ESS 306: Nutrition	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	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 two (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

Professional Program

Athletic Training Education Program (ATEP)

Director: Prof. Jennifer Rizzo

Admission Criteria

The **Athletic Training Education Program (ATEP)** is designed to educate undergraduate students who are interested in pursuing a career in the field of athletic training. The mission is to provide a didactic and clinical education program that will prepare students for professional careers as Certified Athletic Trainers (ATC).

ATEP is a selective admissions program, which culminates in a bachelor's degree. After completing the observation period, the student will have the opportunity to apply to the program. Students are admitted to the program in April and will begin the program the following fall. The application date will be set by the director of athletic training.

Admission to ATEP is competitive and based on the following:

1. Application
2. Attendance during the observation phase

3. Grade point average during the observation phase
4. Skill acquisition during the observation phase
5. First Aid and CPR certification
6. Immunization Review
7. Personal interview
8. Staff evaluations
9. Technical Standards
10. Blood Borne Pathogen Training

The application form can be obtained from the director of athletic training and must be submitted with all materials by April 1 to the director's office.

For a student to remain in the program, the following criteria must be met:

1. Maintain a cumulative 2.75 grade point average in all coursework.
2. Attend all scheduled ATEP meetings.
3. Meet all clinical requirements.

Transfer Student Policy

Transfer students may apply and gain admission to the ATEP under the following conditions:

- Transfer students with previous experience in athletic training and a letter of recommendation from a certified athletic trainer (ATC) may be admitted to the ATEP if they can demonstrate the required basic skills and knowledge required for ESS 238 and 239 (Observational Clinical Coursework 1 and 2) for freshman. A placement exam will be administered for all transfer students to substitute the observational phase coursework.
- All prerequisite course work completed at another institution pertaining to Concordia University Irvine (CUI) ATEP must be reviewed and accepted by the ATEP director for equivalence to CUI courses, in addition to CUI admissions. Bio 101 or equivalent course must be completed before acceptance into program. A cumulative GPA of 2.75 or higher is necessary for acceptance.
- Transfer students must demonstrate they have met the educational competencies required in any course taken towards the field of Athletic Training by submitting the following to the ATEP director no later than July 31st:
 - official transcripts demonstrating completion of courses with grades of B- or better
 - catalog copy of course descriptions
 - contact information for faculty who taught each of the courses
 - ATEP application.

- Transfer students will be required to take an entrance exam to circumvent the Observation Period needed for all incoming students. Following successful completion, the transfer student will complete the course work and three (3) years of clinical experience.

Concordia's ATEP is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Technical Standards

The Athletic Training Education 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 ATEP to establish the abilities that an athletic trainer must have to practice safely. They are described by the National Athletic Trainer's Association to 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 Concordia University Disability and Learning Resource Center (DLRC).

STANDARDS

Observation:

The student must have the ability to use vision, hearing and somatic sensations. The student must be able to participate in lectures and laboratory demonstrations. The student must 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 health care and athletic communities, as well as individuals from different cultural, social and religious backgrounds. Students must be able to convey information effectively. 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** 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. The student must 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

A student must demonstrate the above skills and abilities, but may do so with or without reasonable accommodations. Concordia University will provide reasonable accommodations to students to enable them to meet these 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.

Division of Humanities

Chair: Dr. Kerri Tom

Communication Studies Department

Chair: Dr. Martin Schramm

Learning Outcomes

- 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

Faculty

Konrad W. Hack

Asst. Prof. of Communication MA
San Diego State University, CA, 1999

Patricia S. Ollry

Resident Faculty in Communication MA
University of California, Santa Barbara, 1982

Martin G. Schramm

Professor of Communication PhD
University of Southern California, Los Angeles, 1993

Ashlie J. Siefkes

Resident Faculty in Communication MA
California State University, Long Beach, 2009

Cheryl E. Williams

Professor of Communication PhD
Florida State University, Tallahassee, 1997

Major

Communication

43 Units

Core: (25 Units)

COM 200: Gateway to Communication	1
COM 216: Interpersonal Communication	3
COM 280: Theories of Human Communication	3
COM 311: Advanced Public Speaking	3
COM 321: Mass Communication	3
COM 324: Intercultural Communication	3
COM 340: Persuasion and Attitude Change	3
COM 485: Communication Criticism	3

COM 488: Communication Research Methods 3

Emphasis: (18 Units)

Choose one (1) of the following:

General Communication Studies

Choose six (6) of the following courses:

COM 211: Introduction to Argumentation and Debate	3
COM 222: Theory and Practice of Journalism	3
COM 328: Small Group Communication	3
COM 335: Nonverbal Communication	3
COM 344: Theory and Practice of Interviewing	3
COM 371: Introduction to Social Media	3
COM 412: Writing for the Broadcast Media	3
COM 422: Studies in Public Relations	3
COM 451: Organizational Communication	3
COM 471: Advanced Strategies in Social Media	3
THR 330: Performance Studies/Readers Theatre	3

Mass Communication

COM 222: Theory and Practice of Journalism	3
COM 344: Theory and Practice of Interviewing	3
COM 371: Introduction to Social Media	3
or COM 412: Writing for the Broadcast Media	
COM 422: Studies in Public Relations	3

Choose two (2) of the following courses:

NOTE: Com 371 and Com 412 are listed in the core requirements, choose the one (1) not being taken in the core.

COM 211: Introduction to Argumentation/Debate	3
COM 328: Small Group Communication	3
COM 335: Nonverbal Communication	3
COM 371: Introduction to Social Media	3
COM 412: Writing for the Broadcast Media	3
COM 451: Organizational Communication	3
COM 471: Advanced Strategies in Social Media	3
THR 330: Performance Studies/Readers Theatre	3

Minor

Communication

18 Units

COM 280: Theories of Human Communication	3
COM 311: Advanced Public Speaking	3
COM 321: Mass Communication	3

Choose three (3) of the following courses:

COM 211: Introduction to Argumentation/Debate	3
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COM 216: Interpersonal Communication	3
COM 222: Theory and Practice of Journalism	3
COM 324: Intercultural Communication	3
COM 328: Small Group Communication	3
COM 335: Nonverbal Communication	3
COM 340: Persuasion and Attitude Change	3
COM 344: Theory and Practice of Interviewing	3
COM 371: Introduction to Social Media	3
COM 412: Writing for the Broadcast Media	3
COM 422: Studies in Public Relations	3
COM 451: Organizational Communication	3
COM 471: Advanced Strategies in Social Media	3
COM 485: Communication Criticism	3
COM 488: Communication Research Methods	3

English Department

Chair: Dr. Kerri Tom

The **English 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.

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

Faculty

Susan O. Bachman	
Professor of Rhetoric	PhD
Florida State University, Tallahassee, 1996	
Katharine F. M. Borst	
Asst. Professor of English	MA
St. Louis University, MO, 1996	
Keith R. Garton	
Resident Faculty in English	MA
California State University, Long Beach, 2009	
Thea Gavin	
Professor of English	MFA

Spalding University, Louisville, KY, 2005	
Kurt J. Krueger	
Professor of English	PhD
Indiana University of Pennsylvania, 1996	
Adam R. Lee	
Asst. Professor of English	MA
University of St. Thomas, St. Paul, MN, 1994	
John J. Norton	
Asst. Professor of English	PhD
Sheffield Hallam University, UK, 2008	
Camelia Raghinaru	
Resident Faculty in English	PhD Cand
University of Florida, Gainesville, 2012	
Kristen A. Schmidt	
Professor of English	MFA
Chapman University, Orange, CA , 2007	

Majors

English 42 Units

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 two (2) of the following courses:

ENG 383: Modern and Contemporary Poetry	3
ENG 385: Modern Novel	3
ENG 387: Modern and Contemporary Drama	3
ENG 389: Film as Literature	3

Choose one (1) of the following courses:

ENG 441: Major American Writers	3
ENG 461: Major English Writers	3

Choose one (1) of the following courses:

ENG 380: Women's Literature	3
ENG 382: Postcolonial Literature	3

Humanities and Fine Arts 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.

Learning Outcomes

Clear Communication

- Articulate a sustained argument using standard English genres and conventions
- Use and incorporate a variety of research tools and methods

Understanding of Cultural Diversity

- Demonstrate familiarity with major religions, philosophies, and artistic movements of a variety of world cultures

Understanding of Cultural Unity

- Formulate connections among the cultures of the world

Understanding of Cultural Development in the Western World

- Recognize the hallmarks of the major eras of Western civilization

Cross-disciplinary Thinking

- 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	
COM 324: Intercultural Communication	3
CENG 201: World Literature to the Renaissance	3
HST 410: Mythology, Philosophy and Theology	3
HUM 495: Senior Project	1
MUS 451: Music Cultures of the World: Emerging Nations	3
or MUS 452: Music Cultures of the World: The Silk Road	
THL 321: World Religions	3
THR 251: Introduction to Theatre	3

Emphasis: 18 Units

Choose one (1) of the following:

Art

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

Communication

COM 216: Interpersonal Communication	3
COM 311: Advanced Public Speaking	3

Choose four (4) of the following courses:

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 four (4) of the following courses:

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
WRT 337: Writing for the Stage and Screen	3

History

HST 301: Eastern Civilization	3
HST 321: A History of Popular Culture	3
HST 371: Islamic Civilization	3

Choose three (3) non-duplicated courses from the following:

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

ENG 341: American Literature 1	3
ENG 342: American Literature 2	3
or ENG 362: English Literature 2	
ENG 361: English Literature 1	3
ENG 380: Women's Literature	3
or ENG 382: Postcolonial Literature	
or ENG 385: Modern Novel	
or ENG 387: Modern and Contemporary Drama	
ENG 441: Major American Writers	3
or ENG 461: Major English Writers	
ENG 466: Shakespeare	3
NOTE: Students with an emphasis in Literature may <u>not</u> minor in English.	

Music

MUS 201: Music Theory 1	3
MUS 202: Music Theory 2	3
MUS 211: Aural Skills 1	1
MUS 331: Music History: Antiquity to Bach	3
MUS 332: Music History: Classical Period to Modernity	3
MUS __: Upper Division Elective	3
MU __: Applied Music (200 or 300 Level)	2

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
or SPA 312: Survey of Spanish American Literature	
POL 304: International Relations	3
or SOC 316: Ethnic and Minority Relations	

Theatre

THR 261: Acting 1	3
THR 262: Acting 2	3
THR 311: Introduction to Technical Production	3
or THR 321: Introduction to Theatrical Design	3
THR 351: Play Direction 1	3
THR 441: Theatre and Culture 1	3
or THR 442: Theatre and Culture 2	3

Choose one (1) of the following courses (not duplicated above):

ENG 387: Modern and Contemporary Drama	3
ENG 466: Shakespeare	3
THR 441: Theatre and Culture 1	3
or THR 442: Theatre and Culture 2	3

Minors 18 Units

Creative Writing

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

Choose two (2) of the following courses:

WRT 327: Creative Writing: Fiction	3
WRT 328: Creative Writing: Poetry	3
WRT 329: Creative Nonfiction	3

Choose one (1) of the following courses:

WRT 324: Writing for Children and Teenagers	3
WRT 333: Topics in Literature and Creative Writing	3
WRT 337: Writing for the Stage and Screen	3

Choose one (1) of the following courses:

ENG 342: American Literature 2	3
ENG 383: Modern and Contemporary Poetry	3
ENG 385: Modern 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	
ENG 361: English Literature 1	3
or ENG 362: English Literature 2	
or ENG 382: Postcolonial Literature	
ENG 477: History and Development of the English Language	3
WRT 333: Topics in Literature and Creative Writing	3

Choose one (1) of the following courses (not taken above):

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 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

Global Cultural Studies

NOTE: 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 399: Service Learning Practicum	2
WRT 330: Travel Writing	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

History and Political Thought Department

Chair: Dr. Daniel van Voorhis

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, generally include the works particular to the course subject, and have rigorous reading and writing expectations. The graduate of Concordia University with one of these majors will not only have a mind well filled, but well trained.

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

Faculty

Clinton J. Armstrong

Asst. Professor of History PhD
University of California, Irvine, 2008

Jacqueline Y. Brown

Professor of History PhD
Claremont McKenna College, CA, 2007

Russell P. Dawn

Assistant Professor of History DPhil
University of Oxford, UK, 2011

Adam S. Francisco

Assoc. Professor of History DPhil
University of Oxford, UK, 2006

Daniel R. van Voorhis

Assoc. Professor of History PhD
University of St. Andrews, UK, 2007

Majors

History and Political Thought

38 Units

Core: (23 Units)

HST 332: Ancient Greece and Rome	3
HST 334: Medieval History	3
HST 336: The Renaissance and the Reformation	3
LAT 101: Fundamentals of Latin 1	4
LAT 102: Fundamentals of Latin 2	4
POL 321: Political Thought 1: Ancient to Early Modern	3
POL 322: Political Thought 2: The Enlightenment to Present	3

Note: Another foreign language other than LAT 101 and LAT 102 can be substituted with approval from the department chair and the dean of the school.

Choose one (1) of the following courses:

HST 371: Islamic Civilization	3
HST 431: Women's History	3
HST 478: History of California	3

Choose four (4) of the following courses:

HST 226: United States History	3
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 410: Mythology, Philosophy and Theology	3
HST 412: Origins of the American Political System	3
HST 416: Contemporary Global Issues	3
HST 491: Advanced Topics in Social History	3
HST 437: The Great Cities	3
HST 451: The Enlightenment	3
POL 304: International Relations	3
POL 312: Constitutional Law	3
POL 413: Religion and Politics in America	3
POL 490: Internship: Political Thought	1-8

International Studies

46-49 Units

ANT 241: Field Anthropology	3
COM 324: Intercultural Communication	3
HST 416: Contemporary Global Issues	3
POL 304: International Relations	3

Modern Foreign Language (7-10 units)

NOTE: Greek, Hebrew, and Latin may not be used to fulfill this requirement.

Study Abroad Courses (see note below) (12 units)

NOTE: Individual study abroad courses to be determined in association with selected study abroad program.

Fine Arts

Choose two (2) of the following courses:

ART 311: Art History 1	3
ART 312: Art History 2	3
CENG 201: World Literature to the Renaissance	3
or CENG 202: World Literature from the Enlightenment	
MUS 451: Music Cultures of the World: Emerging Nations	3
or MUS 452: Music Cultures of the World: The Silk Road	
THR 441: Theatre and Culture 1	3
THR 442: Theatre and Culture 2	3

History

Choose two (2) of the following courses:

HST 202: Western Civilization 2: 1500-present	3
HST 301: Eastern Civilization	3
HST 338: Modern European History	3
HST 371: Islamic Civilization	3
THL 321: World Religions	3

Note: HST 202, HST 301 or HST 371 cannot have been previously taken as a general education requirement.

Social Science

Choose one (1) of the following courses:

ANT 364: Culture and Self	3
ANT 435: Anthropology of Religion	3
POL 301: Political Theory	3

NOTE: Financial aid funds (other than loans and Pell/Cal Grants) are not available to fund the semester of study abroad that this major required. If the student chooses an institution not part of Concordia University's international exchange program, additional costs for tuition and fees for the alternate institution are the responsibility of the student. Additional expenses for travel, meals, housing, etc., may be incurred.

Minors

American Studies

18 Units

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

Choose two (2) of the following courses:

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

History

18 Units

Hst ____ Elective	3
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Choose one (1) of the following courses:

HST 226: United States History	3
HST 341: Early Modern England	3

Choose four (4) of the following courses:

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 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

Political Thought

18 Units

POL 304: International Relations	3
POL 312: Constitutional Law	3
POL 321: Political Thought 1: Ancient to Early Modern	3
POL 322: Political Thought 2: The Enlightenment to Present	3
POL 412: Origins of the American Political System 1763-1803	3
POL 413: Religion and Politics in America	3

Pre-Professional Program

Pre-Law Program

Director: Dr. Daniel van Voorhis

The **pre-law program** is designed to assist those students who have interests 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 their applicants have a bachelor's degree, but most do not specify a certain major, minor or program of study. These schools stress breadth of preparation rather than narrow focus on one or two areas of study and they strongly urge their 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 law school applicants are required to submit their LSAT scores when they apply. Most students take the test late in their junior year and apply and interview during their final undergraduate year.

Program Requirements

A. General Education: (54-55 Units)

Normally completed during the first two years of attendance.

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 LSAT toward the end of their junior year.

D. Additional Information:

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

Division of Mathematics and Natural Science

Chair, Dr. Bret Taylor

Faculty

Kenneth R. Clavir

Asst. Professor of Mathematics MAEd

Concordia University, Irvine, CA, 2004

Glenn A. Crosby

Visiting Prof. of Chem./Chem. Physics PhD

University of Washington, Seattle

Kenneth K. Ebel

Professor of Biology DA

University of North Dakota, Grand Forks, 1989

Scott E. Gaines

Resident Faculty in Biology MS

Still University, Mesa, AZ, 2008

Lindsay E. Kane-Barnese

Asst. Professor of Biology PhD

University of California, Los Angeles, 2010

John W. Kenney

Prof. of Chemistry/Chemical Physics PhD

University of Utah, Salt Lake City, 1979

Julia A. Melberg

Resident Faculty in Mathematics MA

California State University, Fullerton, 2000

Melinda S. Schulteis

Assoc. Professor of Mathematics PhD

University of California Irvine, 2004

Roderick B. Soper

Assoc. Professor of Biology PhD

Curtin University, Perth, Western Australia, 2009

Bret A. Taylor

Professor of Mathematics PhD

Curtin University, Perth, Western Australia, 2004

Michael E. Young

Assoc. Professor of Cell Biology PhD

Washington University, St. Louis, MO, 2004

Biology Department

Contact: Dr. Roderick Soper

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

Learning Outcomes

- Demonstrate competency in written and oral communication
- Demonstrate competency of content in cell biology, molecular biology, genetics, 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

45-55 Units

Core: 23 Units

BIO 111: General Biology 1	4
BIO 112: General Biology 2	4
BIO 308: Genetics	4
BIO 350: Molecular and Cellular Biology	4
BIO 496: Research in Biology	4
SCI 455: History and Philosophy of Science	3

Emphasis: 22-32 Units

Choose one (1) of the following:

Biological Research (31-32 Units)

CHE 222: Chemistry 2	4
CHE 321: Organic Chemistry 1	4
CHE 322: Organic Chemistry 2	4
CHE 421: Introduction to Biochemistry	4
PHY 211: Physics 1	4
PHY 212: Physics 2	4

Choose two (2) of the following courses:

BIO 247: Human Anatomy and Physiology 2	4
BIO 317: Ecology	3
BIO 341: Plant Biology	4
BIO 345: Evolutionary Zoology	4
BIO 351: General Microbiology	4
CHE 431: Physical Chemistry 1	4

Liberal Arts (22 Units)

Choose a combination of courses below to equal 22 units or more:

BIO 247: Human Anatomy and Physiology 2	4
BIO 317: Ecology	3
BIO 341: Plant Biology	4
BIO 345: Evolutionary Zoology	4
BIO 351: General Microbiology	4
CHE 421: Introduction to Biochemistry	4
SCI 103: Safety Seminar	1
SCI 318: Ocean Science	3

Medical Science (27-28 Units)

BIO 246: Human Anatomy and Physiology 1	4
BIO 247: Human Anatomy and Physiology 2	4
BIO 351: General Microbiology	4
CHE 222: Chemistry 2	4
CHE 321: Organic Chemistry 1	4
CHE 421: Introduction to Biochemistry or ESS 406: Physiology of Exercise	4
PHY 211: Physics 1	4
Che 421: Introduction to Biology (for students intending on medical school)	4
ESS 406: Physiology of Exercise (for students intending on physical therapy school)	4

Biology: Bachelor of Science Degree 71 Units

Learning Outcomes

- Demonstrate competency in written and oral communication
- Demonstrate competency of content in cell biology, molecular biology, genetics, 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

NOTE: Students who select the Bachelor of Science biology major must take Che 221 and Mth 271 in general education.

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

BIO 308: Genetics	4
BIO 350: Molecular and Cellular Biology	4
BIO 496: Research in Biology	4
SCI 455: History and Philosophy of Science	3
BIO 246: Human Anatomy and Physiology 1	4
BIO 247: Human Anatomy and Physiology 2	4
BIO 345: Evolutionary Zoology	4
BIO 351: General Microbiology	4
CHE 222: Chemistry 2	4
CHE 321: Organic Chemistry 1	4
CHE 322: Organic Chemistry 2	4
CHE 421: Introduction to Biochemistry	4
MTH 265: Introduction to Statistics	3
MTH 272: Calculus 2	5
PHY 211: Physics 1	4
PHY 212: Physics 2	4

Minor

Biology 22-24 Units

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

Choose four (4) of the following courses:

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

Chemistry Department

Contact: Dr. John Kenney

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.

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.

Major

Chemistry 50 Units

Core: (37 Units)

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

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
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Emphasis: (13 Units)

Choose one (1) of the following:

Chemical Research

CHE 418: Molecular Spectroscopy	4
CHE 432: Physical Chemistry 2	4
CHE 496: Research in Chemistry	2
SCI 455: History and Philosophy of Science	3

Pre-Medical

BIO 350: Molecular and Cellular Biology	4
CHE 432: Physical Chemistry 2	4
CHE 496: Research in Chemistry	2
ESS 306: Nutrition	3

Secondary Teacher Education

CHE 401: Chemical Education for Secondary Teachers .	3
MTH 265: Introduction to Statistics	3
PHY 212: Physics 2	4
SCI 455: History and Philosophy of Science	3

Minor

Chemistry 22-24 Units

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

Required:

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

Choose two (2) of the following courses: (6-8 units)

CHE 322: Organic Chemistry 2	4
CHE 431: Physical Chemistry 1	4
CHE 496: Research in Chemistry	2

NOTE: Students also seeking a bachelor of science degree in biology should select two (2) of these three (3) courses: Inorganic Chemistry (Che 357), Physical Chemistry 1 (Che 431), Research in Chemistry (Che 496).

Pre-Professional Programs

Medical Science Professions

Director: Dr. Michael Young

Medical schools do not normally require a specific undergraduate major as a prerequisite for entrance, but most do require an emphasis in the biological and physical sciences. Students need to check with the medical school to determine if additional courses and/or a specific major should be selected. Students who enter the Medical Science Professions Program at Concordia University will be assigned a faculty advisor who will work closely with them to assure they take those courses most appropriate for medical science preparation, including preparation for the Medical College Admission Test (MCAT). The MCAT, offered in April and August, should be taken at the end of the junior year. Additional courses and a major should be selected on the basis of the information received from medical schools to which the students are planning to apply.

Learning Outcome

Students will demonstrate competency of content for appropriate pre-professional exams (MCAT, DAT, OAT, GRE, PCAT, etc.) and for admission to the respective programs.

Program Requirements

Note: Completing a specific program is not a requirement for graduation.

A. General Education: (54-55 Units)

It is recommended that students take Che 221 and Psy 101 in their general education.

