



**THIRTY-EIGHT  
ACADEMIC YEAR  
2013 - 2014**

The Concordia University Board of Regents operates Concordia University as an institution of higher education.

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

Correspondence regarding these policies should be addressed to:

Office of the Provost  
Concordia University  
1530 Concordia West  
Irvine, CA 92612

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

Executive Vice President and Provost  
Concordia University  
1530 Concordia West  
Irvine, CA 92612

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

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

#### **CONCORDIA UNIVERSITY CATALOG CONTRACT DISCLAIMER**

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

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

**DIRECT CORRESPONDENCE TO DEPARTMENTS LISTED IN THE INFORMATION DIRECTORY.**

## General Information

### ***Undergraduate Learning Outcomes***

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

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

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

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

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

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

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

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

### ***History of Concordia University***

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

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

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

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

### ***Location of the Campus***

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

Concordia is surrounded by civic and cultural opportunities, including museums, galleries, repertory theatres, orchestra, and choral groups. The metropolitan attractions of Los Angeles and San Diego are a one to two hour drive from the campus. The University of California at Irvine is only two miles away. The climate offers year-round recreational activities such as surfing, sailing, windsurfing, and tide pooling. Local mountains are within easy reach, offering hiking

and winter snow-skiing opportunities. Bicycling is popular in the area and the extensive bike trails connect the campus with shopping centers and the waterfront areas of Newport Beach. The Orange County Airport is only five miles from campus.

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

### ***Faculty, Administration and Staff***

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

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

### ***Physical Facilities***

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

### ***Library***

Concordia University's 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 inter-library 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 with the electronic catalog, online book collection, and research databases available 24 hours a day at [www.cui.edu/library](http://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](http://www.wasc.org) (WASC), 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 one hundred twenty-eight (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

### 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.

### 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 (1st) 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 (1st) 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 (2) 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.

## General Education Requirements (55-57 Units)

### Liberal Studies

#### Required courses:

ANT 210: Cultural Anthropology .....	3
ART 111: Experiences in Art .....	3
CBIO 101: Integrated Biology .....	4
CENG 201: World Literature to the Renaissance .....	3
CENG 202: World Literature from the Enlightenment .....	3
CHST 201: The West and the World .....	3
CHST 202: America and the World .....	3
CMTM 101: Nature of Mathematics .....	3
CPHI 101: Introduction to Philosophy .....	3
ESS 101: Education for Healthful Living .....	2
MUS 111: Experiences in Music .....	3
SCI 115: Physical Science: Introduction to Chemistry and Physics .....	4
SOC 101: Introduction to Sociology .....	3
THR 111: Experiences in Theatre .....	3

WRT 102: Writing and Research ..... 3

- NOTE: Students must take Ant 210 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

### 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 Biology ..... 4

CMTH 101: Nature of Mathematics ..... 3

The CEng/CHst pair not taken above (6 Units)

### 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 Inquiry ..... 3  
 CTHL 200: Introduction to Theological Thought ..... 3

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

CBIO 101: Integrated Biology ..... 4  
 CMTH 101: Nature of Mathematics ..... 3  
 CENG 201: World Literature to the Renaissance ..... 3  
 CENG 202: World Literature from the Enlightenment ..... 3  
 CHST 201: The West and the World ..... 3  
 CHST 202: America and the World ..... 3

#### Distribution Courses: (30-32 Units)

##### 1. Interdisciplinary (2 Units)

INT 100: Freshman Seminar ..... 2  
 NOTE: Only required of students entering the university as first-term freshmen.

##### 2. Theology (6 Units)

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

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

ESS 101: Education for Healthful Living ..... 2  
 ESS \_\_\_\_: Select two (2) different [0.5 or 1 unit] activity courses ..... 1-2

##### 4. Communication (3 Units)

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

##### 5. Performing and Visual Arts (3 Units)

Select 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 Thought 2: 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
PHY 231-H: Honors Astronomy: Introduction to Planetary Astronomy .....	4
SCI 115: Physical Science: Introduction to Chemistry and Physics .....	4

NOTE: Phy 231-H is for Honors students only; consent of the Honors Program director is required.

## 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

## 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 world language instruction in the same world language in high school. Bilingual students are exempt from this requirement.

J. [Complete Int 100 Freshman Seminar](#) if the student entered Concordia with fewer than twenty-four (24) semester units of university credit.

K. File an application for graduation form with the Registrar's Office by the dates [published in the Academic Calendar.](#)

L. Complete [payment of all fees and tuition](#) due Concordia.

M. Receive faculty approval.

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

## **Associate in Arts Degree for International Students**

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

The AA program requires students to complete at least 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 AA degree 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 Christ College and the Schools of Arts and Sciences, Business, Education, and Professional Studies, can be found in the Academic Programs link [here](#). The Teacher Credential Program Handbook and master's degree programs [are also available online](#).

## **Academic Policies**

### ***Academic Advising***

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

### ***Academic Honesty***

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

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

### ***Academic Probation and Disqualification***

A student having a semester grade point average (GPA) below 2.0 will be placed on probation for the following semester. Students on probation may register for no more than 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 only be granted by the appeal board. Each student is allowed one academic appeal.

### ***Assessment Program***

Student development is the focus of Concordia's mission. Therefore, achievement of the [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 their own attendance policy for the course.