B. Major Requirement:

Completion of any approved major, normally biology major with a medical science emphasis. A student hoping to enter medical, dental, veterinary, chiropractic, physician assistant, or nursing school is not required to complete a biology major. If a major other than biology is completed, it is suggested that the student complete the Medical Science 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)

17 units with bachelor of arts degree, biology major, medical science emphasis.

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
BIO 308: Genetics	4
BIO 350: Molecular and Cellular Biology	4
BIO 351: General Microbiology	4
BIO 496: Research in Biology	4
CHE 221: Chemistry 1	4
CHE 222: Chemistry 2	4
CHE 321: Organic Chemistry 1	4
CHE 322: Organic Chemistry 2	4
CHE 421: Introduction to Biochemistry	4
MTH 265: Introduction to Statistics	3
MTH 271: Calculus 1	5
PHY 211: Physics 1	4
PHY 212: Physics 2	4
PSY 101: Introduction to Psychology	3
SCI 390: Practicum: Science	2

D. Recommended Courses:

ESS 310: General Medicine and Pharmacology	3
WRT 329: Creative Nonfiction	3

E. Additional Information:

As medical science schools look at experience in addition to grade point average (GPA) and Medical College Admission Test (MCAT) [DAT, 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

Co-directors: Dr. Michael Young and Dr. Vance Tammen

Learning Outcome

The **Pre-Physical Therapy Program** is intended to prepare students for entrance into a doctorate in physical therapy (DPT) program. Students should explore the specific requirements at the school they plan to attend as entrance requirements vary from school to school. It should be noted that completing a

specific program is not a requirement for graduation.

Program Requirements

Note: Completing a specific program is not a requirement for graduation.

A. General Education: (54-55 Units)

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

B. Major Requirement:

Completion of any approved major, normally the biology major with the medical science emphasis or ESS major with the rehabilitation emphasis. A person hoping to enter a graduate physical therapy program (either MPT or DPT) is not required to complete the biology major. If a major other than biology is chosen, it is suggested that the student complete the pre-physical therapy program requirements. This will prepare the student for most graduate programs in physical therapy.

C. Additional Course Requirements:

Forty-nine (49) units – fourteen (14) units over a *biology** major with a medical science emphasis.

NOTE: Che 221 and Psy 101 should be taken in general education.

SCI 390: Practicum: Science	2
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 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 314: Developmental Psychology: Adolescence .. 3 or PSY 315: Developmental Psychology: Adulthood and Aging or PSY 361: Abnormal Psychology	

NOTE: Bio 111*, Bio 112*, Bio 246*, Bio 247*, Che 221*, Che 222*, ESS 406*, Phy 211*, Phy 212* and Bio 351*, Che 321* (listed below) 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
or PSY 361: Abnormal Psychology
NOTE: taking Abnormal Psychology and one (1)
developmental psychology course is
recommended)

Medical Terminology (1-2 Units)

(not presently offered at Concordia)

E. Additional Information:

Most schools look at experience in the physical therapy field in addition to GPA (grade point average) and GRE (Graduate Record Exam) scores. For example, 50-75 observation or employment hours in two-three (2-3) different areas of clinical practice are required by some programs prior to admission. Therefore, students should actively pursue jobs or volunteer work beginning in the freshman or sophomore year. These hours can be applied toward Sci 390 Practicum. Also, additional upper division biology, chemistry, psychology, and ESS courses (such as Bio 308, 350, ESS 304, 310, 358, 368, and Psy 340) are recommended to give students an opportunity to further strengthen their application.

Mathematics Department

Chair: Dr. Bret Taylor

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.

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

44 Units

MTH 265: Introduction to Statistics	3
MTH 271: Calculus 1	5
MTH 272: Calculus 2	5
MTH 295: Mathematical Notation and Proof	3
MTH 373: Calculus 3	4
MTH 387: Theory of Probability	3
MTH 471: Linear Algebra	3
MTH 473: Modern Algebra	3
MTH 484: Differential Equations	3
MTH 489: Real Analysis	3
MTH 495: Topics in Mathematics	3

Choose two (2) of the following courses:

MTH 376: Discrete Mathematics	3
MTH 380: Modern Geometry	3
MTH 388: Mathematical Statistics	3
MTH 420: Number Theory	3

Minor

Mathematics

18-20 Units

NOTE: Students who select the mathematics minor must take CMth 101 in general education.

MTH 265: Introduction to Statistics	3
MTH 271: Calculus 1	5
MTH 272: Calculus 2	5

Choose two (2) of the following courses:

MTH 295: Mathematical Notation and Proof	3
MTH 373: Calculus 3	4
MTH 376: Discrete Mathematics	3
MTH 380: Modern Geometry	3
MTH 387: Theory of Probability	3
MTH 420: Number Theory	3
MTH 425: History of Math	2
MTH 471: Linear Algebra	3
MTH 473: Modern Algebra	3
MTH 489: Real Analysis	3

Pre-Professional Program

Pre-Engineering (Non-Degree)

Acting Director: Dr. Bret Taylor

The **pre-engineering non-degree program** is designed to enable students to complete their general education and foundational mathematics and science requirements prior to enrollment in a recognized school of engineering. Concordia's three-year, non-degree, Pre-Engineering Program will allow students to receive the necessary transfer units in a personalized and caring environment.

While there are many foundational courses that are appropriate for any engineering field, the student's area of specialization should be considered when registering for classes. Assistance in the selection and transfer process to a school of engineering will be offered.

Program Requirements

A. General Education: (54-55 Units)

The following courses are recommended:

Life Science

CBIO 101 : Integrated Biology	4
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Physical Science

CHE 221: Chemistry 1	4
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Mathematics

CMTH 101: Nature of Mathematics	3
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B. Major Requirements:

Since pre-engineering is a non-degree program and is designed for transfer to an established engineering school for conferral of degree, there are no requirements for completion of an approved major.

C. Course Requirements: (43-60 Units)

Core: (32 Units)

CHE 222: Chemistry 2	4
MTH 271: Calculus 1	5
MTH 272: Calculus 2	5
MTH 373: Calculus 3	4
MTH 471: Linear Algebra	3
MTH 484: Differential Equations	3
PHY 211-H: Physics 1: Honors (calculus-based)	4
PHY 212-H: Physics 2: Honors (calculus-based)	4

Emphasis: (16-35 Units)

Choose one (1) of the following:

Bio-Medical: Pre-Medical (35 Units)

BIO 112: General Biology 2	4
BIO 308: Genetics	4
BIO 345: Evolutionary Zoology	4
BIO 350: Molecular and Cellular Biology	4
BIO 496: Research in Biology	4
CHE 321: Organic Chemistry 1	4
CHE 322: Organic Chemistry 2	4
CHE 421: Introduction to Biochemistry	4
SCI 455: History and Philosophy of Science	3

NOTE: Courses suggested to strengthen competencies: Bio 345, Sci 455.

Chemical (31 Units)

Materials Science (27 Units)

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
CHE 432: Physical Chemistry 2	4
SCI 455: History and Philosophy of Science	3

NOTE: Courses suggested to strengthen competencies: Che 354, Che 421, Che 424, Sci 455.

Civil (24 units)

Environmental (33 Units)

Mechanical (16 Units)

Aerospace (16 Units)

BIO 112: General Biology 2	4
CHE 321: Organic Chemistry 1	4
ECO 201: Macroeconomics	3
ECO 202: Microeconomics	3
MTH 265: Introduction to Statistics	3
MTH 295: Mathematical Notation and Proof	3
MTH 387: Theory of Probability	3
MTH 473: Modern Algebra	3
MTH 489: Real Analysis	3
MTH 495: Topics in Mathematics	3
SCI 211: Geology	3
SCI 318: Ocean Science	3

NOTE: Courses suggested to strengthen competencies: Mth 295, Mth 473, Mth 489, Mth 495.

Division of Performing and Visual Arts

Chair: Dr. Jeffrey Held

Art Department

Co-chairs: Prof. Niclas Kruger
Prof. Rachel Soo

The **Art Department** offers majors in art and graphic design that has 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.

Learning Outcomes

- Develop conceptual, visual, and creative techniques in the design planning process.
- Apply technology used in the graphic design industry.
- Generate projects that apply elements and principles of design.
- Produce symbolic representations
- Employ principles of typographic formalism to their designs.
- Create imagery that utilizes studio art and digital illustrations.
- Write creative briefs that communicate their design ideas and expectations.

Faculty

Rachel C. Hayes

Assistant Professor of Art MFA
Southern Illinois University, Edwardsville, 2007

Niclas T. Kruger

Assoc. Professor of Art MFA
California State University, Fullerton, 2002

Rachel L. Soo

Assoc. Professor of Graphic Design MFA
Iowa State University, Ames, 2004

Majors

Art

45 Units

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 one (1) of the following courses:

ART 331: Sculpture 1	3
ART 341: Hand Building Ceramics 1	3
ART 351: Printmaking 1	3

Emphasis: (21 Units)

Choose one (1) of the following:

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 three (3) of the following courses:

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 three (3) of the following courses:

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

54 Units

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 472: Web Design 1	3
ARTG 473: Motion Graphics	3
ARTG 482: Web Design 2	3

Choose one (1) of the following courses:

ART 351: Printmaking 1	3
ARTG 471: Video Art	3

NOTE: ArtG 390 and ArtG 490 are recommended electives

Minors

Art

18 Units

ART 200: Elements of Art	3
ART 201: Drawing 1	3
ART 321: Painting 1	3
ART 351: Printmaking 1	3

Choose one (1) of the following courses:

ART 311: Art History 1	3
ART 312: Art History 2	3

Choose one (1) of the following courses:

ART 331: Sculpture 1	3
ART 341: Hand Building Ceramics 1	3

Graphic Design

18 Units

ARTG 261: Graphic Design 1	3
ARTG 361: Graphic Design 2	3
ARTG 461: Graphic Design 3	3

Choose two (2) of the following courses:

ARTG 270: Digital Publishing	3
ARTG 271: Digital Image Manipulation	3
ARTG 272: Digital Illustration	3

Choose one (1) of the following courses:

ARTG 315: The History of Contemporary Art	3
ARTG 390: Graphic Design Practicum	3
ARTG 471: Video Art	3

Music Department

Chair: Dr. Herbert Geisler

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

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/performances.

Contextualization

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

Faculty

Michael L. Busch
Professor of Music

DMA

University of Colorado, Boulder, 1999
Herbert G. Geisler, Jr.
 Professor of Music PhD
 University of Michigan, Ann Arbor, 1990
Jeffrey M. Held
 Asst. Professor of Music DMA
 Boston University, MA, 2010
Marin R. T. Jacobson
 Asst. Professor of Music DMA
 University of Iowa, Iowa City, 2011
Carol R.S. McDaniel
 Resident Faculty in Music DWS
 The Institute for Worship Studies, Orange Park, FL, 2007

NOTE: Four (4) units of ensemble are counted toward graduation within the major, but each music major MUST participate in at least one department ensemble each term of attendance; two ensembles are encouraged. Additional units may be petitioned against general electives as described in the General Catalog.

Senior Recital or Project (2-3 units)
 Mu__ 498: Senior Recital 2
 or MUS 498: Senior Project in Music
 NOTE: Mu__ 498 (Senior Recital) replaces applied music for the semester leading up to the recital. Mus 498 (Senior Project in Music) may be composition, field study, or research project.

Major

Music 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-Modernity ...	3

Performance: (9+ units)

MU ____: Applied Music5+
 NOTE: Every semester on a principal instrument at least to Level 401

Piano Competence

All music majors who select a principal instrument other than piano or organ MUST also achieve the equivalent of MUKP 201 either by completing the course or passing the music department piano proficiency examination.

Voice Competence

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

MuE ____: Ensemble 4

Emphasis: (20 Units)

Choose one (1) of the following:

Church Music

NOTE: This 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 482: Musical Heritage of the Church	3
or THL 482: Musical Heritage of the Church	
MUS 483: A Survey of Christian Hymnody	3
or THL 483: A Survey of Christian Hymnody	
MUS 484: Planning Music in Christian Worship	2
or THL 484: Planning Music for Christian Worship	
THL 382: Corporate Worship	3

Choose a minimum of seven (7) units from the following:

MUS 441: Handbell Methods and Repertoire	2-3
MUS 461: Music for Children	2-3
MUS 471: Choral Methods and Repertoire	3
THL 381: Worship Arts Ministry	3

Liberal Arts or Performance

NOTE: This 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 emphasis can prepare a student for specialized graduate studies in such sub-disciplines as

music history/musicology, music theory, composition, ethnomusicology, vocal or instrumental performance. See your advisor for details.

Performance Enrichment

Choose a minimum of three (3) units from the following:

MU ____: Applied Music: primary instrument or composition	3
MU ____: Applied Music: secondary instrument and/or instrumental techniques courses	2
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

History and Theory

Choose a minimum of three (3) units from the following:

MUS 401: Advanced Studies in Music	0
MUS 402: Orchestration	2
MUS 451: Music Cultures of the World: Emerging Nations	3
MUS 452: Music Cultures of the World: The Silk Road	3
MUS 482: Musical Heritage of the Church	3
or THL 482: Musical Heritage of the Church	
MUS 483: A Survey of Christian Hymnody	3
or THL 483: A Survey of Christian Hymnody	

Methodology and Leadership (3 units)

Choose a minimum of three (3) units from the following:

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

Electives

Select ten (10) additional units from Mus courses listed in the three (3) groups above.

Music Education

The **music education emphasis** provides a foundation for teaching in public and private schools and for taking the California Subject Examination for Teachers 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 twenty-four (24) units is 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	
MUS 461: Music for Children	2-3
MUS 462: Music in Secondary Schools	2

Choose a minimum of three (3) units from the following:

NOTE: A secondary instrument may be substituted for one techniques course upon petition.

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

Choose a minimum of five (5) units from the following:

MUS 215: Music Technology	1
MUS 402: Orchestration	2
MUS 412: Instrumental Methods and Repertoire	2-3
MUS 441: Handbell Methods and Repertoire	2-3
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 one to three (1-3) of the following courses:

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

MuE ____: Ensemble	2
MU ____: Applied Music (one [1] instrument, achieving 300 level)	4

Electives

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

Worship Arts Leadership 22-23 Units

NOTE: with Music Education, Liberal Arts, or Performance emphasis in the music major; students should take Thl 371 as part of general education.

MUS 482: Musical Heritage of the Church	3
or THL 482: Musical Heritage of the Church	
MUS 483: A Survey of Christian Hymnody	3
or THL 483: A Survey of Christian Hymnody	
MUS 484: Planning Music in Christian Worship	2
or THL 484: Planning Music for Christian Worship	
MUS 485: Contemporary Christian Song	2
or THL 485: Contemporary Christian Song	
MU__ 102-409: Applied Music instruction	1
THL 281: Introduction to Worship Arts	1
THL 372: Christian Doctrine 2	3
THL 381: Worship Arts Ministry	3
THL 382: Corporate Worship	3

Choose two to three (2-3) units from the following:

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

Worship Arts Leadership 19-20 Units

NOTE: with Church Music emphasis in the music major; students should take Thl 371 as part of general education.

MUS 484: Planning Music in Christian Worship	2
or THL 484: Planning Music for Christian Worship	
MUS 485: Contemporary Christian Song	2
or THL 485: Contemporary Christian Song	
THL 281: Introduction to Worship Arts	1
THL 372: Christian Doctrine 2	3

THL 381: Worship Arts Ministry	3
THL 382: Corporate Worship	3
THL 429: Biblical Theology and Exegesis	3

Choose two to three (2-3) units not taken for Church Music emphasis in Music Major:

ART 170: Digital Publishing	3
ART 171: Digital Image Manipulation	3
MUS 221: Beginning Conducting	2
MUS 215: Music Technology	1
MUS 382: Contemporary Worship Ensemble Leadership	3
MUS 441: Handbell Methods and Repertoire	2-3
MUS 461: Music for Children	2-3
MUS 471: Choral Methods and Repertoire	3
THR 261: Acting 1	3

Theatre Department

Chair: Prof. Lori Siekmann

The **Theatre Department** helps fulfill the university's mission by training students to integrate artistic excellence with a Christian world view and by producing theatrically exciting plays that reflect that world view. In doing so, we seek to provide learning opportunities in the fine arts for our students to present high quality entertainment to the people of Orange County.

Learning Outcomes

Theatre in Historical and Global Context

- Apply knowledge and appreciation of significant artistic works of others, past and present and in more than one culture, to their artistic pursuits

Critical Thinking in Research

- Utilize scholarly resources and related material to evaluate and/or create points of view

Interaction of Faith and Artistry

- Articulate one's own theological and philosophical perspectives and apply that to artistic visions and choices

Theatrical Artistry

- Acting and Directing
 - o Effectively utilize tools and techniques to act and direct theatrical art
- Communication
 - o Effectively utilize oral and written communication skills to discuss, create, analyze, and present theatrical work
- Design and Technical Production
 - o Effectively utilize different technical elements that contribute to the theatrical whole

- History/Literature/Criticism
 - Analyze the relationship between text and Performance

Faculty

Peter L. Senkbeil

Professor of Theatre PhD
Northwestern University, Evanston, IL, 1995

Lori C. Siekmann

Asst. Professor of Theatre MA
University of Illinois, Chicago, 1996

Tony J. Vezner

Assoc. Professor of Theatre MFA
Indiana University, Bloomington, 1992

Major

**Theatre
45 Units**

Core: (24 Units)

THR 251: Introduction to Theatre	3
THR 261: Acting 1	3
THR 311: Introduction to Technical Production	3
THR 321: Introduction to Theatrical Design	3
THR 351: Play Direction 1	3
THR 390: Practicum: Theatre	3
THR 441: Theatre and Culture 1	3
THR 442: Theatre and Culture 2	3

Emphasis: (21 Units)

Choose one (1) of the following:

Acting and Directing

THR 141: Voice for the Actor	1.5
THR 151: Movement for the Actor	1.5
THR 262: Acting 2	3
THR 371: Acting 3	3
THR 381: Acting in Musical Theatre	3
THR 451: Play Direction 2	3

Choose two (2) of the following courses:

ENG 387: Modern and Contemporary Drama	3
ENG 466: Shakespeare	3
THR 330: Performance Studies and Readers Theatre	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	3
THR 498: Theatre Showcase	3

Design And Technical Production

THR 201: Drafting and Color Media	3
THR 211: Computer Aided Design	3
THR 323: Period Styles of Design*	3

Choose four (4) of the following courses:

THR 325: Scenic Design	3
THR 327: Lighting and Sound Design	3
THR 329: Costume Design	3
THR 452: Advanced Script Analysis	3
THR 498: Theatre Showcase	3

History, Literature, and Criticism

ENG 387: Modern and Contemporary Drama	3
ENG 466: Shakespeare	3
ENG 471: Literary Theory	3
THR 330: Performance Studies and Readers Theatre ...	3
THR 443: Contemporary Theatre and Culture	3
THR 445: Dramatic Theory and Criticism	3

Choose one (1) of the following courses:

THR 262: Acting 2	3
THR 452: Advanced Script Analysis	3
THR 461: Creative Drama and Improvisation	3
THR 498: Theatre Showcase	3
WRT 337: Writing for the Stage and Screen	3

Minors

**Musical Theatre
24 Units**

ESS 304: Motor Learning and Control	3
DAN 101: Ballet 1	1
DAN 102: Ballet 2	1
DAN 111: Jazz Dance	1
DAN 112: Modern Dance	1
DAN 141: Tap Dance	1
MUS 211: Aural Skills 1	1
MUVO ____ : Applied Music (4 semesters of voice with at least one semester at 300 level) ...	4
THR 261: Acting 1	3
THR 262: Acting 2	3
THR 381: Acting in Musical Theatre	3
THR 390: Practicum: Theatre	3

NOTES:

- Students are advised to take either Mus 102 or 201 and Thr 251 as general education courses.

- Students are strongly encouraged to take at least four (4) semesters of MuE ensemble credit (vocal or instrumental).

Theatre
18 Units

THR 251: Introduction to Theatre	3
THR 261: Acting 1	3
THR 262: Acting 2	3
THR 351: Play Direction 1	3
THR 441: Theatre and Culture 1	3
or THR 442: Theatre and Culture 2	

Choose one (1) of the following courses not taken above:

ENG 387: Modern and Contemporary Drama	3
ENG 466: Shakespeare	3
THR 321: Introduction to Theatrical Design	3
THR 330: Performance Studies and Readers Theatre	3
THR 441: Theatre and Culture 1	3
THR 442: Theatre and Culture 2	3
THR 461: Creative Drama and Improvisation	3

Division of Psychology and Behavioral Sciences

Chair: Dr. Jennifer Cosgrove

Behavioral Sciences Department

The study of the **behavioral sciences** helps students develop their capacity to explore, conceptualize, explicate and interpret human experience by means of the disciplines of anthropology, sociology and psychology.

Learning Outcomes

- Summarize and evaluate literature to demonstrate critical understanding of content, theories, and methods
- Design empirical research to study human experience and behavior
- Write and speak in genres appropriate to the behavioral sciences
- Examine the complexity of socio-cultural and international diversity
- Illustrate how a Christian world-view interrelates with and complements the scientific study of human behavior
- Creatively and effectively apply psychological knowledge and skills to promote positive change in one's community

Faculty

Brooke Benda

Resident Faculty in Sociology MS
Vanguard University, Costa Mesa, CA, 2000

Jennifer S. Cosgrove

Professor of Psychology PhD
U.S. International University, San Diego, CA, 1991

Roberto Flores de Apodaca

Professor of Psychology PhD
University of Rochester, NY, 1979

John Lu

Assoc. Professor of Psychology PhD
University of California, Irvine, 2007

Buddy Mendez

Professor of Psychology PhD
Fuller Seminary Graduate School of Psychology,
Pasadena, CA, 1992

Susan N. Purrington

Resident Faculty in Psychology PhD
Rosemead School of Psychology, LaMirada, CA, 2010

Jack M. Schultz

Professor of Anthropology PhD
University of Oklahoma, Norman, 1995

Major

Behavioral Sciences

54 Units

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 one (1) of the following courses:

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

Choose one (1) of the following courses:

BSC 301: Topics in the Behavioral Sciences	3
PSY 381: Advanced Research Methods 1	3

Emphasis: (18 Units)

Choose one (1) of the following:

Anthropology

ANT 241: Field Anthropology	3
ANT 314: Native Peoples of North America	3
ANT 435: Anthropology of Religion	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 one (1) of the following courses:

ANT 241: Field Anthropology	3
ANT 314: Native Peoples of North America	3

Choose one (1) of the following courses:

PSY 202: Human Sexuality	3
PSY 340: Introduction to Biopsychology	3
PSY 403: Health Psychology	3

Choose one (1) of the following courses:

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.

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 229: Criminology	3
SOC 316: Ethnic and Minority Relations	3
SOC 320: Social Stratification	3
SOC 325: Women and Gender Issues	3
SOC 332: Child, Family and Community	3
SOC 355: Social Gerontology	3

Minors

Anthropology 18 Units

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

Choose four (4) of the following courses:

ANT 241: Field Anthropology	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

Cross Cultural Studies 18 Units

ANT 210: Cultural Anthropology	3
BSC 220: Qualitative Research Methods	3
SOC 316: Ethnic and Minority Relations	3
SOC 320: Social Stratification	3

Choose two (2) of the following courses:

ANT 241: Field Anthropology	3
ANT 314: Native Peoples of North America	3
ANT 364: Culture and Self	3
MUS 451: Music Cultures of the World: Emerging Nations	3
MUS 452: Music Cultures of the World: The Silk Road	3

Sociology 18 Units

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

SOC 229: Criminology	3
SOC 331: Marriage and the Family	3
SOC 332: Child, Family and Community	3
SOC 461: Social Theory	3

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

SOC 320: Social Stratification	3
SOC 325: Women and Gender Issues	3
SOC 355: Social Gerontology	3

Psychology Department

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).

Learning Outcomes

Systematic Inquiry

- Understand basic research methods in psychology including research design, data analysis and interpretation of research results.
- Demonstrate familiarity with major concepts, theoretical perspectives, empirical findings and historical trends in psychology.

Clear Communication

- Present ideas and conclusions in a coherent and organized fashion through writing, speaking and modern technical media.

Health and Well-being

- Develop insight into their own behavior and mental processes and apply effective strategies for self-management and self-improvement.

Socio-cultural Responsiveness

- Recognize, understand and respect the complexity of socio-cultural and international diversity.

Christian Literacy and Life

- Recognize and articulate how a Christian world-view interrelates with and complements the scientific study of human behavior.

Servant Leadership

- Creatively and effectively apply psychological knowledge and skills to promote positive change in one's community.
- Identify and describe career and vocational options in psychology.

Major

Psychology 44 Units

Learning Outcomes

- Summarize and evaluate literature to demonstrate critical understanding of content, theories, and methods
- Design empirical research to study human experience and behavior
- Write and speak in genres appropriate to psychology
- Examine the complexity of socio-cultural and international diversity
- Illustrate how a Christian world-view interrelates with and complements the scientific study of human behavior
- Creatively and effectively apply psychological knowledge and skills to promote positive change in one's community

NOTE: Students who select the psychology major are encouraged to take Psy 101 in general education.

BSC 265: Statistics for the Behavioral Sciences 3
BSC 296: Introduction to Research Methods 3

PSY 261: Chemical Dependency and Addiction 3
PSY 340: Introduction to Biopsychology 3
PSY 351: Personality Theory 3
PSY 361: Abnormal Psychology 3
PSY 371: Cognition 3
PSY 390: Practicum: Psychology 1-3
PSY 403: Health Psychology 3

Choose one (1) of the following course pairings:

PSY 202: Human Sexuality 3
and BSC 301: Topics in the Behavioral Sciences 3

OR

PSY 381: Advanced Research Methods 1 3
and PSY 382: Advanced Research Methods 2 3

Choose two (2) of the following courses:

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

Choose one (1) of the following courses:

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

Choose one (1) of the following courses:

ANT 364: Culture and Self 3
PSY 345: Social Psychology 3

Minor

Psychology 18 Units

NOTE: Students who select the psychology minor are encouraged to take Psy 101 in general education.

PSY 351: Personality Theory 3
PSY 361: Abnormal Psychology 3

Choose one (1) of the following courses:

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

Choose three (3) of the following courses:

ESS 365: Sport Psychology 3
PSY 202: Human Sexuality 3
PSY 340: Introduction to Biopsychology 3

PSY 345: Social Psychology	3
PSY 371: Cognition	3
PSY 403: Health Psychology	3
PSY 441: Clinical and Forensic Psychology	3
PSY 466: Principles of Counseling	3

School of Business and Professional Studies

Dean: Dr. Timothy C. Peters

The **School of Business and Professional Studies** seeks opportunities to extend the Christian educational mission of the university by providing learning opportunities to traditional undergraduate, adult and international students.

Traditional undergraduate students may enroll in the business or economics program. Graduate students may enroll in the Master of Arts in Business Administration (MBA) or Master of Arts in International Studies (MAIS) programs. Adult students may enroll in one of the adult degree completion programs. Nursing students may enroll in the Bachelor of Science (BSN) or Registered Nurse to Bachelor of Science (RN to BSN) programs.

Learning Outcomes

Systematic Inquiry

- Students will acquire and continue to use systematic skills for encountering knowledge. They will articulate a problem, structure an investigation, gather suitable resources, organize and manipulate qualitative or quantitative data, and think critically to reach appropriate conclusions.

Clear Communication

- Students will acquire and continue to use knowledge and skills for sharing thoughts, data and feelings through writing, speaking, selected technical media and information management.

Health and Well-Being

- Students will acquire and continue to use knowledge and skills which enhance their physical, economic, psychological and spiritual well-being and environment, laying the groundwork for satisfying and responsible leisure as well as vigorous and purposeful work.

Socio-cultural Responsiveness

- Students will acquire and continue to use knowledge and skills for effective, respectful and positive interaction with the variety of the world's peoples, cultures, societies and traditions. They will be sensitive to other cultures, ethnic groups and minorities in their contributions to the human experience and the business world in particular.

Aesthetic Responsiveness

- Students will acquire and continue to use knowledge and skills for perceiving the elements of

human feeling, their synthesis and expression in artistic media. Students will shape their own affective response through selected media including writing, drama, music and visual arts.

Christian Values

- Students will acquire knowledge of and appreciation for Christian faith, biblical and confessional principles, God's creation, God's redemption, Christian witness and humanitarian service.

Servant Leadership

- Students will acquire and continue to use knowledge and skills to perceive the needs of others, stimulate a vision for positive response and collaborate within communities to achieve the desired result.

Faculty

Tammie L. Burkhart

Asst. Professor of Business MBA
Pepperdine University, Malibu, CA, 2001

Thomas D. Busby

Resident Faculty in Accounting MA/CPA
Central Missouri State University, Warrensburg, 1974

Catherine Caston

Resident Faculty in Nursing PhD
University of Iowa, Iowa City, 1994

Terry L. Cottle

Asst. Professor of Nursing MSN
California State University, San Bernardino, 2004

Kala R. Crobarger

Resident Faculty in Nursing EdD cand
Nova Southeastern University, Ft. Lauderdale, FL, 2012

Stephen A. Duarte

Resident Faculty in Health Care Management EdD
University of LaVerne, CA, 2011

Eugene D. Esparza

Resident Faculty in Adult Degree Programs MBA
Thunderbird School of Global Management, Glendale, AZ, 2001

Marc Fawaz

Assoc. Professor of Business EdD
Pepperdine University, Malibu, CA, 2009

Andrew M. Grimalda

Resident Faculty in Business MMS
Massachusetts Institute of Technology, 1986

Bruce J. Hanson

Professor of Business PhD
Case Western Reserve University, Cleveland, OH, 1995

Mary E. Hobus

Assoc. Professor of Nursing PhD

Marquette University, Milwaukee, WI, 2008
Carol F. Holt
 Resident Faculty in Nursing PhD
 University of California, Los Angeles, 2005
Kathleen M. Kennedy
 Resident Faculty in Nursing MSN
 California State University, Fullerton, 2011
Eugene P. Kim
 Assoc. Professor of Education PhD
 University of California, Los Angeles, CA, 2004
Suzanne L. Kussro
 Resident Faculty in Nursing MSN
 California State University, Long Beach, 1999
Paul J. Marquardt
 Asst. Professor of Adult Studies MA
 Concordia University, Irvine, CA, 1997
Paul F. Massmann
 Professor of Instructional Technology EdD
 Nova Southeastern University, North Miami Beach, FL, 2002
Lizette Mationg
 Resident Faculty in Nursing MSN
 Walden University, Minneapolis, MN, 2008
Ann M. McKellar
 Resident Faculty in Nursing PhD
 Claremont Graduate University, CA, 2005
Janet S. Muller
 Asst. Professor of Business MBA
 San Diego State University, CA, 1980
Christopher J. Nagel
 Associate Professor of Business MIM
 American Graduate School of International Management, Glendale, AZ, 1979
Mila V. Paunovic
 Resident Faculty in Nursing MSN
 University of Phoenix, AZ, 2005
Timothy C. Peters
 Professor of Education EdD
 Pepperdine University, Malibu, CA, 1999
Jacqueline C. Pinkowski
 Resident Faculty in Nursing MS
 California State University, Fullerton, 2003
Carolyn K. Shiery
 Asst. Professor of Business MBA
 Walden University, Minneapolis, MN, 1996
E. Andrew Stenhouse
 Resident Faculty in Organizational Psychology EdD
 Pepperdine University, Malibu, CA, 1999
Valerie J. Valles
 Resident Faculty in Nursing MSN
 California State University, Fullerton, 2010

Xiao-Qing Wang
 Assoc. Professor of International Studies PhD
 University of Notre Dame, Indiana, 2004
George W. Wright
 Asst. Professor of Business MBA/MS
 California State University, Fullerton. 1995
Damian Wyman
 Asst. Professor of International Studies MA
 California State University, Long Beach, 2003

Pre-Business Program

Director: Prof. George Wright

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 first before they enter the emphasis. Upon successful completion of the following courses with an overall grade point average (GPA) of 2.0 and a School of Business and Professional Studies GPA of 2.5, the student may apply to the School of Business and Professional Studies to be classified as a business major. Business majors should take Mth 221 as part of their General Education requirements.

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

Choose one (1) of the following courses:

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

Director: Prof. George Wright

The **undergraduate business program** operates within the university's mission statement of preparing men and women to succeed in the business world. Students study under the direction of faculty experienced in both the educational and vocational aspects of the discipline. Each student is considered for his or her unique gifts and how these talents may be encouraged, developed and strengthened. Enrollment in the program brings with it the opportunity to participate in business activities and organizations.

Learning Outcomes

Student taking the Business major will be able to:

- Identify, apply, and assess concepts and theories of business.
- Conduct empirical analysis of business opportunities.
- Demonstrate the ability to promote wise and honorable decision making.
- Forecast and address the implications of business decisions and their implementation.

Majors

Business Administration

54 Units

Core: (33 Units)

ACT 211: Financial Accounting	3
ACT 212: Managerial Accounting	3
BUS 251: Legal Environment of Business	3
BUS 261: Information Technology	3
BUS 224: Business Writing and Presentations	1
BUS 475: Business Strategy	3
BUS 483: Business Ethics	3
BUS 490: Business Internship	1-8
or ESS 490: Internship: ESS Sport Management	
ECO 201: Macroeconomics	3
or ECO 202: Microeconomics	
FIN 331: Finance	3
MGT 321: Management	3
MKT 341: Marketing	3

Emphasis: 21 Units

Choose one of the following:

Accounting

ACT 311: Intermediate Accounting 1	3
ACT 312: Intermediate Accounting 2	3
ACT 313: Cost Accounting	3
ACT 315: Accounting Information Systems	3
ACT 417: Federal and California State Personal Taxes ..	3
or ACT 418: Corporate Tax Accounting	
ACT 419: Auditing	3

Choose one (1) of the following courses:

ACT 417: Federal and California State Personal Taxes ..	3
or ACT 418: Corporate Tax Accounting	
ACT 332: Financial Statement Analysis	3
FIN 211: Personal Finance	3
FIN 333: Investments	3
NOTE: Act 417 or Act 418 may be taken if not already taken in the core	

Finance

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

Choose two (2) of the following courses:

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

Management

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

Choose two (2) of the following courses:

ECO 201: Macroeconomics	3
or ECO 202: Microeconomics	
ECO 429: Environmental Economics, Law and Policy	3
FIN 333: Investments	3
FIN 335: Real Estate Finance	3
MGT 351: Diversity in Organizations	3
MKT 445: International Marketing	3

NOTE: Either Eco 201 or Eco 202 is allowed if not taken in 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 two (2) of the following courses:

COM 422: Studies in Public Relations	3
MGT 323: Global Enterprise	3
or MGT 351: Diversity in Organizations	
or MGT 324: Global Enterprise Experience	
MKT 344: The Advertising Agency	3
MKT 355: Business and Services Marketing	3
MKT 363: Computer Graphics	3
MKT 365: Computer Graphics with Motion	3

Sport Management

ESS 222: Organization and Management of Sport	3
ESS 320: Historical, Social, Cultural Foundations of Sport and P.E.	3
ESS 323: Sport Marketing and Sponsorship	3
ESS 326: Sport Operations and Facility Management	3
ESS 350: Sport Law	3
MGT 424: Human Resource Management	3

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

COM 422: Studies in Public Relations	3
MGT 351: Diversity in Organizations	3
MKT 344: The Advertising Agency	3
MKT 353: Professional Selling	3
MKT 442: Marketing Research	3

Economics 49 Units

Learning Outcomes

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 Concordia's student for decision-making in work and life by incorporating the analytical process of modern economic thought in the pursuit of maximizing value. Students with an economics major will be able to:

- Articulate and apply the concepts and theories of financial markets.
- Identify, illustrate, and apply economic principals.
- Utilize qualitative and quantitative analytical skills to model, measure, and predict economic behavior.
- Effectively communicate economic thought and principals to peers, associates, and supervisors.
- Identify and illustrate philosophic and moral precepts that define socio-cultural behavior.
- 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: Quantitative Economic Techniques	3
ECO 485: Major Thesis	3
FIN 331: Finance	3
MTH 221: Nature of Business Mathematics	3

Choose four (4) of the following courses:

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	

Minors

Accounting (18 Units)

ACT 211: Financial Accounting	3
ACT 212: Managerial Accounting	3
ACT 311: Intermediate Accounting 1	3
ACT 312: Intermediate Accounting 2	3

Choose one (1) of the following courses:

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 one (1) of the following courses:

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	
MGT 326: New Ventures and Entrepreneurship	3
MGT 424: Human Resource Management	3
MKT 341: Marketing	3
MKT 442: Marketing Research	3

Business (18 Units)

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

Choose three (3) of the following courses:

ACT 212: Managerial Accounting	3
ACT 315: Accounting Information Systems	3
COM 344: Theory and Practice of Interviewing	3
FIN 331: Finance	3
MGT 323: Global Enterprise	3
or MGT 324: Global Enterprise Experience	
MGT 326: New Ventures and Entrepreneurship	3
MKT 341: Marketing	3

Economics (18 Units)

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

Choose three (3) of the following courses:

ECO 321: Quantitative Economic Techniques	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 (18 units)

MKT 341: Marketing	3
MKT 344: The Advertising Agency	3
MKT 353: Professional Selling	3
MKT 442: Marketing Research	3

Choose two (2) of the following courses:

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

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, of the doctrines of the church and of other statements of faith. Christ College also equips students for professional church vocation in their chosen field. The school guides students interested in receiving certification for ministerial vocations in The Lutheran Church—Missouri Synod.

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 Christ's church will demonstrate skills and attitudes to effectively live out and lead the church in the Great Commission and lives of service.

Faculty

Clinton J. Armstrong

Asst. Professor of Theology PhD
University of California, Irvine, 2008

Scott A. Ashmon

Assoc. Professor of Old Testament and Hebrew PhD
Hebrew Union College, Cincinnati, OH, 2010

James V. Bachman

Professor of Philosophy PhD

Florida State University, Tallahassee, 1986

Carolina N. Barton

Asst. Professor of Library Science MLIS
Simmons Graduate School of Library/ Information
Science, Boston, MA, 1999

Mark A. Brighton

Professor of Biblical Languages/Theology PhD
University of California, Irvine, 2005

Daniel R. Deen

Asst. Professor of Philosophy PhD Cand
Florida State University, Tallahassee, FL, 2008

Glenn K. Fluegge

Assistant Professor of Theology PhD Cand
University of Pretoria, South Africa, 2009

Adam D. Hensley

Assistant Professor of Theology PhD Cand
Concordia Seminary, St. Louis, MO, 2000

David W. Loy

Asst. Professor of Philosophy and Theology PhD
St. Louis University, MO, 2003

Jeffrey C. Mallinson

Associate Professor of Theology DPhil
Oxford University, England, 2000

Michael P. Middendorf

Professor of Theology ThD
Concordia Seminary, St. Louis, MO, 1990

Steven P. Mueller

Professor of Theology PhD
Durham University, England, 1997

W. Rod Rosenblatt

Professor of Theology PhD
Université de Strasbourg, France, 1978

Christine M. Ross

Assoc. Professor of Christian Education PhD
St. Louis University, MO, 2006

Robert F. Rossow

Asst. Professor of Theology PhD Cand
Capella University, Minneapolis, MN, 2009

David L. Rueter

Asst. Professor of Christian Education PhD
Talbot School of Theology, LaMirada, CA, 2011

Mark W. Siegert

Resident Faculty in Theology MA
Concordia University, Irvine, CA, 2011

Dean M. Vieselmeier

Professor of Theology PhD
University of Nebraska, Lincoln, 1989

Majors

Biblical Languages

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 312: New 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

46 Units

The **Christian Education Leadership** major is taken by the student who desires to be a Director of Christian Education (DCE) in The Lutheran Church—Missouri Synod (LCMS). Students will also complete the DCE program and the Christ College requirements. This major may also be taken by students interested in full-time Christian education ministry outside of the LCMS.

CED 202: Parish Program Leadership	3
CED 302: Teaching Strategies and Management	3
CED 360: Group Dynamics	3
CED 370: Children's Ministry	3
CED 380: Youth Ministry	3
CED 460: Adult Education in the Parish	3
CED 470: Family 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 one (1) of the following courses:

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

Recommended Electives:

CED 201: Introduction to DCE Ministry	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
THL 321: World Religions	3
THL 430: Christian Apologetics	3
THL 465: Christians and Ethics	3

Theological Studies

49 Units

THL 222: Christian Witness and Evangelism	1
THL 311: Old Testament Book of the Bible	3
or THL 312: New Testament Book of the Bible	
THL 321: World Religions	3
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 430: Christian Apologetics	3
THL 463: Readings in Classical Christian Thought	3
THL 465: Christians and Ethics	3
THL 489: Integrated Theology	1

Choose one (1) of the following course pairings:

GRE 101: Greek 1	4
and GRE 102: Greek 2	4

OR

HEB 101: Hebrew 1	4
and HEB 102: Hebrew 2	4

Choose three (3) of the following courses:

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 312: New Testament Book of the Bible	3
THL 355: The Reformation	3
THL 481: The Mission of Christ's Church	3

NOTE: Thl 311 and Thl 312 may be taken if not already taken above.

Theology

40 Units

THL 304: History of the Christian Church	3
THL 311: Old Testament Book of the Bible	3
THL 312: New Testament Book of the Bible	3
THL 321: World Religions	3
THL 371: Christian Doctrine 1	3
THL 372: Christian Doctrine 2	3
THL 375: Contemporary Religious Bodies in America	3
THL 429: Biblical Theology and Exegesis	3
THL 430: Christian Apologetics	3
THL 465: Christians and Ethics	3
THL 489: Integrated Theology	1

Philosophy

Choose two (2) of the following courses:

PHI 211: Philosophical Ethics	3
PHI 433: Philosophy of Religion	3
PHI 439: Analytic Philosophy	3

Historical Theology

Choose one (1) of the following courses:

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 two (2) of the following courses:

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/Literature of the Old Testament	3
THL 202: History/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 one (1) of the following course pairings:

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: May choose Thl 311 or Thl 312 if it is a different book than above

Christian Education Leadership

(27 Units)

CED 202: Parish Program Leadership	3
CED 302: Teaching Strategies and Management	3
NOTE: Education students should replace CEd 302 with Thl 429	
CED 360: Group Dynamics	3
THL 372: Christian Doctrine 2	3

Choose three (3) of the following courses:

CED 370: Children's Ministry	3
CED 380: Youth Ministry	3
CED 460: Adult Education in the Parish	3
CED 470: Family Ministry	3

Choose one (1) of the following courses:

THL 429: Biblical Theology and Exegesis	3
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

(24 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 two (2) of the following courses:

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 one (1) of the following courses:

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 one (1) of the following courses:

HST 338: Modern European History 3
 HST 371: Islamic Civilization 3

**Philosophy
(18 Units)**

CPHI 101: Introduction to Philosophy 3
 or PHI 201: Critical Thinking
 PHI 211: Philosophical Ethics 3
 PHI 433: Philosophy of Religion 3
 PHI 439: Analytic Philosophy 3
 THL 430: Christian Apologetics 3
 THL 465: Christians and Ethics 3

**Theology
(24 Units)**

THL 321: World Religions 3
 THL 371: Christian Doctrine 1 3
 THL 372: Christian Doctrine 2 3
 THL 375: Contemporary Religious Bodies in America 3
 THL 429: Biblical Theology and Exegesis 3
 THL 430: Christian Apologetics 3
 THL 463: Readings in Classical Christian Thought 3
 THL 465: Christians and Ethics 3

**Worship Arts Leadership
(25-26 Units)**

NOTE: For students not taking the Church Music Emphasis of the Music Major

THL 281: Introduction to Worship Arts 1
 THL 371: Christian Doctrine 1 3
 THL 372: Christian Doctrine 2 3

THL 381: Worship Arts Ministry 3
 THL 382: Corporate Worship 3
 THL 482: Musical Heritage of the Church 3
 or MUS 482: Musical Heritage of the Church
 THL 483: A Survey of Christian Hymnody 3
 or MUS 483: A Survey of Christian Hymnody
 THL 484: Planning Music for Christian Worship 2
 or MUS 484: Planning Music in Christian Worship
 THL 485: Contemporary Christian Song 2
 or MUS 485: Contemporary Christian Song
 MU ___ 102-409: Applied Music instruction 1

Choose two to three (2-3) units from the following:

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

**Worship Arts Leadership
(22-23 Units)**

NOTE: For students taking the Church Music Emphasis of the Music Major

THL 281: Introduction to Worship Arts 1
 THL 371: Christian Doctrine 1 3
 THL 372: Christian Doctrine 2 3
 THL 381: Worship Arts Ministry 3
 THL 382: Corporate Worship 3
 MUS 484: Planning Music in Christian Worship 2
 or THL 484: Planning Music for Christian Worship
 MUS 485: Contemporary Christian Song 2
 or THL 485: Contemporary Christian Song
 THL 429: Biblical Theology and Exegesis 3

Choose two to three (2-3) units not taken as part of Church Music Emphasis in the Music Major:

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 2-3
 MUS 461: Music for Children 2-3
 MUS 471: Choral Methods and Repertoire 3
 THR 261: Acting 1 3

Youth Ministry (18-21 Units)

NOTE: for non-Christian Education Leadership Majors

CED 380: Youth Ministry	3
CED 470: Family Ministry	3
CED 302: Teaching Strategies and Management	3
PSY 314: Developmental Psychology: Adolescence	3

NOTE: Church Vocation Majors choose two (2) of the following courses:

CED 360: Group Dynamics	3
CED 370: Children’s 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

NOTE: Non-Church Vocation Majors take the following two (2) courses:

THL 371: Christian Doctrine 1	3
THL 372: Christian Doctrine 2	3

Choose one (1) of the following courses:

CED 360: Group Dynamics	3
CED 370: Children’s 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

Christ College Programs Ministry Programs

Director: Ministerial Formation: Prof. Robert Rossow

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 their program. Students must 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.

The 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

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, 203, 303, or 403
 - CCI 103: Introduction to Ministry 1
 - CCI 203: Church Polity/Organizational Structure 1
 - CCI 303: Teaching the Faith 1
 - CCI 403: The Role of the Christian Professional 1
 - THL 201: History/Literature of the Old Testament ... 3
 - THL 202: History/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. Christine Ross

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: (54-55 Units)

Normally completed during the first two (2) years of attendance.

B. Major Requirements: (46 Units)

The Christian education leadership major is required for all DCE students.

C. Christ College Certificate Requirements: (21 Units)

See above.

D. Suggested Minors:

Anthropology, art, biblical languages, business, communication, cross-cultural studies, early childhood studies, music, musicology, psychology, sociology, theatre, theology, worship arts leadership, and writing

E. Additional DCE Program Requirements: (21 Units)

CED 201: Introduction to DCE Ministry	3
CED 401: DCE Ministry Seminar/Field Work 1	3
CED 402: DCE Ministry Seminar/Field Work 2	3
CED 490: Internship: DCE Ministry	12

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, 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.

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 Lutheran Church—Missouri Synod (LCMS) congregation; 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. Students will take up to fifty-five (55) 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 the Christ College certificate, with which the candidate is eligible to receive a divine call to serve in a congregation or other agency affiliated with The Lutheran Church—Missouri Synod.

Program Requirements

A. General Education: (54-55 Units)

Normally completed during the first two (2) years of attendance. The student may, if placed by examination, substitute Mus 201 in the music major for the Mus 101 Fine Arts option in general education.

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

C. Christ College Certificate Requirements: (21 Units)

See above.

D. Additional DPM Program Requirements: (7 Units)

MUS 391: Practicum: Church Music	1
MUS 491: Senior Field Work in Church Music 1	6

NOTE: Students must demonstrate the following skills before graduation:

MUKP 202: if piano is not the primary instrument

or MUKO 102: keyboard improvisation
and MUVO 100: Voice Class1-2
or MUVO 101: Private Lessons: Voice

**Lutheran Teaching Ministry:
Elementary and Secondary Education**

Director: Dr. Rebecca Peters

Lutheran teaching programs prepare the student 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 being a 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) and Christ College requirements. Students’ teaching assignments will include both public school settings and Lutheran schools. 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 classes in this program are Education classes, 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 teaching ministry are guided to serve God by being servant leaders in their classrooms, in 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 service 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 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: (54-55 Units)

Normally completed during the first two (2) years of attendance. Students should take the following courses at Concordia University as part of their general education curriculum:

- THL 201: History/Literature of the Old Testament ... 3
- THL 202: History/Literature of the New Testament . 3

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 above.

D. Additional Pre-Deaconess Program Requirements: (20-22 Units)

- CCI 008: Seminar in Deaconess Ministry 0.5
- CCI 103-403: Christ College Modules 4
- GRE 101: Greek 1 4
- and GRE 102: Greek 2 4
- OR
- HEB 101: Hebrew 1 4
- and HEB 102: Hebrew 2 4
- THL 304: History of the Christian Church 3
- THL 371: Christian Doctrine 1 3
- THL 372: Christian Doctrine 2 3
- THL 465: Christians and Ethics 3

Highly Recommended:

- _____: Second Biblical Language 9
- CED 202: Parish Program Leadership 3
- CED 302: Teaching Strategies and Management 3

Note: CCI 008 may be taken once a year, normally in semesters when not taking CCI 103-403.

Pre-Seminary Studies Program

Director: Rev. Quinton Anderson

The **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 (3) additional years of academic work and one (1) 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 director of the Pre-Seminary Studies Program for specific requirements and procedures for admission.

Program Requirements

A. General Education: (54-55 Units)

Normally completed during the first two years of attendance.

B. Major Requirements: (34-36 Units)

Completion of any approved major.

C. Christ College Certificate Requirements: (21 Units)

See above.

D. Additional Pre-Seminary Course Requirements: (24 Units)

CPhi 101: Introduction to Philosophy	3
or PHI 201: Critical Thinking	
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 388: Youth Ministry	3
CED 487: Parish Program Leadership	3
CED 488: Family Ministry	3
CED 489: Adult Education in the Parish	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
PHI 211: Philosophical Ethics	3
PSY 466: Principles of Counseling	3
THL 222: Christian Witness and Evangelism	1
THL 430: Christian Apologetics	3

E. Additional Information:

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

Colloquy Program

Director: Dr. Rebecca Peters

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/>.

Cross-Cultural Ministry Center

Directors: Prof. Robert Rossow and Prof. Glenn Fluegge

The Cross-Cultural Ministry Center oversees the preparation, training and formation of candidates for pastoral ministry in The Lutheran Church—Missouri Synod (LCMS).

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 Lutheran Church—Missouri Synod (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 people 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 Education

Dean: Dr. Janice E. Nelson

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.

Learning Outcomes

Systematic Inquiry

Critical Thinking

- Use analytical skills in diagnosing learning needs, designing and developing appropriate learning materials and strategies and assessing learning outcomes.

Clear Communication

Professional and Interpersonal Communication

- Communicate effectively with parents, students and colleagues using appropriate verbal and non-verbal techniques.

Learning Environmental Design

- Describe attributes of classrooms in which students learn effectively, plan learning spaces that incorporate such attributes, and implement their plans through appropriate coordination with administrators and support staff.

Health and Well-Being

Balanced Lifestyle

- Model healthy life choices.

Socio-cultural Responsiveness

Accommodating Diverse Populations

- Model sensitivity to diversity issues through written and spoken expression in all relationships with students, parents and colleagues.
- Model appreciation of the various qualities of diverse student populations and adapt environments, learning activities and management strategies appropriately to meet the needs of the populations served.

Language Acquisition Awareness

- Articulate the effects of second language acquisition on socialization and learning and plan learning experiences accordingly.

Global Awareness

- Articulate differing viewpoints on current issues as members of a world community.

Christian Literacy and Life

Ethical Decision-Making

- Seek solutions to ethical problems consistent with biblical principles.

Christian Witness

- Model Christian values.

Aesthetic Responsiveness

Creative Teaching

- See teaching not only as a skill but also as an art, responding both aesthetically as well as cognitively.
- Integrate writing, drama, music and art throughout the curriculum and model affective responses in these areas.

Servant Leadership

Leaders as Professionals

- Demonstrate leadership in such a manner as to enhance the public image of the professional educator.

Leaders as Servants

- Model servant behavior, striving to meet the needs of all students in schools.

Leaders as Visionaries

- Develop, describe and implement a vision for success in school and community.

Faculty

David P. Burgdorf

Asst. Professor of Education CAS
Northern Illinois University, DeKalb, 1976

Dwight R. Doering

Professor of Education PhD
Georgia State University, Atlanta, 1998

Cheryl D. Lampe

Professor of Education EdD
Pepperdine University, Malibu, CA 1993

Ann M. McKellar

Resident Faculty in Education PhD
Claremont Graduate University, CA, 2003

Deborah S. Mercier

Professor of Education PhD
Claremont Graduate University, CA, 2006

Sara C. Morgan

Assistant Professor of Education MA
Chapman University, Orange, CA, 2005

Jason K. Neben

Asst. Professor of Education MAEd
Concordia University, Irvine, CA, 2008

Janice E. Nelson

Professor of Education EdD
Wayne State University, Detroit, MI, 1992

M. Patty O'Connor

Resident Faculty in Education MA
Azusa Pacific University, CA, 1996

Rebecca R. Peters Professor of Education Biola University, LaMirada, CA, 2006	EdD
DeeAnn V. Ragaisis Professor of Education Argosy University, Phoenix, AZ, 2005	EdD
John H. Randall Asst. Professor of Education Pepperdine University, Malibu, CA, 2004	MA
Sandra F. Scharlemann Professor of Education U.S. Int'l University, San Diego, CA, 2000	PsyD
Michael W. Schulteis Professor of Science Education Curtin University, Perth, Western Australia, 2005	ScEdD
Timothy J. Schumacher Assistant Professor of Education Pepperdine University, Malibu, CA, 2001	MA
Rebecca A. Stanton Resident Faculty in Education Argosy University, Orange County, CA, 2006	EdD
Margaret C. Thomas Asst. Professor of Education Barry University, Miami Shores, FL, 2005	PhD
Heather L. Vezner Asst. Professor of Education Concordia University Chicago, IL, 1996	MA
Dian K. Vieselmeyer Asst. Professor of Education Concordia University, Seward, NE, 1984	MEd
Karen Y. Wiggins Asst. Professor of Education University of North Texas, Denton, 1992	MA

Major

Liberal Studies 84 Units

The **Liberal Studies Major** is the elementary subject matter preparation program approved by the state of California for students preparing to be elementary or multiple subject 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 teaching credential must pass.

To qualify for admittance into the teacher education program, liberal studies majors, students must earn a minimum grade of B- in EduC 101 and EduC 201,

maintain a grade point average (GPA) of 2.7 with no course grade below C- in the major and pass the California Basic Educational Skills Test (CBEST).

NOTE: For students entering with zero to twenty-nine (0-29) units of transferrable credit:

Fine Arts (6 Units)

Choose one (1) of the following courses:

ART 111: Experiences in Art	3
MUS 111: Experiences in Music	3
THR 111: Experiences in Theatre	3

Choose one (1) of the following courses not in the discipline above:

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

Choose one (1) of the following courses:

Any 2nd semester foreign language	3
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 Thought2: The Enlightenment to Present	3
THL 321: World Religions	3

Social Science

Choose one (1) of the following courses:

ANT 210: Cultural Anthropology	3
PSY 101: Introduction to Psychology	3
SOC 101: Introduction to Sociology	3

NOTE: Ant 210 may be chosen if not taken under Global Perspective

Human Development/Education

EDUC 101: Introduction to Teaching Careers 1	1
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EDUC 201: Introduction to Teaching Careers 2	1
or EDSP 202: Introduction to Teaching Special Populations	
EDUC 301: Typical and Atypical Development of Diverse Learners	3
or EDSP 301: Typical and Atypical Development of Diverse Learners	
PSY 313: Developmental Psychology: Childhood	3

Language

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	

Choose one (1) of the following courses:

COM 111: Public Speaking	3
COM 211: Introduction to Argumentation and Debate .	3
NOTE: Wrt 201 can be taken by students with a SAT writing score of 640 or above.	

Advanced Writing Choice

Choose one (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
WRT 337: Writing for the Stage and Screen	3

Mathematics

CMTH 101: Nature of Mathematics	3
MTH 301: Mathematics for Teachers	3

Physical Education/Health

ESS 101: Education for Healthful Living	2
ESS 340: Elementary Physical Education	3

Science

SCI 115: Physical Science: Introduction to Chemistry and Physics	4
SCI 301: Earth Science	3

Concentrations

Liberal studies majors may select from the following areas of concentration:

American Political Studies	Life Sciences
Art	Mathematics
Child Development	Music
Christ College	Physical Education
English	Spanish
General Science	Study Abroad
Global Cultural Studies	Theatre
History: European	
Social History	
History of Ideas	
Political History	

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 (6) levels of the Child Development permit. Some levels require supervised field experience.

Detailed information on the various levels to the Child Development 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.

EDU 248: Principles/Curriculum of Early Childhood Education	3
EDU 400: Practicum: Early Childhood Field Experience	3
EDU 466: Helping Children Cope with Violence	3
EDU 468: Observation/Assessment of Young Children	3
PSY 313: Developmental Psychology: Childhood	3
SOC 332: Child, Family and Community	3

Choose one (1) of the following courses:

EDU 467: Emergent Literacy	3
ENG 391: Children’s Literature	3
MUS 461: Music for Children	2-3
PSY 314: Developmental Psychology: Adolescence	3
Edu 490 requires supervised field experience.	

NOTE: With careful planning the early childhood minor can be combined with a major in liberal studies

leading toward a California Teaching Credential. If you are interested in this option, it is important you meet as early as possible with your advisors and the School of Education 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

Learning Outcomes

- 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 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 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 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 and single subject 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 a preliminary California credential in multiple (elementary), single subject (secondary), and education specialist (EdSP).

EduC 400 level courses are part of the California credential program. To begin taking this coursework as

an undergraduate, one must be fully admitted to the undergraduate teacher education program.

Full admission to the teacher education program requires the following:

1. Cumulative grade point average (GPA) of 2.7 or higher with no course grade lower than C in the major.
2. Successful completion of EduC 101 and 201 (or EdSP 202). This requires 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. Certificate of Health Clearance.
6. Concordia University's 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 is different for various majors. Please refer to the Undergraduate Elementary and Secondary Education Handbook to find out when you must take this exam. These handbooks are available in the School of Education office.

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

EDUC 201: Introduction to Teaching Careers 2	1
EDUC 301: Typical and Atypical Development of Diverse Learners	3
EDUC 401: Planning and Assessment for Inclusive Classrooms	3
EDUC 402: Creating Positive and Inclusive Learning Environments	3

EDUC 422: Math and Science Methods	2
EDUC 423: Integrated Curriculum Methods:	
Elementary	2
EDUC 451: Language and Culture	3
EDUC 460: Reading and Language Development in Diverse Elementary Classrooms	4
EDUC 480: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Elementary	1
EDUC 482: Student Teaching: Elementary	12

Secondary Education

34 Units

Single Subject Credential

EDUC 201: Introduction to Teaching Careers 2	1
EDUC 301: Typical and Atypical Development of Diverse Learners	3
EDUC 401: Planning and Assessment for Inclusive Classrooms	3
EDUC 402: Creating Positive and Inclusive Learning Environments	3
EDUC 424: Secondary Curriculum and Methods	4
EDUC 451: Language and Culture	3
EDUC 470: Reading and Language Development in Diverse Secondary Classrooms	4
EDUC 481: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Secondary	1
EDUC 483: Student Teaching: Secondary	12

Special Education

36 Units

Education Specialist: Mild-Moderate

EDSP 202: Introduction to Teaching Special Populations	1
EDSP 301: Typical and Atypical Development of Diverse Learners	3
EDSP 401: Planning and Assessment for Inclusive Classrooms	3
EDSP 402: Creating Positive and Inclusive Learning Environments	3
EDSP 425: Advanced Curriculum Methods for Special Populations	3
EDSP 426: Case Management, Assessment, and Collaboration	
EDSP 451: Language and Culture	3
EDSP 460: Reading and Language Development in Diverse Elementary Classrooms	4
EDSP 480: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Elementary	.1
EDSP 484: Student Teaching: Special Education.....	12

Prior to student teaching, the California Subject Examination for Teachers (CSET) or a Single Subject Matter Preparation Program must be completed and documented with a GPA of 2.7 or higher and no course grade lower than a C- in the major. EduC 201, 480/481, 482/483 must have grades of B- or higher.

Teacher Credential

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, including EduC 480 and 482 or 481 and 483 with a minimum grade of B-.
4. U.S. Constitution course or approved alternative demonstration of competency.
5. Level I technology competencies (Edu 098 or 586).
6. Demonstration of subject matter competence (passage of California Subject Examination for Teachers [CSET] or Single Subject Matter Preparation Programs with GPA of 2.7 and no grade below a C).
7. Passage of the Teaching Performance Assessment (TPA) for multiple and single subject candidates. Passage of TPA 1 and 2 and 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" 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).

COURSES of INSTRUCTION

Concordia University projects the following courses. Implementation of these courses depends upon the availability of faculty and adequate student enrollment. Course numbers indicate the academic level: 100-200 are lower division; 300-400 are upper division. 099 courses receive academic credit but this credit does not count toward graduation. Freshmen ordinarily do not take upper division courses. For offerings during specific semester, students should consult the current master course schedule at <http://www.cui.edu/studentlife/registrar/index.aspx?id=2834>.

Anthropology

ANT 210. Cultural Anthropology. 3 hours

Understanding diverse cultures of the world, from preliterate societies to modern technological societies is the focus of this course, including mankind's universal as well as adaptive dimensions; the examination of socioeconomic, political, religious, and physical environmental factors that relate to the values and lifestyles of various peoples.

ANT 241. Field Anthropology. 3 hours

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. Native Peoples of North America. 3 hours

An anthropological overview of native North American societies from pre-Columbian times to the present is the focus of this course, utilizing a culture area approach and including an emphasis on the native people of California. Offered in alternate years.

ANT 364. Culture and Self. 3 hours

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. Anthropology of Religion. 3 hours

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 in alternate years.

Art

NOTE: A lab fee is required for each art course except 311, 312, and 315.

ART 111. Experiences in Art. 3 hours

This course is designed to introduce students to the different components resulting in a finished work of art with an emphasis 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.

ART 200. Elements of Art. 3 hours

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.

ART 201. Drawing 1. 3 hours

In this course students will explore a variety of subjects such as landscape, still life, and natural and man-made objects through a variety of drawing media.

ART 251. Design. 3 hours

Students will learn the elements and principles of design in this course by creating two- and three-dimensional works of art as they study the art of professional designers. Prerequisites: Art 200 and 201 or consent of instructor.

ART 301. Drawing 2. 3 hours

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. Prerequisite: Art 201 or consent of instructor.

ART 311. Art History 1. 3 hours

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 in alternate years.

ART 312. Art History 2. 3 hours

This course is a survey of Western art from the Renaissance through the present time, employing illustrated lectures, independent research, museum visits, and discussion. Offered in alternate years.

ART 315. The History of Contemporary Art. 3 hours

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 his/her culture; and how symbols, techniques, materials, and subjects are used to convey the issues important to contemporary artists. Offered in alternate years.

ART 321. Painting 1. 3 hours

Students will explore the importance of composition, color, and value in this course by painting in oil and other media such as acrylic, watercolor, and tempera, with an emphasis on studying art history and learning from professional painters while also exploring the techniques of painting in relationship to specific content. Prerequisite: Art 201.

ART 331. Sculpture 1. 3 hours

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. Prerequisites: Art 200 and 201 or consent of instructor. Offered in alternate years.

ART 341. Hand Building Ceramics 1. 3 hours

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. Prerequisite: Art 101 or consent of instructor. Offered in alternate years.

ART 351. Printmaking 1. 3 hours

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 in alternate years.

ART 390. Practicum: Art. 1-8 hours

A practical, hands-on experience outside the classroom that is directly related to the student's major, minor, or professional program providing a complement to the student's academic experience.

ART 391. Art in the Schools. 3 hours

This practical course is for students who plan to teach art at the secondary level. Students will assist an art teacher in a middle or high school setting, integrating what they have learned in Secondary Art Curriculum and Methods for the presentation of a variety of art projects in the classroom. Prerequisites: Art 480 and consent of instructor.

ART 392. Art Gallery Experience. 3 hours

Students will expand their understanding of art as they assist in an art gallery or center in this course which is designed to equip studio art students with practical skills such as curating exhibitions, working with professional artists, teachers and/or art dealers. Prerequisites: studio art emphasis with senior standing or consent of instructor.

ART 401. Figure Drawing. 3 hours

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. Prerequisites: Art 201 and 301. Offered in alternate years.

ART 421. Painting 2. 3 hours

Students will be encouraged to paint from life in oil and other media in this course as they engage in active discussions about historical methods of painting and view the work of professional painters. Class critiques will enable students to articulate both the techniques and subject matter they explore in the images they produce. Prerequisite: Art 321.

ART 431. Sculpture 2. 3 hours

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. Prerequisites: Art 331 and consent of instructor. Offered in alternate years.

ART 441. Hand Building Ceramics 2. 3 hours
Building on the foundation of Hand Building Ceramics 1, this course will challenge students to pursue a more individual exploration of ceramic forms and texture with an emphasis on the technical understanding of surface treatments and ceramic processes as tools toward formal and conceptual success. Along with hand-building techniques, glazing, and kiln firing, the aesthetics of form will be investigated with a focus on design and visual thinking. Prerequisite: Art 341 or consent of instructor.

ART 451. Printmaking 2. 3 hours
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. Prerequisites: Art 201, 301, and 351. Offered in alternate years.

ART 480. Secondary Art Curriculum and Methods. 3 hours
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 in alternate years.

ART 488. Children's Art. 3 hours
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. Prerequisite: Art 101 or consent of instructor.

ART 490: Art Internship. 3-8 hours
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.

ART 498. Senior Art Seminar. 3 hours
In this course students will choose a particular media to use in order to create a body of work that explores a focused theme, as they conduct research for the work they produce for a group exhibition. Prerequisites: senior standing and consent of instructor.

Art: Graphic Design

NOTE: A lab fee may be required for some courses.

ARTG 261. Graphic Design 1. 3 hours
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 in alternate years.

ARTG 270. Digital Publishing. 3 hours
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.

ARTG 271. Digital Image Manipulation. 3 hours
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.

ARTG 272. Digital Illustration. 3 hours
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.

ARTG 300. History of Graphic Design. 3 hours

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.

ARTG 360. Typography 1. 3 hours

This course is 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 in alternate years.

ARTG 361. Graphic Design 2. 3 hours

Students 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 is devoted to a service learning assignment creating design projects for a nonprofit organization within the community. Prerequisites: Art 261. Offered in alternate years.

ARTG 390. Graphic Design Practicum. 3 hours

A practical, hands-on experience outside the classroom that is directly related to the student's major, minor, or professional program providing a complement to the student's academic experience.

ARTG 460. Typography 2. 3 hours

As a continuation of Typography 1, 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.

ARTG 461. Graphic Design 3. 3 hours

The goal of this course is to 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. Prerequisites: ArtG 361. Offered in alternate years. Offered in alternate years.

ARTG 471. Video Art. 3 hours

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 in alternate years.

ARTG 472. Web Design 1. 3 hours

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

ARTG 473. Motion Graphics. 3 hours

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. Prerequisites: ArtG 261, 271, 272, and 360.

ARTG 481. Digital Photography. 3 hours

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 in alternate years. Offered in alternate years.

ARTG 482. Web Design 2. 3 hours

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.

Behavioral Science

BSC 220. Qualitative Research Methods. 3 hours

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 involves a field component.

BSC 265. Statistics for the Behavioral Sciences. 3 hours

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.

BSC 296. Introduction to Research Methods. 3 hours

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.

BSC 301. Topics in the Behavioral Sciences. 3 hours

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 other majors in the behavioral sciences. Prerequisites: senior standing, BSc 265 and either BSc 220 or 296.

Biology

NOTE: A nominal fee may be charged for required field trips.

BIO 101. Principles of Biology. 4 hours

This is an introductory course to scientific 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.

BIO 111. General Biology 1. 4 hours

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.

BIO 112. General Biology 2. 4 hours

As a continuation of General Biology 1, 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. Prerequisite: Bio 111 or equivalent or consent of instructor.

BIO 246. Human Anatomy and Physiology 1. 4 hours

This course will examine the general principles of physiology, cell structure and function, and cell metabolism and division, including a survey of tissues, integumentary, skeletal, muscle, central nervous system, and sensory receptors. Lab time is included in the schedule. Prerequisite: Bio 101, 111, or CBio 101 (or equivalent).

BIO 247. Human Anatomy and Physiology 2. 4 hours

As a continuation of Human Anatomy and Physiology 1, 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. Prerequisite: Bio 101, 111, or CBio 101 (or equivalent).

BIO 308. Genetics. 4 hours

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. Prerequisite: Bio 350 or concurrent registration or consent of department chair.

BIO 317. Ecology. 3 hours

Fundamental ecological concepts introduced in literature and illustrated in field investigations will be examined in this course including two (2) required weekend field trips (Friday afternoon-Sunday). Prerequisites: Bio 111, 112 and Che 221 or Sci 115. Offered in alternate years.

BIO 341. Plant Biology. 4 hours

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. Prerequisites: Bio 101, 111 or CBio 101 and Che 221 or Sci 115. Offered in alternate years.

BIO 345. Evolutionary Zoology. 4 hours

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. Prerequisites: Bio 101, 111/ 112, or CBio 101, Che 221 and 222 or consent of instructor. Offered in alternate years.

BIO 350. Molecular and Cellular Biology. 4 hours

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. Prerequisites: Bio 111 and 112, Che 221 and 222 or Sci 115, or concurrent enrollment, or consent of division chair.

BIO 351. General Microbiology. 4 hours

As an introduction to bacteria (morphology, physiology, ecological and medical importance) and microorganisms (viruses, rickettsia, pathogenic, protozoa, molds and yeasts), this courses' laboratory sessions will emphasize the culture, physiology, and identification of the major groups of microbes. Lab time is included in the schedule. Prerequisites: Bio 101, 111, or CBio 101 and Che 221 or Sci 115.

BIO 401. Biology Seminar. 2 hours

An in-depth look at specific areas within the biological sciences, this course will cover a variety of topics and may include immunology, virology, or molecular biology. Library research using scientific journals will be required to prepare a major paper and oral presentation. Prerequisite: sixteen (16) units of biology. Restricted to juniors and seniors.

BIO 496. Research in Biology. 4 hours

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: restricted to senior standing.

Business: Accounting**ACT 211. Financial Accounting.** 3 hours

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.

ACT 212. Managerial Accounting. 3 hours

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.

ACT 311. Intermediate Accounting 1. 3 hours

This course will expand the theories and concepts of accounting to include 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.

ACT 312. Intermediate Accounting 2. 3 hours

As a continuation of Intermediate Accounting 1, this course will emphasize inventories, current liabilities, long-term assets, intangible assets, long-term liabilities, accounting for leases, and equity securities. Prerequisite: Act 212.

ACT 313. Cost Accounting. 3 hours

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 in alternate years.

ACT 315. Accounting Information Systems. 3 hours

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.

ACT 332. Financial Statement Analysis. 3 hours
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.

ACT 417. Federal and California State Personal Taxes. 3 hours
The preparation of federal and California state income tax returns for the individual will be the focus of this course, including federal forms, schedules, and California adjustments to income. Prerequisite: Act 212. Offered in alternate years.

ACT 418. Corporate Tax Accounting. 3 hours
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 in alternate years.

ACT 419. Auditing. 3 hours
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 consent of instructor. Offered in alternate years.

Business

BUS 201. Introduction to Management, Marketing, and Information Technology. 3 hours
This is a survey course of 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 includes relevant computer experience simulating business situations.

BUS 224. Business Writing and Presentations. 1 hour
This course is 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.

BUS 251. Legal Environment of Business. 3 hours
This course will emphasize U.S. law including sources, courts, procedures, torts, and laws pertaining to the business environment using examples from law of agency, contracts, product liability, government regulations, business organizations, and ethics in American business.

BUS 261. Information Technology. 3 hours
This class 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 like Microsoft Excel, Word, PowerPoint, Access, Project, Visio, and email applications used for business analysis and problem solving strategies.

BUS 390. Students in Free Enterprise (SIFE). 3 hours
SIFE 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.

BUS 475. Business Strategy. 3 hours
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.

BUS 483. Business Ethics. 3 hours
An ethical evaluation course involving 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 major with senior standing.

BUS 490. Business Internship. 1-8 hours
The business internship course is a practical working experience. Students must meet with the 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. Prerequisites: Business major with junior or senior standing and Mgt 321.

Business: Economics

ECO 201. Macroeconomics. 3 hours

A survey course of the scope and methods of the study of economics; the principles underlying the production, exchange, distribution and consumption of wealth; 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.

ECO 202. Microeconomics. 3 hours

An introductory course to 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.

ECO 221. History of Economic Thought. 3 hours

This course is a survey of the history of economic thought from 1600 to 2000, focusing on primary works and discussion of their historical context. Major authors covered 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.

ECO 321. Quantitative Economic Techniques. 3 hours

This course teaches descriptive statistics, probability, random variables and their distributions, sampling, statistical inference including confidence interval estimation, hypothesis testing, game theory, and regression analysis. Prerequisites: Eco 201, 202 and Mth 221.

ECO 323. Money and Financial Markets. 3 hours

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.

ECO 340. Economics of Sin. 3 hours

This course considers the relationship between economic and moral systems by examining markets for goods and services that are private "goods" and social "bads," such as transplantable organs, cigarettes, alcohol, sex, pornography, and illegal drugs. This course considers the foundations of ethical beliefs and the moral grounds for different forms of market intervention; reviews the economics of prohibition and regulation; and analyzes the impact of different forms of social policy on market and social outcomes. Prerequisites: Eco 201 and 202.

ECO 421. Managerial Economics. 3 hours

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.

ECO 428. Economic Analysis of Public Policy. 3 hours

This course uses economic methodology to evaluate important social policy issues in the U.S., focusing 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.

ECO 429. Environmental Economics, Law and Policy. 3 hours

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.

ECO 485. Major Thesis. 3 hours

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.

Business: Finance

FIN 211. Personal Finance. 3 hours

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.

FIN 331. Finance. 3 hours

An introductory course to the principles and practices of managerial finance, sources and methods of raising capital, cash flow analysis, financial statement analysis, financial markets, and stockholder equity concerns. Additional concepts will include decision making with risk and use of operating and financial leverage. Prerequisites: General education math requirements and Act 212.

FIN 332. Financial Statement Analysis. 3 hours

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.

FIN 333. Investments. 3 hours

Building upon Finance, 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.

FIN 335. Real Estate Finance. 3 hours

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.

FIN 445. International Finance. 3 hours

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.

Business: Management

MGT 321. Management. 3 hours

An introductory course to management principles in the area 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, including interpersonal skills, motivation, leadership, and organizational resource management. Prerequisites: Bus 201 and 224. Recommended prerequisite: Eco 201 or 202.

MGT 323. Global Enterprise. 3 hours

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.

MGT 324. Global Enterprise Experience. 3 hours

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.

MGT 326. New Ventures and Entrepreneurship. 3 hours

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.

MGT 327. Organizational Behavior. 3 hours

This course will discuss individual behavior issues such as personality, leadership, perceptions, attitudes, motivation, diversity, stress, and broader issues such as team work, group cohesiveness, career management and change management. Prerequisite: Mgt 321.

MGT 343. Operations. 3 hours

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: Bus 321.

MGT 351. Diversity in Organizations. 3 hours

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.

MGT 424. Human Resource Management. 3 hours

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.

Business: Marketing

MKT 341. Marketing. 3 hours

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.

MKT 344. The Advertising Agency. 3 hours

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.

MKT 353. Professional Selling. 3 hours

A comprehensive overview of basic selling principles and skills will be explored in this course, including each of the major areas to selling: prospecting,

communication skills, building rapport, presentation skills, negotiation, closing, and customer service/follow-up as students create a sales portfolio emphasizing each skill area. Prerequisite: Mkt 341 or concurrent enrollment.

MKT 355. Business and Services Marketing. 3 hours

This course is 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.

MKT 363. Computer Graphics. 3 hours

This course will use Adobe Photoshop or a similar product to develop student skills in the creation and execution of computer graphics for advertising, illustration, or enhancement of business products.

MKT 365. Computer Graphics with Motion. 3 hours

This course will use Adobe Premier or a similar product to develop student skills in the creation and execution of animated computer graphics for advertising, illustration, or enhancement of business products.

MKT 371. Internet Marketing. 3 hours

This course will focus on developing and implementing strategies for successfully marketing goods, services, and ideas on the Internet, including the history and emergence of e-commerce, web analytics, and effective web design and strategies. Prerequisite: Mkt 341.

MKT 442. Marketing Research. 3 hours

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.

MKT 445. International Marketing. 3 hours

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.

MKT 475. Marketing Strategy. 3 hours

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 are used which 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.

Chemistry

CHE 221. Chemistry 1. 4 hours

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.

Prerequisite: Consent of division chair.

CHE 222. Chemistry 2. 4 hours

As a continuation of Chemistry 1 the major topics of this course will include solubility products, chemical thermodynamics, chemical kinetics, and qualitative analysis. Lab time is included in the schedule.

Prerequisite: Che 221.

CHE 321. Organic Chemistry 1. 4 hours

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.

Prerequisite: Che 222

CHE 322. Organic Chemistry 2. 4 hours

As a continuation of Organic Chemistry 1, this course will focus on aromaticity, advanced synthesis and reaction mechanisms, kinetics, organometallic chemistry, and bio-organic chemistry. Prerequisite: Che 321

CHE 354. Inorganic Chemistry. 4 hours

Through a systematic exposition of major trends in structure, bonding, reactivity, and spectroscopy across the periodic table, this course will include main group chemistry, transition metal and coordination chemistry, lanthanide/actinide chemistry, organometallic chemistry, bioinorganic chemistry, solid state chemistry, electron transfer processes, and generalized concepts of acidity. Lab time is included in the schedule.

Prerequisites: Che 222 or consent of instructor. Offered in alternate years.

CHE 401. Chemical Education for the Secondary Teacher. 3 hours

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 the focus of this course which meets California K-12 content standards. Prerequisite: junior or senior standing. Offered in alternate years.

CHE 418. Molecular Spectroscopy. 4 hours

An advanced exposition of theoretical concepts with experimental aspects of atomic and molecular spectroscopy on electronic absorption, electronic luminescence, Raman, and infrared spectroscopies within a group theoretical and symmetry-based conceptual framework. Lab time is included in the schedule. Prerequisite: Che 431; co-requisite: Che 432 or consent of instructor. Offered in alternate years.

CHE 421. Introduction to Biochemistry. 4 hours

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. Prerequisites: Che 321 or consent of instructor.

CHE 424. Analytical Chemistry. 4 hours

Theory and fundamental techniques of qualitative and quantitative chemical analysis via classical and advanced instrumental methods is the focus of this course. Lab time is included in the schedule.

Prerequisites: Che 222 and 3.0 GPA in chemistry or consent of instructor. Offered in alternate years.

CHE 431. Physical Chemistry 1. 4 hours

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. Prerequisites: Che 222, Mth 272 and Phy 211; co-requisite: Mth 373 or consent of instructor. Offered in alternate years.

CHE 432. Physical Chemistry 2. 4 hours

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. Prerequisite: Che 431 or consent of instructor. Offered in alternate years.

CHE 490. Internship: Chemistry. 1-8 hours

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.

CHE 496. Research in Chemistry. 2 hours

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, professional journal manuscript style guides, and statistical analysis will be used in writing research manuscripts and making research presentations. Lab time is included in the schedule. Prerequisite: sixteen (16) units of chemistry courses or consent of instructor. Offered in alternate years.

Christ College**CCI 001. Seminar in Pastoral Ministry.** 0.5 hour

The Lutheran Church—Missouri Synod (LCMS) church vocation student must take one (1) seminar course per year, normally during the semester they are not taking CCI 103, 203, 303, or 403. Specific seminars will be held for each church work vocation (pre-seminary, DCE, teacher, parish music, or pre-deaconess) and will explore areas of interest and concern that pertains specifically to the ministerial vocation the student is pursuing.

CCI 002. Seminar in DCE Ministry. 0.5 hour

LCMS church vocation student must take one (1) seminar course per year, normally during the semester they are not taking CCI 103, 203, 303, or 403. Specific seminars will be held for each church work vocation (pre-seminary, DCE, teacher, parish music, or pre-deaconess) and will explore areas of interest and concern that pertains specifically to the ministerial vocation the student is pursuing.

CCI 003. Seminar in Teaching Ministry. 0.5 hour

LCMS church vocation student must take one (1) seminar course per year, normally during the semester they are not taking CCI 103, 203, 303, or 403. Specific seminars will be held for each church work vocation (pre-seminary, DCE, teacher, parish music, or pre-deaconess) and will explore areas of interest and concern that pertains specifically to the ministerial vocation the student is pursuing.

CCI 007. Seminar in Parish Music. 0.5 hours

LCMS church vocation student must take one (1) seminar course per year, normally during the semester they are not taking CCI 103, 203, 303, or 403. Specific seminars will be held for each church work vocation (pre-seminary, DCE, teacher, parish music, or pre-deaconess) and will explore areas of interest and concern that pertains specifically to the ministerial vocation the student is pursuing.

CCI 008. Seminar in Deaconess Ministry. 0.5 hour

LCMS church vocation student must take one (1) seminar course per year, normally during the semester they are not taking CCI 103, 203, 303, or 403. Specific seminars will be held for each church work vocation (pre-seminary, DCE, teacher, parish music, or pre-deaconess) and will explore areas of interest and concern that pertains specifically to the ministerial vocation the student is pursuing.

CCI 103. Introduction to Ministry. 1 hour

This course will explore Christian vocations including the possibility of full-time professional church work in the LCMS as pastor, 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.

CCI 203. Church Polity and Organizational Structure. 1 hour

This course will explore the history of the 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.

CCI 303. Teaching the Faith. 1 hour

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 along. Creation and evaluation of curricula, Bible studies, and other materials will also be seen as applications of Law and Gospel.

CCI 403. The Role of the Christian Professional. 1 hour

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.

Christian Education

CED 201. Introduction to Director of Christian Education Ministry. 3 hours

This course will examine the ministry of the director of Christian education (DCE) in congregations of the LCMS through the study of key roles and sub-roles of DCEs, history of the DCE ministry within the LCMS, the team ministry of pastors and DCEs, and contact with current field DCE models. Prerequisite: sophomore standing. Course requirement: completion of fingerprint clearance procedures including payment of appropriate fees.

CED 202. Parish Program Leadership. 3 hours

This course will stress the theology and philosophy of Christian education as the foundation of parish programming through the teaching of planning, administration, and leadership skills important to the development, management, and evaluation of parish ministry programs. Prerequisite: CED 201 or consent of instructor. Offered in alternate years.

CED 302. Teaching Strategies and Management. 3 hours

This course will equip students with a variety of instructional strategies for use in the parish setting with a focus on planning, managing, delivering, and evaluating instruction. Students will practice these competencies through applied experiences (e.g., observing, teaching a Bible class, leading devotions, etc.) in a Lutheran school classroom. Transportation to and from the practicum site is the student's responsibility. Prerequisites: Completion of background check and fingerprint clearance. Offered in alternate years.

CED 360. Group Dynamics. 3 hours

Through a study and application of current behavior theory and research in the area of small group communication, this course will include the specific areas of group leadership, conflict resolution, verbal and nonverbal communication, social influence processes, problem-solving, conformity, and consequences of group interaction, with an emphasis on the application of these concepts to real-life situations. Offered in alternate years.

CED 370. Children's Ministry. 3 hours

An in-depth study of the church's ministry with children from birth to age twelve, this course will emphasize faith development theories; family and intergenerational ministry; teaching techniques related to children's ministries; involving children in the total life of the church; and planning, administering, implementing, and evaluating a comprehensive ministry to children. A fieldwork component is required. Offered in alternate years.

CED 380. Youth Ministry. 3 hours

This course will provide students with the basic foundations of parish youth ministry; an opportunity to better understand the current youth culture; a variety of organizational models; and an opportunity to develop programming skills needed for successful parish youth ministry. A fieldwork component is required. Offered in alternate years.

CED 401. DCE Ministry Seminar/Field Work 1. 3 hours

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.

CED 402. DCE Ministry Seminar/Field Work 2. 3 hours
Continuation of DCE Ministry Seminar/Field Work 1.
Prerequisite: CEEd 401.

CED 460. Adult Education in the Parish. 3 hours
This course will look at adult learning theories, faith development, and discuss andragogy as it relates to the planning of effective adult education programs in a local congregation. Offered in alternate years.

CED 470. Family Ministry. 3 hours
An advanced examination of the Christian education field with a focus on family ministry structures, this course will address current conceptual models and practical guidelines for developing family ministry programs within a congregational setting. Offered in alternate years.

CED 490. Internship: DCE Ministry. 12 hours
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.

Communication

COM 111. Public Speaking. 3 hours
This course will examine the principles and practice of effective oral communication and the analysis of the speaking-listening process, including informative, persuasive, and impromptu speaking experiences.

COM 200. Gateway to Communication. 1 hour
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. Introduction to Argumentation and Debate. 3 hours
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. Interpersonal Communication. 3 hours
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.

COM 222. Theory and Practice of Journalism. 3 hours
This course will introduce the basics of journalism writing, style, theory, investigation, ethics, and interviewing. Journalism styles will include news, features, sports, review, and opinion and include writing at least six (6) articles to be submitted to the Concordia Courier.

COM 231. Newspaper 1. 1 hour
An introductory course to the practice of journalism with an emphasis on news writing, as well as production of Concordia Courier.

COM 232. Newspaper 2. 1 hour
As a continuation of Newspaper 1, this course will further introduce the practice of journalism with an emphasis on news writing, as well as production of Concordia Courier. Prerequisite: Com 231.

COM 280. Theories of Human Communication. 3 hours
A systematic exploration of the theories scholars use to explain human communication, this course will examine the theories dealing with rhetoric, persuasion, interpersonal, intercultural, small group, media, organizational, and gender communications.

COM 311. Advanced Public Speaking. 3 hours
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.

COM 321. Mass Communication. 3 hours
This course will focus on the personalities, inventions, developments, terminologies, and issues closely associated with seven (7) mass media industries, and include 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. Guest speakers.

COM 324. Intercultural Communication. 3 hours
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.

COM 328. Small Group Communication. 3 hours
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.

COM 331. Newspaper 3. 1 hour
As an advanced experience in the practice of journalism, this course will emphasize news writing, editing, and page layout, as well as production of Concordia Courier. Prerequisites: Com 231 and 232.

COM 332. Newspaper 4. 1 hour
A continuation of Newspaper 3. Prerequisites: Com 231, 232, and 331.

COM 335. Nonverbal Communication. 3 hours
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.

COM 340. Persuasion and Attitude Change. 3 hours
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.

COM 344. Theory and Practice of Interviewing. 3 hours
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).

COM 371. Introduction to Social Media. 3 hours
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.

COM 390. Practicum: Communication. 1-3 hours
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.

COM 391. Practicum: Newspaper. 1-3 hours
Newspaper Practicum

COM 392. Practicum: Radio. 1-3 hours
Radio Practicum

COM 393. Practicum: Yearbook. 1-3 hours
Yearbook Practicum

COM 394. Practicum: Forensics. 1-3 hours
Forensics Practicum

COM 412. Writing for the Broadcast Media. 3 hours
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.

COM 422. Studies in Public Relations. 3 hours
Public relations as a communication discipline will be examined in this course with an emphasis on developing and implementing campaigns. 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 will be required.

COM 431. Newspaper 5. 1 hour
A continuation of Newspaper 4. Prerequisites: Com 231, 232, 331, and 332.

COM 432. Newspaper 6. 1 hour

A continuation of Newspaper 5. Prerequisites: Com 231, 232, 331, 332, and 431.

COM 451. Organizational Communication. 3 hours

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.

COM 471. Advanced Strategies in Social Media. 3 hours

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 the instructor.

COM 485. Communication Criticism. 3 hours

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.

COM 488. Communication Research Methods. 3 hours

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.

COM 490. Internship: Communication. 1-8 hours

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.

Core Curriculum**CBIO 101. Integrated Biology.** 4 hours

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.

CENG 201. World Literature to the Renaissance. 3 hours

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.

CENG 202. World Literature from the Enlightenment. 3 hours

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.

CHST 201. The West and the World. 3 hours

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. America and the World. 3 hours

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.

CMTH 101. Nature of Mathematics. 3 hours

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. Nature of Mathematics: Lab. 0 hours

Lab for CMTH 101.

CPhi 101. Introduction to Philosophy. 3 hours

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: CMth 101; written permission from the Core Curriculum director is needed to take CPhi 101 as an unlinked course.

CPhi 200. Introduction to Philosophical Inquiry. 3 hours

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 CPhi 200 as an unlinked course.

CTHL 101. Foundations of Christian Theology. 3 hours

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 when appropriate. Such engagement will enable the student 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.

CTHL 200. Introduction to Theological Thought. 3 hours

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 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. This course is paired with the study of philosophy so the interaction of these disciplines will be explored. Co-requisite: CPhi 200; written permission from the Core Curriculum director is needed to take CThl 200 as an unlinked course.

Education

EDU 248. Principles/Curriculum of Early Childhood Education. 3 hours

Early childhood programs offer a variety of philosophies and activities to meet the physical, social, emotional and spiritual needs of young children. This course will explore and contrast elements of curriculum planning and approaches such as an emergent curriculum and constructivist classrooms.

EDU 400. Practicum: Early Childhood Field Experience. 3 hours

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.

EDU 435. Linguistic Development and Second Language Acquisition. 3 hours

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.

EDU 466. Helping Children Cope with Violence. 3 hours

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.

EDU 468. Observation/Assessment of Young Children.

3 hours

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. Prerequisite: Concurrent registration in Early Childhood Student Teaching.

EDUC 098. Technology Literacy for Teachers. 0 hours

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.

EDUC/EDSP 101. Introduction to Teaching Careers 1. 1 hour

This is an introductory course to the field of education and the professional career of the teacher and will include the following topics: characteristics of today's learners; characteristics of effective teachers and schools; California teacher credentialing procedures; and Concordia University's teacher education program. Fifteen (15) hours of community service in a school or other educational organization serving children are required.

EDUC 201. Introduction to Teaching Careers 2. 1 hour

This course focuses on a broad picture of teaching with an emphasis on the California Teaching Performance Expectations (TPEs). Through course activities, students will develop awareness of the TPEs and what to look for to see evidence of these expectations in their assigned field experience. A minimum of fifteen (15) hours of

field work is required in a university-assigned placement. Prerequisites: certificate of clearance; current TB (tuberculosis) test.

EDUC/EDSP 301. Typical and Atypical Development of Diverse Learners. 3 hours

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.

EDUC 400. Education Field Experience. 1-3 hours

Education field experience.

EDUC/EDSP 401. Planning and Assessment for Inclusive Classrooms. 3 hours

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. 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/EduC 451.

EDUC 402/EDSP. Creating Positive and Inclusive Learning Environments. 3 hours

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.

EDUC 422. Math and Science Methods. 2 hours

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. Prerequisites: admission to the teacher

education program; EduC 401 and 451; California Subject Examination for Teachers (CSET) verification.

EDUC 423. Integrated Curriculum Methods:

Elementary. 2 hours

Students will learn approaches to planning, managing, delivering, and assessing instruction in history, arts, and physical education as they drawing upon social, cultural, and historical foundations, and learning theories.

Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET verification.

EDUC 424. Secondary Curriculum and Methods. 4 hours

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. 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 verification.

EDUC/EDSP 451. Language and Culture. 3 hours

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/EdSP 401.

EDUC/EDSP 460. Reading and Language Development in Diverse Elementary Classrooms. 4 hours

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 Reading/Language Arts Frameworks and Standards, and the Reading Instruction Competence Assessment (RICA) Content Specifications.

Prerequisites: admission to the teacher education program, EduC/EdSP 401 and 451; CSET verification.

EDUC 470. Reading and Language Development in Diverse Secondary Classrooms. 4 hours

Using the guidelines set forth by the CCTC and the California Reading/Language Arts Frameworks and 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 verification.

EDUC 480. Teacher Performance Assessment (TPA)

Practicum: Student Teaching 1: Elementary. 1 hour

This class is the last course taken before Student Teaching 2. It consists of at least 30 clock hours of field experience and class seminars to prepare students to teach in elementary and/or EDSP Mild/Moderate classroom settings. Students will develop an understanding of instructional planning and delivery and how to meet the needs of diverse learners. Through the activities of this course, students will complete Teacher Performance Task 1 and Task 2. Minimum Grade of B- required. EDSP candidates will complete an additional 10 hours of participatory field experience in a diverse EDSP Mild/Moderate classroom setting.

EDUC 481. Teacher Performance Assessment (TPA)

Practicum: Student Teaching 1: Secondary. 1 hour

Consisting of thirty (30) hours of field experience and class seminars, this course 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 (CTPA). Minimum grade of B- required. Prerequisites: completion of or concurrent enrollment in EduC 424 and 470; CSET verification.

EDUC 482. Student Teaching: Elementary. 12 hours

Student teaching is a full semester, all day teaching 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 examination.

EDUC 483. Student Teaching: Secondary. 12 hours
Student teaching is a full semester, all day teaching 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 examination, or completion of a state-approved Single Subject Matter Preparation Program.

Education: Education Specialist – Mild to Moderate

EDSP/EDUC 101. Introduction to Teaching Careers 1. 1 hour

This course is an introduction to the field of education and the professional career of the teacher, including the characteristics of today's learners; characteristics of effective teachers and schools; California teacher credentialing procedures; and Concordia University's teacher education program. Fifteen (15) hours of community service in a school or other educational organization serving children are required.

EDSP 202. Introduction to Teaching Special Populations. 1 hour

This course presents 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 is required. Prerequisites: certificate of clearance; current TB (tuberculosis) test.

EDSP/EDUC 301. Typical and Atypical Development of Diverse Learners. 3 hours

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.

EDSP/EDUC 401. Planning and Assessment for Inclusive Classrooms. 3 hours

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. 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/EduC 451.

EDSP 402. Creating Positive and Inclusive Learning Environments. 3 hours

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.

EDSP 425. Advanced Curriculum Methods for Special Populations. 3 hours

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. This course will prepare students to 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 verification.

EDSP 426. Case Management, Assessment, and Collaboration. 3 hours

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. 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 verification.

EDSP/EDUC 451. Language and Culture. 3 hours

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. Students will apply these strategies to course activities and assignments. Prerequisites: admission to the teacher education program; concurrent enrollment in EdSP/Educ 401.

EDSP/EDUC 460. Reading and Language Development in Diverse Elementary Classrooms. 4 hours

As it follows the guidelines set forth by the California Commission on Teacher Credentialing (CCTC) in 2008, the California Reading/Language Arts Frameworks and 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 verification.

EDSP 480. Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Elementary. 1 hour

This class is the last course taken before Student Teaching 2. It consists of at least 30 clock hours of field experience and class seminars to prepare students to teach in elementary and/or EDSP Mild/Moderate classroom settings. Students will develop an understanding of instructional planning and delivery and how to meet the needs of diverse learners. Through the activities of this course, students will complete Teacher Performance Task 1 and Task 2. Minimum Grade of B- required. EDSP candidates will complete an additional 10 hours of participatory field experience in a diverse EDSP Mild/Moderate classroom setting.

EDSP 484. Student Teaching: Special Education. 12 hours

Student teaching is a full semester, all day experience at a qualified school site under the supervision of a cooperating teacher and university supervisor as students practice strategies and classroom management at grade levels and in subject areas that represent the student teacher's career choice. Prerequisites: completion of all program courses; acceptance into the student teaching program; CSET verification or completion of a state-approved Single Subject Matter Preparation Program.

English

ENG 201. Themes in Literature. 3 hours

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.

ENG 271. Literary Criticism. 3 hours

This course is an introduction to 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.

ENG 341. American Literature 1. 3 hours

A survey of American literature from its beginning to 1850, this course will include 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.

ENG 342. American Literature 2. 3 hours

A survey of American literature from 1850 to 1945, this course will emphasize the literary movements of Realism, Naturalism, as well as the roots of modern American literature. Prerequisite: Eng 201 or CEng 201 or 202.

ENG 361. English Literature 1. 3 hours

A survey of representative English prose, poetry, and drama from the Anglo-Saxon period to 1800, this course will look at the readings from such writers as the Beowulf poet, Chaucer, Shakespeare, Donne, Swift,

Pope, and Johnson. Students will also become acquainted with the literary heritage of the English-speaking world. Prerequisite: Eng 201 or CEng 201 or 202.

ENG 362. English Literature 2. 3 hours

This survey course will look at 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.

ENG 380. Women's Literature. 3 hours

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 in alternate years.

ENG 382. Postcolonial Literature. 3 hours

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 in alternate years.

ENG 383. Modern and Contemporary Poetry. 3 hours A survey course of 20th and 21st century poetry, poets, and literary movements. Prerequisite: Eng 201 or CEng 201 or 202. Offered in alternate years.

ENG 385. Modern Novel. 3 hours An 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 in alternate years.

ENG 386. Postmodern Novel. 3 hours

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.

ENG 387. Modern and Contemporary Drama. 3 hours

This course 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 in alternate years.

ENG 389. Film as Literature. 3 hours

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.

ENG 390. Practicum: English. 1-3 hours

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.

ENG 391. Children's Literature. 3 hours

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.

ENG 392. Epic Literature. 3 hours

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 of religion, and the question of personal and national identity.

ENG 441. Major American Writers. 3 hours

Extensive reading and in-depth study of one or more significant American authors with special attention to their themes, literary techniques, and traditions is the focus of this course. Prerequisites: Eng 201 or CEng 201 or 202, Eng 271, 341, or 342. Offered in alternate years.

ENG 451. Senior Seminar in English. 3 hours

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. Prerequisite: Eng 201

or CEng 201 or 202, Eng 271, senior status or permission of instructor or division chair.

ENG 461. Major English Writers. 3 hours
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 in alternate years.

ENG 466. Shakespeare. 3 hours
Critical reading and analysis of selected examples of Shakespeare's histories, comedies, and tragedies is the focus of this course. Prerequisite: Eng 201 or CEng 201 or 202, Eng 271.

ENG 471. Literary Theory. 3 hours
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, Eng 271.

ENG 477. History and Development of the English Language. 3 hours
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.

Exercise and Sport Science: Dance

DAN 101. Ballet 1. 1 hour
This course will introduce the basic ballet positions, movements, and combinations, as well French ballet terms and their meanings, including the discussion of the history and origins of ballet and its various styles.

DAN 102. Ballet 2. 1 hour
This course will further explore the technical and expressive elements of ballet, as well as historically significant ballet schools and styles. It is designed to advance the performance level of students who have mastered the basic skills and vocabulary of ballet. Students practice and perform advanced barre

exercises, demi-pointe work, and increasingly complex connecting movements.

DAN 111. Jazz Dance. 1 hour
This course introduces the fundamentals of jazz dance, including its history and styles. It is designed for students with no dance experience and for experienced dancers wishing to perfect basic jazz dance skills. Jazz dance techniques are 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.

DAN 112. Modern Dance. 1 hour
This course introduces the fundamentals of modern dance and its history. It is designed for students with no dance experience as well as returning dance students. Students participate in movement studies and improvisations that deal with shape, space, time and energy, four main dance principles to encourage their creativity and individuality. Emphasis is on developing axial and locomotor skills, performing movement combinations, conditioning the body, and solving creative problems.

DAN 131. Social Dance. 0.5 hour
All activity courses examine techniques, rules and strategies and develop skills.

DAN 141. Tap Dance. 1 hour
This course introduces tap dance technique at the beginning level. Instruction focuses primarily on the rhythm tap style; however, other tap styles may also be included. Students practice fundamental tap dance skills; rhythms, including swing and Latin; syncopation; time steps; short combinations; and stylings. The course includes an introduction to the history and performance of tap dance.

Exercise and Sport Science

NOTES: All activity courses examine techniques, rules, and strategies and develop skills.

* offered ALSO as a varsity sport

** offered ONLY as a varsity sport

ESS 101. Education for Healthful Living. 2 hours
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.

ESS 110. CPR/First Aid. 1 hour

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 certification. Nominal fee.

ESS 111. Tennis*. 0.5 hour

This course will introduce the official singles and doubles games at the beginning level, will also providing an exercise program for those striving for a healthy lifetime activity. Students practice forehand and backhand strokes, serves, basic strategies, footwork, scoring, and court etiquette.

ESS 112. Volleyball*. 0.5 hour

Volleyball

ESS 114. Badminton. 0.5 hour

This course will introduce the official singles and doubles games at the beginning level as students practice basic strokes, footwork, strategies, rules, scoring, and court etiquette.

ESS 116. Basketball*. 0.5 hour

Basketball

ESS 117. Varsity Soccer. 0.5 hour

Varsity Soccer

ESS 119. Bowling. 0.5 hour

Bowling (nominal fee)

ESS 120. Baseball.** 0.5 hour

Varsity Baseball

ESS 121. Varsity Softball.** 0.5 hour

Varsity Softball

ESS 122. Weight Training. 0.5 hour

Weight training

ESS 123. Varsity Cross Country.** 0.5 hour

Varsity Cross Country

ESS 124. Track.** 0.5 hour

Varsity Track

ESS 126. Aerobics. 0.5 hour

Aerobics

ESS 127. Cross Training. 0.5 hour

Cross training

ESS 128. Tae Kwon Do. 0.5 hour

Beginning Tae Kwon Do (Nominal fee)

ESS 140. Golf. 0.5 hour

This course introduces 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.

ESS 141. Scuba. 0.5 hour

Scuba diving

ESS 142. Beach Volleyball. 0.5 hour

Beach volleyball

ESS 143. Open Water Paddling. 0.5 hour

Open water paddling

ESS 144. Rock Climbing. 0.5 hour

Rock climbing

ESS 145. Fitness Walking. 0.5 hour

Fitness walking

ESS 146. Varsity Swimming/Diving. 0.5 hour

Swimming and diving

ESS 147. Varsity Water Polo. 0.5 hour

Water polo

ESS 199. Individualized Physical Education. 0.5 hour

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.

ESS 222. Organization and Management of Sport. 3 hours

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.

ESS 225. Principles of Weight Training and Cross Training. 3 hours

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.

ESS 238. Observational Clinical Coursework 1. 1 hour

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 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 Education Program (ATEP).

ESS 239. Observational Clinical Coursework 2. 1 hour

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. Prerequisites: ESS 238 and consent of ATEP director.

ESS 303. Health. 3 hours

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 in alternate years.

ESS 304. Motor Learning and Control. 3 hours

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.

ESS 306. Nutrition. 3 hours

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. This course 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.

ESS 308. Care and Prevention of Athletic Injuries. 3 hours

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.

ESS 310. General Medicine and Pharmacology. 3 hours

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. This course 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.

ESS 320. Historical, Social, Cultural Foundations of Sport and P.E. 3 hours

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.

ESS 323. Sport Marketing and Sponsorship. 3 hours

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.

ESS 325. Advanced Personal Training. 3 hours

This is a National Council of Strength and Fitness (NCSF) approved course for those who want advanced personal training certification. Topics include functional anatomy; health and fitness screening and assessment; cardiovascular assessment and prescription; strength and power assessment and prescription; nutrition and weight management. Prerequisites: ESS 225 or consent of division chair.

ESS 326. Sport Operations and Facility Management. 3 hours

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.

ESS 338. Beginning Clinical Coursework 1. 1 hour

This non-classroom experiential course will introduce the principles of athletic training and required a significant amount of time to be spent in the everyday aspects of the athletic training clinic, designed to correspond with the first semester of the first year in the professional phase of the Athletic Training Education Program and will require a minimum of one hundred (100) hours on and off campus for the clinical component at a number of general medicine affiliate sites and local community colleges. A lab fee may be required. Prerequisites: ESS 238, 239, and acceptance into the Athletic Training Education Program.

ESS 339. Beginning Clinical Coursework 2. 1 hour

This non-classroom experiential course will introduce the principles of athletic training and requires a significant amount of time to be spent in the everyday aspects of the athletic training clinic, designed to correspond with the second semester of the first year in the professional phase of the Athletic Training Education Program and will require a minimum of one hundred (100) hours on and off campus for the clinical component at a number of general medicine affiliate sites and local community colleges. A lab fee may be required. Prerequisites: ESS 338 and consent of approved clinical instructor (ACI).

ESS 340. Elementary Physical Education. 3 hours

This is an instructional strategies course that will introduce students to movement and fitness education for children, including topics on the development and

use of games and music to aid in children's motor development, and the integration of the principles of motor learning, motor development, and physiology of movement.

ESS 348. Recognizing and Evaluating Athletic Injuries 1.

3 hours

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.

ESS 349. Recognizing and Evaluating Athletic Injuries 2.

3 hours

A theoretical and practical approach to injury assessment for the upper body, this course will use the systematic evaluation format, as governed by the 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.

ESS 350. Sport Law. 3 hours

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.

ESS 355. Individual Activities. 3 hours

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 in alternate years.

ESS 357. Team Activities. 3 hours

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 in alternate years.

ESS 358. Therapeutic Exercise. 3 hours

This course is 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, 247, ESS 308, or consent of division chair.

ESS 360. Principles of Coaching. 3 hours

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.

ESS 365. Sport Psychology. 3 hours

The role of psychomotor and cognitive factors in human 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.

ESS 368. Therapeutic Modalities. 3 hours

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, 247, ESS 308, or consent of division chair.

ESS 370. Adaptive Physical Education. 3 hours

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 in alternate years.

ESS 376. Physical Education Management. 3 hours

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 in alternate years.

ESS 388. Intermediate Clinical Coursework 1. 1 hour

This non-classroom experiential course will introduce the principles of athletic training and requires a significant amount of time to be spent in the practical aspects of daily athletic training clinic, designed to correspond with the first semester of the second year in the professional phase of the Athletic Training Program and will require a minimum of two hundred fifty (250) hours for the clinical component at an off-campus equipment-intensive affiliate site. A lab fee may be required. Prerequisites: ESS 338, 339 and consent of ATEP director.

ESS 389. Intermediate Clinical Coursework. 1 hour

This non-classroom experiential course will introduce the principles of athletic training and requires a significant amount of time to be spent in the practical aspects of daily athletic training clinic, designed to correspond with the second semester of the second year in the professional phase of the Athletic Training Education Program and will require a minimum of one hundred fifty (150) hours for the clinical component focusing on team activities. A lab fee may be required. Prerequisites: ESS 310 and 388 or concurrent enrollment in ESS 310 and consent of director of athletic training.

ESS 390. Practicum: ESS Sport Management. 3 hours

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 392. Practicum: ESS Teacher Education. 3 hours

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. Practicum: ESS Exercise Science. 3 hours

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. Practicum: ESS Coaching. 3 hours

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. Practicum: ESS Rehabilitation. 1-3 hours

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 406. Physiology of Exercise. 3 hours

This course applies the physiological principles to the study of human performance in exercise. Prerequisite: Bio 246 and 247.

ESS 407. Kinesiology. 3 hours

This course will study human movement with an emphasis on the biomechanics, structure and function of the skeletal, muscular, and nervous systems. Prerequisite: Bio 246.

ESS 408. Advanced Athletic Training. 3 hours

The theory and practice of advanced principles and techniques pertaining to the prevention and treatment of athletic injuries will be covered in this course along with advanced techniques of preventative taping and strapping being incorporated into the laboratory component. A lab fee may be required. Prerequisites: Bio 246, 247, and ESS 308 or consent of division chair.

ESS 410. Measurement and Evaluation of Exercise. 3 hours

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.

ESS 428. Athletic Training Administration. 3 hours

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.

ESS 438. Advanced Clinical Coursework 1. 1 hour

This non-classroom experiential course will introduce the principles of athletic training and requires a significant amount of time spent in the practical aspects of daily athletic training clinic, designed to correspond with the first semester of the third year of the professional phase of the Athletic Training Education Program and will require a minimum of one hundred

seventy-five (175) hours on and off campus focused on team activities for the clinical component. A lab fee may be required. Prerequisites: ESS 388, 389, and consent of director of athletic training.

ESS 439. Advanced Clinical Coursework 2. 1 hour

A non-classroom experiential course that will introduce the principles of athletic training and requires a significant amount of time to be spent in the practical aspects of daily athletic training clinic activity, designed to correspond with the second semester of the third year of the professional phase of the Athletic Training Education Program and will require a minimum of one hundred seventy-five (175) hours on and off campus focused on team activities for the clinical component and completion of the capstone project for program completion. A lab fee may be required. Prerequisites: ESS 438 and consent of director of athletic training.

ESS 490. Internship: ESS Sport Management. 1-8 hours

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 limit the maximum number of internship credit.

ESS 492. Internship: ESS Teacher Education. 1-8 hours

An intense practical part- or a 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 limit the maximum number of internship credit.

ESS 493. Internship: ESS Exercise Science. 1-8 hours

An intense practical part- or a 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 limit the maximum number of internship credit.

ESS 494. Internship: ESS Coaching. 1-8 hours

An intense practical part- or a 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 limit the maximum number of internship credit.

ESS 495. Internship: ESS Rehabilitation. 1-8 hours
An intense practical part- or a 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 limit the maximum number of internship credit.

Global Cultural Studies

GCS 201. Global Cultural Studies. 1 hour
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.

GCS 202. Understanding Other Cultures Anthropologically. 1 hour
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.

GCS 203. Cross-Cultural Communication Awareness. 1 hour
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.

GCS 301. Foundations of Language. 4 hours
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.

GCS 399. Practicum: Service Learning. 2 hours
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.

History

HST 201. Western Civilization 1: Beginning to 1648. 3 hours
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.

HST 202. Western Civilization 2: 1500 to the present. 3 hours
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.

HST 226. United States History. 3 hours
This is a survey course of the history of the U.S. from colonial times to the present, including the political, economic, social, and cultural development at each phase of the country's growth and progress. Phases of study will include colonization, independence, early nationhood, sectional strife culminating in the Civil War, reconstruction, economic expansion, prosperity, depression, imperialism, reforms, two world wars, and contemporary tensions.

HST 301. Eastern Civilization. 3 hours
A survey course of the major themes of the political and cultural history of the Eastern world from its origins until modern times, focusing 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.

HST 321. A History of Popular Culture. 3 hours
Basic theories and approaches to the scholarly study of significant popular movements and customs in modern western civilization will be presented in this course with special attention paid to the evolution of media and its

effect on group identity, especially American popular culture in the 20th century. Offered in alternate years.

HST 332. Ancient Greece and Rome. 3 hours

The 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.

HST 334. Medieval History. 3 hours

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 in alternate years.

HST 336. The Renaissance and the Reformation. 3 hours

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 in alternate years.

HST 338. Modern European History . 3 hours

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 in alternate years.

HST 341. Early Modern England. 3 hours

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 in alternate years.

HST 361. History of Propaganda and Persuasion. 3 hours

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 American, and product advertising in market economics. Offered in alternate years.

HST 371. Islamic Civilization. 3 hours

An introductory course into the lands, peoples, and cultures of the Middle East from antiquity to modern times, including 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 in alternate years.

HST 410. Mythology, Philosophy, and Theology. 3 hours

This course begins with the mythology of the Ancient Egyptians, the theology of the Hebrews, 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 shaped divergent world views today. It is recommended that Western Civilization 1 and 2 have previously been taken. Offered in alternate years.

HST 416. Contemporary Global Issues. 3 hours

Senior seminar course devoted to an in-depth examination of a major issue affecting the global community; exact topic of discussion being determined by the instructor each semester. Offered in alternate years.

HST 431. Women's History. 3 hours

This course begins with the early modern era in Europe, a period of heated debate about the woman question, and as an era of intense interaction between the peoples of many continents and nations by looking at the many ideas about women, the West, and culture which have their roots in this period of exchange, colonization, and struggle. Offered in alternate years.

HST 451. The Enlightenment. 3 hours

This course will focus on Europe and America in the 18th century through 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 in alternate years.

HST 478. History of California. 3 hours

The history of California from earliest times to the present with an emphasis on its Hispanic heritage will be the focus of this course.

HST 491. Advanced Topics in Social History. 3 hours

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 Showcase for Undergraduate Research.

Humanities

HUM 495. Senior Project (individualized study). 1 hour

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.

Interdisciplinary

INT 098. Close Advisement. 0.5 hour

This course is designed to equip students with numerous learning strategies to make studying and learning more efficient and effective. Each student will identify their learning style and strengths; learn to organize tasks and time; apply critical thinking concepts; acquire strategies for test and 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 a professor based on their academic needs.

INT 099. Commitment to Success. 0.5 hour

This course is designed to equip students with numerous learning strategies to make studying and learning more efficient and effective. Each student will identify their learning style and strengths; learn to organize tasks and time; apply critical thinking concepts; acquire strategies for test and note taking; and memorizing concepts. Enrollment is a year-long commitment and is limited to students in the Commitment to Success Program. The class meets during the first seven (7) weeks of each the fall term; following the first seven (7) weeks, students will meet with a professor based on their academic needs.

INT 100. Freshman Seminar. 2 hours

Seminars, workshops, and presentations to assist freshmen with the adjustment to college life in general and its social, interpersonal, and academic demands in particular will be the focus of this course, including life-long learning, student development, communication skills, computer skills, and multicultural awareness. Students will attend various campus events/activities and skill/career workshops. Students entering Concordia with fewer than twenty-four (24) semester units of college credit are required to take this course.

Languages: Aramaic

ARA 301. Aramaic. 3 hours

This course is a study of the morphology, vocabulary, and syntax of biblical Aramaic for reading Aramaic portions of the Hebrew Bible. Prerequisites: Heb 101 and 102 or equivalent with a grade of C- or better.

Languages: French

FRE 101. French 1. 4 hours

Through a natural approach to French, this course will emphasize speaking, listening, reading, and writing in French. Course is for students who have no or very little prior study of French.

FRE 102. French 2. 4 hours

Continuation of French 1. Prerequisite: Fre 101. Fulfills foreign language requirement.

Languages: German

GER 101. German 1. 4 hours

Through a natural approach to German, this course will emphasize the development of conversational skills, speaking, listening, reading, and writing in German. This course is designed for students who have had no or very little prior study of German or less than two years of high school German.

GER 102. German 2. 4 hours

A continuation of German I. Prerequisite: Ger 101 or two (2) years of high school German. Fulfills foreign language requirement.

Languages: Greek

GRE 101. Greek 1. 4 hours

This course will study the fundamentals of the ancient Greek language, including morphology, syntax, and vocabulary for reading simple passages of Greek prose.

GRE 102. Greek 2. 4 hours

A continuation of Greek 1. Prerequisite: Gre 101 or equivalent with a grade of C- or better.

GRE 211. Reading in Luke and Acts. 3 hours

This course will review and strengthen the Greek acquired in introductory classes. Readings from selected portions of Luke and Acts, special emphasis will be on both a review of basic vocabulary and grammar of the New Testament and upon the principles of syntax through Greek composition. Prerequisites: Gre 101 and 102 or equivalent with a grade of C- or better.

GRE 225. Readings from the Pericopes. 1 hour

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 through the weekly study of the pericopes for the following Sunday.

GRE 331. Extra-Biblical Readings. 3 hours

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 in alternate years.

GRE 341. Johannine Literature. 3 hours

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 in alternate years.

GRE 451. Pauline Literature. 3 hours

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 in alternate years.

Languages: Hebrew

HEB 101. Hebrew 1. 4 hours

This course is a study of the morphology, vocabulary, and syntax of biblical Hebrew for reading simple passages of the Hebrew Bible.

HEB 102. Hebrew 2. 4 hours

A continuation of Hebrew 1. Prerequisite: Heb 101 or equivalent with a grade of C- of better.

HEB 201. Readings in the Hebrew Bible. 3 hours

Through the reading of selected narrative, legal, and poetic passages of the Hebrew Bible, students will advance their translation skills through review and inductive study of morphology, vocabulary, and syntax with attention paid to genre analysis and textual criticism. Prerequisites: Hebrew 101 and 102 or equivalent with a grade of C- or better.

HEB 225. Readings from the Pericopes. 1 hours

Following the liturgical readings of the church year, this course is designed primarily for those who wish to maintain the ability to work with the text in its original language through weekly study of the pericope for the following Sunday.

Languages: Latin**LAT 101. Fundamentals of Latin 1.** 4 hours

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 in alternate years.

LAT 102. Fundamentals of Latin 2. 4 hours

A continuation of Latin 1. Prerequisite: Lat 101 or equivalent. Offered in alternate years.

Languages: Spanish**SPA 101. Spanish 1.** 4 hours

Through a natural approach to Spanish, this course will emphasize speaking, listening, reading, and writing. The course is taught in Spanish and is for students who have had no or less than two years of high school instruction.

SPA 102. Spanish 2. 4 hours

A continuation of Spanish 1. Prerequisite: Spa 101 or two (2) years of high school Spanish. Fulfills foreign language requirement.

SPA 201. Intermediate Spanish 1. 3 hours

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.

SPA 202. Intermediate Spanish 2. 3 hours

A continuation of Spa 201. Prerequisite: Spa 201 or equivalent.

SPA 301. Advanced Conversation. 3 hours

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.

SPA 302. Advanced Grammar/Reading. 3 hours

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.

SPA 311. Survey of Spanish Literature. 3 hours

This course will study representative works of literature of Spain from the Middle Ages to the present. Prerequisite: Spa 202. Offered in alternate years.

SPA 312. Survey of Spanish American Literature. 3 hours

This course will study representative works of Spanish-American literature from the Conquest to the present. Prerequisite: Spa 202. Offered in alternate years.

Mathematics

MTH 201. Principles of Mathematics. 3 hours

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.

MTH 211. The Nature of Mathematics. 3 hours

The goals of this course are developing a better perspective of mathematics and discovering the power of mathematical thinking, as students gain knowledge about the nature of mathematics and develop their analytical reasoning skills to solve problems, including number theory, probability and statistics, consumer mathematics, and general problem solving strategies with additional topics selected by the instructor. Writing, projects, and traditional methods of assessment will be used. Prerequisite: Intermediate Algebra or equivalent.

MTH 221. Nature of Business Mathematics. 3 hours

This course is designed for the business major and meets both general education requirements for math as well as preparing students for the analytical requirements of the business program. Students will gain knowledge about the nature of mathematics and develop analytical reasoning skills to solve problems, specifically ratio analysis, net present value, descriptive statistics, statistical influences in market research, investment option evaluations, and statistical sampling.

MTH 251. Pre-Calculus. 3 hours

A study of algebraic, logarithmic, exponential and trigonometric functions, conic sections, limits, and other selected topics will be included in this course with an emphasis on problem solving. Graphing calculator is required.

MTH 265. Introduction to Statistics. 3 hours

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.

MTH 271. Calculus 1. 5 hours

A study of 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.

MTH 272. Calculus 2. 5 hours

A continuation of Calculus 1, this course will include a study of integral calculus with an emphasis on the definite integral, transcendental functions along with applications, sums 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.

MTH 295. Mathematical Notation and Proof. 3 hours

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

counter-examples. Application will be made to a field of mathematics such as set theory, algebra, or geometry.

MTH 301. Mathematics for Teachers. 3 hours

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.

MTH 373. Calculus 3. 4 hours

A continuation of Calculus 2, 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.

MTH 376. Discrete Mathematics. 3 hours

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. Prerequisite: Mth 295 or approval of instructor. Offered in alternate years.

MTH 380. Modern Geometry. 3 hours

General study of deductive systems of geometry including Euclidean, projective, finite, and other non-Euclidean geometries. Prerequisite: Mth 295 or approval of instructor. Offered in alternate years.

MTH 387. Theory of Probability. 3 hours

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. Prerequisite: Mth 373 or approval of instructor. Offered in alternate years.

MTH 388. Mathematical Statistics. 3 hours

A continuation of Theory of Probability, 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 in alternate years.

MTH 420. Number Theory. 3 hours

This course provides a developmental study of natural numbers and the integers including mathematical induction, prime numbers, divisibility, congruence, Diophantine equations, and selected theorems and applications of Fermat, Wilson, Euler, Legendre, and Gauss as they relate to programs of today. Prerequisite: Mth 295 or approval of instructor. Offered in alternate years.

MTH 471. Linear Algebra. 3 hours

This course will study matrices, determinants, vector spaces, inner products, linear transformations, eigenvectors, including matrices, linear programming, difference equations, and other techniques from discrete mathematics. Prerequisite: Mth 373 or approval of instructor. Offered in alternate years.

MTH 473. Modern Algebra. 3 hours

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 or approval of instructor. Offered in alternate years.

MTH 484. Differential Equations. 3 hours

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 in alternate years.

MTH 489. Real Analysis. 3 hours

This course will introduce the topics of real analysis by studying the topology of R^n , continuity, differentiability, integration, and how 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 373 or consent of instructor. Offered in alternate years.

MTH 495. Topics in Mathematics. 3 hours

This capstone course will meet weekly to review major competencies in the math major, take group-wide assessments, and complete a written project including a presentation to a committee of peers and selected faculty. Prerequisite: mathematics major with senior standing.

Music

NOTE: A nominal fee may be charged for required field trips.

MUS 102. Music Fundamentals. 1.5 hours

An entry level course for general education students or those considering a music major that will provide an opportunity to develop sight reading skills and a fundamental knowledge of basic music theory.

MUS 111. Experiences in Music. 3 hours

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 (as indicated in the Master Course Schedule).

MUS 112. Music in the Liberal Arts. 3 hours

Through integrated reading, multimedia presentations, listening, writing, and concert attendance, students will engage with music in the context of history, style, literature, science, faith, sociology, and philosophy in this course. A class fee is required to cover the cost of concert attendance (as indicated in the Master Course Schedule).

MUS 201. Music Theory 1. 3 hours

As a beginning study of the craft of music for students with considerable musical experience, this course includes the study and application of scales, intervals, triads, rhythms, and elementary chord progression through analysis and writing. Co-requisite: normally taken concurrently with Mus 211. Recommended prerequisite: Mus 102 or other training in the fundamentals of musical notation.

MUS 202. Music Theory 2. 3 hours

As a continuation of Music Theory 1, this course will study non-harmonic tones, seventh chords, modulation, and basic musical forms through analysis and composition of four-part textures. Co-requisite: normally taken concurrently with Mus 212.

MUS 211. Aural Skills 1. 1 hour

This course will reinforce the material and experiences from Music Theory 1 through keyboard and dictation activities with an emphasis on the cultivation of musical sensitivity and responsiveness. Co-requisite: normally taken concurrently with Mus 201.

MUS 212. Aural Skills 2. 1 hour

A continuation of Aural Skills 1. Co-requisite: normally taken concurrently with Mus 202.

MUS 215. Music Technology. 1 hour

This course will introduce the electronic tools for music making including CD mastering, sequencing, recording, and score production. Offered in alternate years.

MUS 221. Beginning Conducting. 2 hours

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.

MUS 222. Intermediate Conducting. 2 hours

As a continuation of Beginning Conducting, 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.

MUS 261. Introduction to Music Teaching. 1 hour

An exploration course of 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 or 201 (or concurrent registration), or permission of instructor.

MUS 303. Music Theory 3. 3 hours

As a continuation of Music Theory 2 and Aural Skills 2, 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.

MUS 304. Music Theory 4. 3 hours

As a continuation of Music Theory 3, this course will study extended forms and melodic-harmonic formula characteristic of the 19th century; introduce techniques of the 20th century; and cultivate related notational and compositional skills. Prerequisite: Mus 303.

MUS 312. Brass Techniques. 1 hour

Basic techniques for playing, teaching, and maintaining brass instruments along with curricular concepts and materials for teaching beginning instrumentalists will be covered in this course. Prerequisites: considerable musical experience, preferably instrumental, and consent of instructor. Offered in alternate years.

MUS 313. Percussion Techniques. 1 hour

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 in alternate years.

MUS 314. Woodwind Techniques. 1 hour

Basic techniques for playing, teaching, and maintaining woodwind instruments will be covered in this course. Prerequisites: considerable musical experience, preferably instrumental, and consent of instructor. Offered in alternate years.

MUS 315. String Techniques. 1 hour

Basic techniques for playing, teaching, and maintaining string instruments will be covered in this course. Prerequisites: considerable musical experience, preferably instrumental, and consent of instructor. Offered in alternate years.

MUS 323. Aural Skills 3. 1 hour

A continuation of Aural Skills 2. Co-requisite: Mus 303.

MUS 324. Aural Skills 4. 1 hour

A continuation of Aural Skills 3. Co-requisite: Mus 304.

MUS 331. Music History: Antiquity to Bach. 3 hours

This survey course will look at the development of art music in Western history from ancient Greece to the time of J.S. Bach, including the relationship between secular and ecclesiastical music, vocal and instrumental music, and the social functions of music. Prerequisite:

Mus 202 or consent of instructor. Offered in alternate years.

MUS 332. Music History: Classical Period to Modernity. 3 hours

This survey course will look at the development of art music in Western history from the early classical period to the present, including the social functions of music, the relationship between secular and ecclesiastical music, and vocal and instrumental music. Prerequisite: Mus 202 or consent of instructor. Offered in alternate years.

MUS 382. Contemporary Worship Ensemble Leadership. 3 hours

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, the role and direction of a praise choir, organization, and spiritual leadership. Prerequisites: Thl 281 and 381 or consent of instructor. Offered in alternate years.

MUS 390. Practicum: Music Leadership. 0 hours

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. Practicum: Church Music. 1 hour

This is a supervised experience in leadership of campus worship music or preliminary field work in a Christian congregation. Taken in 0.5 unit increments.

MUS 401. Advanced Studies in Music. 0 hours

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 music history course.

MUS 402. Orchestration. 2 hours

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 history course, and one instrumental techniques course or equivalent experience. Offered in alternate years.

MUS 412. Instrumental Methods and Repertoire. 2-3 hours

This is an advanced instrumental music methods course focusing on repertoire, rehearsal management, advanced conducting issues and techniques, pedagogy, planning, and administration. Prerequisites: Mus 202 and 222 or consent of the instructor. Offered in alternate years.

MUS 441. Handbell Methods and Repertoire. 2-3 hours

This course will study the organizing and directing of handbell programs:

- * The one (1)-credit component includes a philosophy of handbell ringing, methods for beginning ringers, materials and equipment, recruitment, and handbell literature for school and church.
- * The two-credit course adds literature and methods for more advanced ringers, small ensembles and solos.
- * The three (3)-credit option adds work in composition and arranging for handbells as well as advanced conducting.

Prerequisites: experience with handbell ringing and familiarity with musical notation, and Mus 202 and 221 for the three (3)-unit course. Offered in alternate years.

MUS 451. Music Cultures of the World: Emerging Nations. 3 hours

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 a variety of folk, traditional, and art music of Latin America, Africa, India, North America, and contemporary mass media. Prerequisite: Mus 101 or equivalent knowledge and experience in music strongly encouraged. Offered in alternate years.

MUS 452. Music Cultures of the World: The Silk Road. 3 hours

Introduction to the discipline of ethnomusicology and of music as a universal cultural phenomenon, with exposure to the musical and social aspects of a variety of folk, traditional and art music of regions from Eastern Europe to Asia, including the Middle East, Southeast

Asia, Oceania, China, Japan, and Korea. Prerequisite: Mus 101 or equivalent knowledge and experience in music strongly encouraged. Offered in alternate years.

MUS 461. Music for Children. 2-3 hours

This course will allow students to identify, understand, and work with the music capabilities of children, including the following:

- * The one (1) unit option will study the approaches, activities, and materials for teaching music to children and the development of preschool through grade 8 general music curriculum.
- * The two (2)-unit option is available to multiple-subject teacher education candidates interested in incorporating music into the self-contained classroom as well as others interested in musical development of children.
- * The three (3)-unit option is required of music education majors and available to others interested in developing curricula and/or other special skills and projects.

Prerequisite: Mus 101, 102 or equivalent; basic music reading ability and musical experience recommended.

MUS 462. Music in Secondary Schools. 2 hours

This course will study the principles and practices for teaching music in secondary schools including philosophy, organization, curriculum development, and lesson-planning for general music, instrumental, and choral programs. 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 in alternate years.

MUS 471. Choral Methods and Repertoire. 3 hours

This is an advanced choral music methods course that will focus on choral repertoire, rehearsal management, advanced conducting techniques, vocal pedagogy, planning, and administration. Prerequisites: Mus 202 and 222 or consent of instructor. Offered in alternate years.

MUS/THL 482. Musical Heritage of the Church. 3 hours

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 in alternate years.

MUS/THL 483. A Survey of Christian Hymnody. 3 hours

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 in alternate years.

MUS/THL 484. Planning Music in Christian Worship. 2 hours

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. This course will also include an in-depth study of the church year that will serve as the framework for planning services appropriate for a Lutheran-Christian context. Prerequisite: Thl 382; Mus 331 or 482, 471, 481, 483 and 485 are also suggested. Offered in alternate years.

MUS/THL 485. Contemporary Christian Song. 2 hours

This is a survey course that 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. Also suggested are Mus 482 and 483.

MUS 490. Internship: Music. 1-6 hours

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.

MUS 491. Senior Field Work in Church Music 1. 6 hours

This is an extended supervised field work course in musical leadership in a Christian congregation. Prerequisite: completion of fingerprint registration which is a requirement for the Director of Parish Music program. Taken in three(3)-unit increments.

MUS 492. Senior Field Work in Church Music 2. 3 hours

A continuation of Senior Field Work in Church Music 1. Prerequisite: Mus 491.

MUS 498. Senior Project in Music. 2 hours

This course will satisfy the final requirements for a music major when church music, music theory, music history, ethnomusicology, or music education is the student's primary interest and may include the following: developing a curriculum and music activities for a school; directing an established music performing group; conducting research or field study, writing a composition, preparing a festival worship service, and/or leading music in a church under supervision. Prerequisite: approval of senior project application by the music faculty. See also Senior Project Guidelines available in the Music Office.

Music: Applied

NOTE: Instruction is offered for voice, piano, guitar, organ, handbells, and all standard orchestral instruments. See Music Department or registrar for registration forms. A surcharge (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrument codes (complete list available in the music office).

Mu___ 100. Private Instruction. 1-2 hours

Private Lessons

Mu___ 101. Classroom Instruction. 1 hour

Group instruction for beginning students available in voice, piano, guitar, or other orchestral/band instruments.

Mu___ 398. Junior Recital. 2 hours

An enhanced applied music course leading to formal performance of a half recital and replaces the normal applied music course for that instrument or voice in the semester taken. Prerequisite: level 300 standing in applied music in the same instrument or voice.

Mu___ 498. Senior Recital. 2 hours

This course will help students prepare for a recital in their primary performing medium (voice or instrument) and satisfies the final requirements for a music major with a performance emphasis. Prerequisite: approval of senior project application by the music faculty (see Senior Project Guidelines and Senior Recital Guidelines available in the music office).

Music: Ensemble

NOET: There may be an additional charge for required field trips or tours. All ensembles may be

repeated for credit, but only two (2) units will apply toward graduation except in the case of music major or minor students where additional credits are required.

MUE 234. The Concordia Choir. 1 hour

The Concordia Choir performs significant musical works of all eras for major concerts and tours as well as campus chapel and area church services and works on the development of advanced vocal techniques and musical skills. Membership is by audition.

MUE 236. Concordia Master Chorale. 1 hour

The Concordia Master Chorale is an adult group of singers from both the community and university, performing major choral works from all eras, often with instrumental accompaniment. Normally presents three programs per year. Membership is by audition.

MUE 238. Concordia Women's Ensemble. 1 hour

This ensemble performs significant musical works of all eras in concerts and church services on and off campus and works on the development of advanced vocal techniques and musical skills. Membership is by audition.

MUE 239. Concordia Men's Chorus. 1 hour

This chorus performs significant works of all eras in concerts and church services both on and off campus and works on the development of advanced vocal techniques and musical skills. Membership is by audition.

MUE 240. Elementary Handbells (Carillon Ringers). 1 hour

This is an introductory experience in handbell technique, note-reading, and performance of elementary literature. Membership is open to all students as space permits, no handbell experience required.

MUE 241. Intermediate Handbells (Chapel Bells). 1 hour

A non-concert handbell experience for students in the church music or music education emphasis, along with others who have extensive musical background. This course will include elementary repertoire leading to chapel performance, change-ringing, and other special applications along with small- and full-ensemble ringing and instrument maintenance. Prerequisite: music performance experience.

MUE 242. Spirit Bells. 1 hour

This group will focus on intermediate and advanced handbell techniques used in performing advanced literature on in concert, in area churches, on campus, and on tour. Membership is by audition and previous handbell experience expected.

MUE 243. Concert Handbells. 1 hour

This group will focus on significant five and six-octave handbell literature in major concerts, on tours, and campus events, and includes mastery of advanced techniques. Membership is by invitation only.

MUE 244. Handbell Quartet. 0.5 hour

This quartet is an intensive experience in small-ensemble handbell performance with possible off-campus travel. Membership is selected from ringers in one of the touring handbell ensembles.

MUE 251. Concordia Wind Orchestra. 1 hour

This orchestra will perform significant literature for winds and percussion in concerts, tours, and worship services, with an emphasis on the development of advanced ensemble playing techniques, musical perception, and music ministry. Membership is by audition.

MUE 252. String Ensemble / Sinfonietta. 1 hour

This ensemble will perform significant literature for strings in concerts and worship services, with an emphasis on the development of advanced ensemble playing techniques, musical perception, and music ministry. Membership is by audition.

MUE 253. Concordia Brass. 0.5 hour

This is a select ensemble of brass and percussion playing for special performances on and off campus. Membership is by invitation from among students registered in MuE 251.

MUE 254. Woodwind Ensemble. 0.5 hour

This is a select ensemble of woodwind instruments for special occasions on and off campus. Membership is by invitation from among students registered for MuE 251.

MUE 255. Jazz Combo. 0.5 hour

This combo provides an opportunity for advanced musicians to cultivate skills in jazz improvisation and performance. Membership is by audition.

MUE 256. Percussion Ensemble. 0.5 hour

This select ensemble of percussion students will play for special performances on and off campus. Membership is by invitation.

MUE 257. Jazz Ensemble. 0.5 hour

This ensemble will perform significant jazz literature for saxophones, trumpets, trombones, and rhythm section in concerts and events on and off campus, and will include the development of advanced ensemble playing techniques, musical perception, and improvisation is emphasized. Membership is by audition.

MUE 258. Flute Ensemble. 0.5 hour

This select ensemble of flute instruments will play for special occasions on and off campus. Membership is by invitation from among students registered for MuE 251.

MUE 281. Beginning Worship Ensemble. 0.5 hour

This ensemble is for more experienced musicians using standard music-industry techniques and approaches found in much of today's worship repertoire. Note: Students enrolled in this course may be invited to perform for campus worship at the discretion of the instructor.

MUE 282. Intermediate Worship Ensemble. 0.5 hour

This ensemble is for more experienced musicians using standard music-industry techniques and approaches found in much of today's worship repertoire. Membership is by audition and/or invitation from among students participating in campus worship bands.

MUE 284. Guitar Ensemble. 0.5 hour

This ensemble is made up of select guitar students for special performances on and off campus. Membership is by invitation from the guitar studio.

Philosophy**PHI 201. Critical Thinking.** 3 hours

This course will explore the theory and practice of rational inquiry in oral and written argumentation and examine reasoning via arguments from public policy, life choices, science, the arts, and/or the professions as students learn to clarify complexities, expose assumptions, evaluate sources, and articulate solutions. The elements of statement logic (including fallacies) will aid in deepening students' rhetorical and reasoning skills through researched writing. Prerequisite: Wrt 102 recommended.

PHI 211. Philosophical Ethics. 3 hours

An introductory course to philosophy through the study of major traditions of ethical reflection in the history of philosophy by studying Socrates, Plato, Aristotle, Kant, and Mill. This course will be used as part of the preparation of teams for ethics competitions. Offered in alternate years.

PHI 433. Philosophy of Religion. 3 hours

An 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. Prerequisite: Thl 101 or 371, CPhi 101 or 200 or Phi 211, or consent of instructor. Offered in alternate years.

PHI 439. Analytic Philosophy. 3 hours

An introductory course to contemporary western philosophy including 19th century background, the "early" and "later" Wittgenstein, G.E. Moore, B. Russell, and the "ordinary language" movement, including references to Christian respondents to the practitioners of this style of philosophy. Prerequisite: CPhi 101, 200, or Phi 211. Offered in alternate years.

PHI 467. Bioethics and Health Care Professions. 3 hours

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 ethics with special attention given to contemporary developments in both religious and philosophical ethics and the possibilities for dialog between philosophical theories, religious voices, and biblical ethics. All this will be closely tied to a range of concrete cases and narratives likely to be encountered by today's health care professionals.

Physics**PHY 211. Physics 1.** 4 hours

An introductory course to physics with an emphasis on classical mechanics, wave motion, and thermodynamics. Lab time is included in the schedule. Prerequisite: Consent of division chair.

PHY 212. Physics 2. 4 hours

As a continuation of Physics 1, this course emphasize electricity, magnetism, light, optics, and modern physics. Lab time is included in the schedule. Prerequisite: Phy 211.

Political Science

POL 304. International Relations. 3 hours

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.

POL 312. Constitutional Law. 3 hours

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. Using the case study method to introduce students to legal reasoning, topics will include controversial court decisions involving race, religion, gender, and limits of government authority.

POL 321. Political Thought 1: Ancient to Early Modern. 3 hours

This course will analyze the nuances and trace the development of western political thought from classical Greece to 17th century northern Europe with particular attention given to the big 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.

POL 322. Political Thought 2: The Enlightenment to Present. 3 hours

This course will analyze the nuances and trace the development, of western political thought from the early Enlightenment (17th century) to the present with particular attention given to the big 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.

POL 341. Early Modern England. 3 hours

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 in alternate years.

POL 412. Origins of the American Political System 1763-1803. 3 hours

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 focus 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 in alternate years.

POL 413. Religion and Politics in America. 3 hours

The role of religion in American public life will be examined in this course with a special emphasis on the interpretation and impact of the First Amendment and the concept of "separation of church and state" on religious and political life in the United States. Offered in alternate years.

POL 490. Internship: Political Thought. 1-8 hours

This course is an intense part- or full-time practical experience outside the classroom that is integral part of a professional program and 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 limit the maximum number of internship credit. Offered in alternate years.

Psychology

PSY 101. Introduction to Psychology. 3 hours

Concepts and principles pertinent to psychological processes of social behavior, development, motivation, sensation, perception, thinking and symbolic processes, learning, personality, and psychological disorders will be examined in this course.

PSY 202. Human Sexuality. 3 hours

This survey course will look at topic of human sexuality, with a foundation in Christian ethics guiding sexual conduct, and focus on the development of sexual behavior, including areas such as gender identity, sexual orientation, sexual anatomy, contraception, reproduction and birthing, sexually transmitted diseases, sexual dysfunctions, and the paraphilias.

PSY 261. Chemical Dependency and Addiction. 3 hours

An introductory course to the addictive behavior connected with alcoholism and drug use with the goal of teaching students to understand the biological and

psychological processes of addiction and the use of various interventive strategies in treatment.

PSY 313. Developmental Psychology: Childhood. 3 hours

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.

PSY 314. Developmental Psychology: Adolescence. 3 hours

This course is a study of 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.

PSY 315. Developmental Psychology: Adulthood and Aging. 3 hours

An introductory course to the major psychological and developmental issues concerning adulthood, aging, and the aging process, with the specific objectives of dispelling many of the myths and stereotypes about aging; examining the issues associated with the physical, psychological, cultural, and social aspects of aging; and giving student a better understanding of the grief process as it relates to the issues of adulthood and aging. Offered in alternate years.

PSY 320. Life Span Development. 3 hours

This course will focus on the development and change through the human life-span, including childhood, adolescence, adulthood, and ageing. Physical, social, communicative, emotional, and cognitive issues will be covered along with the expected milestones during each phase of development, looking at each individual's unique and multifaceted physiological, psychological, sociological, and spiritual dimensions.

PSY 340. Introduction to Biopsychology. 3 hours

This is an introductory course to the biological basis of behavior and 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.

PSY 345. Social Psychology. 3 hours

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. Prerequisite: BSc 296.

PSY 351. Personality Theory. 3 hours

This course will study personality through examination of those psychological systems which determine an individual's 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.)

PSY 361. Abnormal Psychology. 3 hours

An introductory course to the symptoms, causes, treatment, and prevention of psychopathology, including topics in anxiety disorders, personality disorders, psychophysiological disorders, psychoses, addictions, sexual deviations, and organic disorders. Prerequisite: Junior or senior standing or consent of instructor.

PSY 371. Cognition. 3 hours

A theoretical and research-based course that will investigate the mental processes that underlie perception, imagery, attention, memory, language, reading, reasoning, decision making, and problem solving.

PSY 381. Advanced Research Methods 1. 3 hours

In this course students will conduct original, empirical, and/or literature review-only research in 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.

PSY 382. Advanced Research Methods 2. 3 hours

A continuation of Advanced Research Methods 1.

PSY 390. Practicum: Psychology. 1-3 hours

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.

PSY 403. Health Psychology. 3 hours

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.

PSY 441. Clinical and Forensic Psychology. 3 hours

An overview of the field of clinical psychology, with a particular emphasis on its sub-discipline of forensic psychology; the application of clinical research and practice findings to legal cases where someone's mental status is one of the issues being adjudicated; e.g. competency to stand trial, insanity, dangerousness and other forensic questions. The course covers clinical psychology's history and current professional issues, psychological assessment, training, and ethical issues; emphasizing the role of the psychologist as an expert witness in court. Prerequisites: Psy 351 and 361; junior or senior standing.

PSY 466. Principles of Counseling. 3 hours

A foundation course providing an understanding of the content and process of counseling. Specific aspects of the counseling process addressed include: 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.

PSY 490. Internship: Psychology. 1-8 hours

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.

Science**SCI 103. Safety Seminar.** 1 hour

This course will provide an introduction to federal, state, and local regulations, material safety data suggestions, chemical hygiene plans, labels, equipment, spill response, and proper handling and disposal of chemicals as related to an academic laboratory.

SCI 115. Physical Science: Introduction to Chemistry and Physics. 4 hours

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 also be considered. Lab time is included in the schedule.

Prerequisites: Bio 101 or CBIO 101.

SCI 211. Geology. 3 hours

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-two weekend field trips may be required. Lab time is included in the schedule. Offered in alternate years.

SCI 231. Astronomy. 3 hours

This course will present a study of the earth, time, moon, sky, celestial mechanics, solar system, and the sidereal universe, including star formation and evolution, space-time, black holes, and galaxies. Labs time is included in the schedule and will study the laws of physics related to the optics of telescopes. Evenings in observation and a possible weekend field trip may be included. Offered in alternate years.

SCI 301. Earth Science. 3 hours

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.

Prerequisites: Bio 101 or CBIO 101 and Sci 115.

SCI 318. Ocean Science. 3 hours

This course will study the characteristics of the marine biotypes and physical characteristics; the organisms indigenous to each; physical, chemical, and biological parameters affecting the productivity of each biotype; the geological composition of the ocean floor, and air-sea interactions. Lab time is included in the schedule. Two weekend field trips are possible (Friday afternoon through Sunday). Prerequisites: Bio 101, 111 or CBIO 101 and Sci 115. Offered in alternate years.

SCI 390. Practicum: Science. 2 hours

SCI 455. History and Philosophy of Science. 3 hours
An 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.

Sociology

SOC 101. Introduction to Sociology. 3 hours
This course will analyze the topics of social interaction, social relationships, socialization, social deviance, social control, social institutions, social processes and social change, family and educational problems, child abuse, social deviance, crime and delinquency, and drug, alcohol and tobacco abuse.

SOC 229. Criminology. 3 hours
An introductory course to the scientific study of crime as a social phenomenon with a focus on how crime in our society is related to the collective aspects of human life.

SOC 316. Ethnic and Minority Relations. 3 hours
This course will analyze ethnicity in contemporary urban society including the relationship between subcultural communities and the larger society and examine the factors and processes in the formation of minority groups as well as strategies for changing dominant-minority patterns.

SOC 320. Social Stratification. 3 hours
This course will introduce the sources, functions, and dynamics of the unequal distribution of wealth, power, knowledge, and prestige in an historical, comparative perspective.

SOC 321. Social Problems. 3 hours
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 and political problems, urbanization and environmental problems, family and educational problems, child abuse, social deviance,

crime and delinquency, and drug, alcohol, and tobacco abuse.

SOC 325. Women and Gender Issues. 3 hours
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.

SOC 331. Marriage and the Family. 3 hours
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 with an emphasis on the changing nature of the family, family problems, and family strengths.

SOC 332. Child, Family and Community. 3 hours
An overview of the socialization process involving the young child in the larger cultural setting. Focus will be on social institutions as social agents including the family, the school, peer groups, mass media and community structures. Prerequisite: sophomore standing or above.

SOC 355. Social Gerontology. 3 hours
An introductory course to the study of aging from a sociological perspective with attention given to current research, problems faced by the elderly, the impact of an increasingly aged population on society, and the resulting implications for policy and social intervention. Offered in alternate years.

SOC 461. Social Theory. 3 hours
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 in alternate years.

Theatre

NOTE: There may be an additional charge for required field trips. A lab fee of \$50 is required for each design/technical course marked with an *

THR 111. Experiences in Theatre. 3 hours

An activity-oriented course 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 production work.

THR 141. Voice for the Actor. 1.5 hours

Through intensive training in the integral use of the voice, this course will develop skills for vocal relaxation, flexibility, strength, and use of the voice as a tool for communicating character and subtext.

THR 151. Movement for the Actor. 1.5 hours

Through Intensive training in the integral use of the body, this course will develop skills for physical relaxation, flexibility, and strength, and the use of the body as a tool for communicating character and subtext.

THR 201. Drafting and Color Media*. 3 hours

The use of drafting and drawing media as a communication tool in theatre will be examined in this course through hands- on projects and presentations. A lab fee of \$50 is required. Offered in alternate years.

THR 211. Computer Aided Design*. 3 hours

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 \$50 is required. Offered in alternate years.

THR 251. Introduction to Theatre. 3 hours

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. Field trips required.

THR 261. Acting 1. 3 hours

As an introduction to basic acting techniques, students will examine ways to construct the interior, physical, and vocal life of a character, learn warm-up procedures, and staging principles, including experiences in scene analysis, performance of monologues, and improvisations. Field trips may be included. Prerequisite: Thr 251 or consent of instructor.

THR 262. Acting 2. 3 hours

This 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 scenes; exercises based on the Meisner technique and other acting approaches. Field trips may be included. Prerequisite: Thr 261 or consent of instructor.

THR 311. Introduction to Technical Production*. 3 hours

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 and participation in on-campus production work required. A lab fee of \$50 is required for this course. Prerequisite: Thr 251 or consent of instructor.

THR 321. Introduction to Theatrical Design. 3 hours

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 production work required. A lab fee of \$50 is required. Prerequisite: Thr 251 or consent of instructor.

THR 323. Period Styles of Design*. 3 hours

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 of \$50 is required. Offered in alternate years.

THR 325. Scenic Design*. 3 hours

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 of \$50 is required. Offered in alternate years.

THR 327. Lighting and Sound Design*. 3 hours

This course will look at the designing of theatrical lighting and sound and the practical application of those designs to the stage. A lab fee of \$50 is required. Offered in alternate years.

THR 329. Costume Design*. 3 hours

Through the design of theatrical costumes and accessories expressed through color rendering, this course will include overview of the history of costume. A lab fee of \$50 is required. Offered in alternate years.

THR 330. Performance Studies and Readers Theatre. 3 hours

This course will provide an in-depth work in solo and group oral interpretation, including selection, adaptation, and presentation of readers theater programs for children and adults, including intercultural issues in performance, performing for religious audiences, and performance of non-fiction. Field trips are required. Offered in alternate years.

THR 351. Play Direction 1. 3 hours

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, including both the principles for proscenium and the open stage. Workshop scenes are presented and evaluated. Prerequisites: Thr 251, 261 and 262 or consent of instructor.

THR 371. Acting 3. 3 hours

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 methods of artistic criticism. Field trips are required. Prerequisite: THR 262 or consent of instructor.

THR 381. Acting in Musical Theatre. 3 hours

Exploration of the voice, movement, and acting skills necessary to perform in modern musical plays will be examined in this course as students participate in workshops, exercises, warm-ups, rehearsal procedures, and in-class solo and group performances. Prerequisite: THR 261 or consent of instructor. Offered in alternate years.

THR 390. Practicum: Theatre. 3 hours

A practical, hands-on learning experience where student will work on one or more theatre department productions. Earned in one (1)-unit increments.

THR 391. Practicum: Theatre (Non Major). 1-3 hours

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. Earned in one (1)-unit increments.

THR 441. Theatre and Culture 1. 3 hours

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. Field trips are required. Prerequisite: Thr 251 or consent of the instructor. Offered in alternate years.

THR 442. Theatre and Culture 2. 3 hours

As a continuation of Theatre and Culture 1, this course will examine the theatre of various cultures from the Renaissance to the present day. Prerequisite: Thr 251 or consent of instructor. Offered in alternate years.

THR 443. Contemporary Theatre and Culture. 3 hours

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. Offered in alternate years.

THR 445. Dramatic Theory and Criticism. 3 hours

This course will examine various theatre cultures, concentrating on theatrical text and performances written and produced within the past 60 years, including contemporary trends and styles. Offered in alternate years.

THR 451. Play Direction 2. 3 hours

As a continuation of Play Direction 1, students will deepen their knowledge and skills in the theory and practice of stage directing including director/designer collaboration; analysis of period style and genre with application to directors' choices; analysis of modern and contemporary theories of the stage; artistic direction and dramaturgy in the contemporary theatre. Workshop scenes are presented and evaluated. Field trips are required. Prerequisite: Thr 351 or consent of instructor.

THR 452. Advanced Script Analysis. 3 hours

As an advanced study of selected plays from the standpoint of the theatre artist (actor, director,

designer), students will look at the process of translating a dramatic text to theatrical production with an emphasis upon the techniques of perception, imagination, and integration used in developing a concept and determining specific performance and design choices with the practical application of analysis through projects and presentations. Offered in alternate years.

THR 461. Creative Drama and Improvisation. 3 hours
With an emphasis upon personal dramatic experience and drama as process instead of theatrical product, students 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.

THR 471. Acting 4. 3 hours
An advanced experiential course that will cover performance techniques and principles through in-class scene study of Greek tragedy and Comedy of Manners theatrical styles, including exercises, analytical skills, and rehearsal procedures. Field trips required. Prerequisites: Thr 251 and 261 or consent of instructor.

THR 498. Theatre Showcase. 3 hours
An advanced, thesis-style course that requires 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).

Theology

THL 101. Foundations of Christian Theology. 3 hours
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 (i.e., the nature and knowledge of God, Christology, justification, ecclesiology, eschatology, sacraments). Differing understandings of these teachings will be explored when appropriate, enabling students to understand and articulate the basic tenets of Christianity.

THL 201. History and Literature of the Old Testament. 3 hours

An historical and literary survey course of the Old Testament, with an emphasis on theological themes and their relevance for Christian faith and life.

THL 202. History and Literature of the New Testament. 3 hours

An historical and literary survey course of the New Testament, with an emphasis on theological themes and their relevance for Christian faith and life.

THL 222. Christian Witness and Evangelism. 1 hour
This course will introduce students to the theology and practice of Christian evangelism, developing the skills needed to share the Gospel to others.

THL 281. Introduction to Worship Arts. 1 hour
This course will provide an overview of the contemporary worship arts profession, 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 in alternate years.

THL 304. History of the Christian Church. 3 hours
This course will survey 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.

THL 311. Old Testament Book of the Bible. 3 hours
An in-depth study of a single book of the Bible or several smaller books in their entirety which will vary from offering to offering and be selected by the instructor. Prerequisite: Thl 201 or consent of instructor. This course may be repeated for credit if a different book is studied.

THL 312. New Testament Book of the Bible. 3 hours
An in-depth study of a single book of the Bible or several smaller books in their entirety which will vary from offering to offering and be selected by the instructor. Prerequisites: Thl 201 and 202 or consent of instructor. This course may be repeated for credit if a different book is studied.

THL 321. World Religions. 3 hours

A survey course of the world's major non-Christian religions including motifs, belief patterns, ritual and worship, ethics and social patterns, origin and development, and sacred writings.

THL 351. Patristic and Medieval Christianity. 3 hours

With an emphasis on the major themes in the history of medieval Christian thought, beginning with the church fathers, this course will look at the medieval thinkers, culminating with the work of St. Thomas. Offered in alternate years.

THL 355. The Reformation. 3 hours

An introductory course 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 "magisterial" and "radical" Protestant and Catholic reformations. Offered in alternate years.

THL 358. Contemporary Church History. 3 hours

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 time devoted to conservative responses. Offered in alternate years.

THL 371. Christian Doctrine 1. 3 hours

An introductory course in systematic and confessional theology covering 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.

THL 372. Christian Doctrine 2. 3 hours

An introductory course in systematic and confessional theology covering 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.

THL 375. Contemporary Religious Bodies in America. 3 hours

An introductory survey course of several major Western theological positions organized around the systems of Roman Catholicism, Luther, Calvin, and Wesley. Prerequisite: CThl 101, 201, Thl 101 or equivalent.

THL 381. Worship Arts Ministry. 3 hours

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 application of a theology of worship in cultivating a character of leadership. Prerequisite: Mus 281 or consent of instructor. Offered in alternate years.

THL 382. Corporate Worship. 3 hours

This course will examine the theology of corporate worship as it is taught in Scripture and the Lutheran Confessions, and in how it has developed throughout the history of the Church as the criteria for preparing and evaluating worship services in today's church are examined and applied. Prerequisite: CThl 101, 201, Thl 101 or equivalent.

THL 429. Biblical Theology and Exegesis. 3 hours

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. Prerequisites: Thl 201 and 202 or concurrent enrollment.

THL 430. Christian Apologetics. 3 hours

The relationship of the Christian faith to the major philosophies and ideologies that conflict with Christianity will be evaluated by the epistemological and ontological argumentations developed by Christian apologists in support of Scripture from the second century to the present in this course. Prerequisite: junior or senior standing or consent of instructor.

THL 463. Readings in Classical Christian Thought. 3 hours

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, 201, Thl 101, junior standing or consent of instructor.

THL 465. Christians and Ethics. 3 hours

Through an exploration of morality and ethics in light of what Scripture teaches, students will be oriented to the

main approaches, both traditional and contemporary, of non-biblical philosophical ethics as they learn how the Christian faith interacts with these approaches as the significance of the Lutheran confessional distinction between God's left and right hand rule is explored. Student research and presentation on contemporary ethical issues is usually included. Prerequisite: junior or senior standing or consent of instructor.

THL 467. Bioethics and Health Care Professions. 3 hours

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.

THL 481. The Mission of Christ's Church. 3 hours

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, developing the skills needed to share the Gospel to others. Offered in alternate years.

THL/MUS 482. Musical Heritage of the Church. 3 hours

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 in alternate years.

THL/MUS 483. A Survey of Christian Hymnody. 3 hours

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 in alternate years.

THL/MUS 484. Planning Music for Christian Worship. 2 hours

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. This course will also include an in-depth study of the church year that will serve as the framework for

planning services appropriate for a Lutheran-Christian context. Prerequisite: Thl 382; Mus 331 or 482, 471, 481, 483 and 485 are also suggested. Offered in alternate years.

THL/MUS 485. Contemporary Christian Song. 2 hours

This is a survey course that 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. Also suggested are Mus 482 and 483.

THL 489. Integrated Theology. 1 hour

This capstone course will guide students in gathering a portfolio of their theological proficiency, self-evaluation of that portfolio, and an assessment of their theological competency. Prerequisite: senior students in the theology or theological studies major.

Writing

WRT 102. Writing and Research. 3 hours

In this course students will practice research methods and a variety of writing strategies such as narration, description, exposition, and argumentation, and develop skills as critical thinkers, readers, and writers through research, reading, writing, and writer workshops.

WRT 201. The Art of the Essay. 3 hours

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.

WRT 323. Introduction to Genre and Craft in Creative Writing. 3 hours

As a multi-genre introduction to the craft of creative writing, students will examine literary conventions as well as the writing techniques and tools essential to effective writing and editing. Prerequisite: Wrt 102 or 201.

WRT 324. Writing for Children and Teenagers. 3 hours

As an introduction 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.

WRT 327. Creative Writing: Fiction. 3 hours
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. Prerequisites: Wrt 102 or 201; and Wrt 323. Offered in alternate years.

WRT 328. Creative Writing: Poetry. 3 hours
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. Prerequisites: Wrt 102 or 201; 323. Offered in alternate years.

WRT 329. Creative Nonfiction. 3 hours
This course will examine and discuss the art and craft of contemporary nonfiction, with practice in a variety of genres, and include market analysis techniques and the submission of work for publication. Prerequisite: Wrt 102 or 201.

WRT 330. Travel Writing. 3 hours
An intense creative nonfiction writing course combined 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.

WRT 333. Topics in Literature and Creative Writing. 3 hours
A focused exploration of genre and subject matter in a workshop setting, this course will include nature, travel, and experimental writing. This course may include travel. Class may be repeated for elective credit. Prerequisites: Wrt 102 or 201; Wrt 323. Offered in alternate years.

WRT 337. Writing for the Stage and Screen. 3 hours
An introductory course to the art of writing dramatic works through the exploration of dramatic writing

techniques through writing practice, close analysis of published works, and student workshops. Prerequisites: Wrt 102 or 201; Wrt 323. Offered in alternate years.

WRT 390. Practicum: Journalism Writing. 1-3 hours
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.

WRT 427. Advanced Creative Writing. 3 hours
This capstone course will provide student with an opportunity to write more intensively and extensively, creating new work and revising previously written work in a workshop setting. Prerequisites: students in the creative writing minor, Wrt 323 and two (2) of the following courses: Wrt 323 and two (2) of the following courses: Wrt 324, 327, 328, 329, 333, or 337. Offered in alternate years.

WRT 490. Internship: Journalism Writing. 1-6 hours
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.

Additional Educational Experiences

The following individualized courses are independently-arranged academic and practical experiences that are available to the student only with the approval of a division chair or program director. The discipline prefix, number, title, description, and credit units will be determined for each experience. Each experience must meet all academic standards of the institution.

_____. **Individualized Study.** __ hours

An arrangement between a student and the instructor to offer a course listed in the catalog at a time other than when it is normally offered. This arrangement is normally reserved for emergency situations and for transfer students unable to work courses offered every other year into their schedules. General education courses may not be taken by supervised study. Approval must be given by the dean of the appropriate school.

_____. **299/399. New Trial Course Offering.** __ hours
A course being developed and offered for the first time. The course will have the department's prefix code and,

depending on the appropriate level, a course number 299 or 399 will be approved.

_____ **390. Practicum Experience.** 1-3 hours

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.

_____ **490. Internship.** 3-8 hours

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.

_____ **499. Honors Course.** 1-3 hours

An educational experience reserved for students who have excelled in an academic discipline and who seek a challenging study and/or research experience beyond the scope of the curriculum. Students will typically suggest an area of interest and the instructor will assist in defining the parameters of the study, and will result in a significant paper describing the experience and its findings.

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Theological Seminary,
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M.S., Ph.D., University of
Nebraska, Lincoln

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China
M.A., Ph.D., University of
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Master of Science in
International Studies

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University, Fullerton

Resident Faculty in
Exercise and Sport
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M.A., University of North
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Wyman, Damian

M.A., California State
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Science in International
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Young, Michael E.

Ph.D., Washington
University, St. Louis, MO

Associate Professor of
Cell Biology