## ***Concurrent Registration***

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

## ***Add-Drop-Changes: Non-Core Curriculum***

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

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

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

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

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

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

## ***Add-Drop-Changes: Core Curriculum***

A Core course, which may not be dropped, may be added and/or changed during the first two (2) weeks of the semester with consent of the academic advisor.

Full-time students are required to enroll in one (1) pair of Core courses each semester while at Concordia University until they have completed all of their Core course requirements.

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

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

Add/drop forms and additional information may be obtained in the Office of the Registrar.

### **Course Registration and Load**

To be considered full-time, an undergraduate student must be registered for a minimum of twelve (12) units each semester. However, an average of sixteen (16) units per semester is required to reach one hundred twenty-eight (128) units within eight (8) semesters or 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 (1) 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. Each semester a student wishes 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 course(s). In most cases, students taking more than eighteen (18) units per semester will be assessed an overload fee. Contact student accounts for more details.

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

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

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

### **Course Repeats**

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

### **Dean's List**

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

### **Grading System**

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

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.

## **I Incomplete**

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.

## **IP In Progress**

Assigned when an educational experience (e.g., student teaching, practicum, internship, etc.) is designed to extend beyond a single grading period. Students have one (1) calendar year to complete the requirements for the course. The calendar year begins on the first day of the semester the student enrolled in the course. The "IP" grade will default to the grade of "F" after the one (1)-year period.

## **P Passing**

Assigned when a course is graded on a Pass/Fail basis as opposed to a letter grade (A through D-). Since no grade points may be assigned for a "P" grade, the course will not affect the GPA but will be counted for credit. Only specific courses may be graded using this option

(i.e., TVIC 501-508, CEEd 490, ThI 390, Edu 400, all labs, etc.). A complete list of these courses may be obtained from the Office of the Registrar.

## **W Withdrawal**

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

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 for the specific course.

## **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 transfer students may be granted by petition to the honors program director and with appropriate faculty recommendations.

The Honors Program makes available a variety of courses and activities that enhance learning and challenge highly motivated students. Each semester sections of the general education curriculum, both required and elective courses, are identified in the schedule with honors credit with some restricted to honors students only. Honors sections provide depth as well as breadth in an academic area, thus challenging and motivating Concordia's best student scholars. Honors courses employ primary-source readings, a seminar or other format, collaborative activities, field trips, alternative assessment techniques, and/or an integrative approach to topics. Typically, honors students enjoy smaller class sizes to enhance learning. Focused research and writing activities can earn honors credit. Examples include the President's Academic Showcase for Undergraduate Research (with approval of the division/department chair and honors program director or respective dean) or approved study abroad or supervised study courses. Such honors endeavors provide close mentoring by professors and individualized, directed learning. To remain an honors student in good standing, students must maintain a cumulative GPA of 3.5 or higher.

Students in good standing who complete the requisite number of honors courses (which may include the program's honors credit for a successful year of a new-to-you language) receive recognition at graduation as Honors Associate or Honors Scholar. Honors Associates will successfully complete four to six (4-6) honors courses; Honors Scholars will successfully complete seven or more (7+) courses. Participation in the academic showcase competition at least **once** during their undergraduate career is highly recommended for students wishing to graduate as Honors Associates or Scholars.

### ***Individualized Study***

Students may apply for individualized study when a required course or honors course is not offered at an appropriate time. There are two (2) categories of individualized study:

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

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

No more than two (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 by completing the required units. The following rules apply with regard to major/minor relationships and multiple majors and emphases.

1. Each major must contain a minimum of 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 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.
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 (50%) of the major units in residence.

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

## ***Simultaneous Enrollment***

Students who wish to broaden their educational experience may enroll for one (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 one hundred twenty-eight (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 their official educational records, files, documents, and other materials which contain information directly related to them, and
2. challenge such records that are inaccurate, misleading or otherwise inappropriate.

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

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

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

## ***Study Abroad***

### **Office of Global Programs**

***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 student-exchange 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; 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 programs and through its disbursement of non-university financial aid to organizations sponsoring study abroad. Pre-approval of all course work and 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, please refer to [this page](#).

### ***Transcripts of Record***

Students may obtain an official transcript of their academic record by filing a written request with the Office of the Registrar. A fee, paid in advance, is charged for transcripts. Ten (10) working days should be allowed for processing and mailing of the transcript. Official transcripts will not be released until all fees have been paid. Transcripts from other academic institutions are the property of Concordia University and, as such, are under the control of the Office of the Registrar. Under federal policy, students have the right

to view the documents in their file; the university will not make copies of these documents. Transcripts submitted to Concordia University for admission or credit transfer become the property of Concordia University and will not be returned to students or forwarded to other institutions.

### ***Transfer Credit***

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

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

### ***Withdrawal from School***

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

## **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, realizing that individual worth is not always capable of expression in group-oriented settings. 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.

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. Students desiring admission to a post-baccalaureate, graduate, or adult degree program should consult the graduate degree information available at [www.cui.edu/academicprograms/graduate](http://www.cui.edu/academicprograms/graduate) or <http://www.cui.edu/academicprograms/adult-degree-programs>.

### ***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:

<b>English:</b>	four (4) years
<b>Mathematics:</b>	three (3) years including algebra 1, algebra 2 and geometry
<b>Science:</b>	three (3) years including at least two (2) years of laboratory science that includes at least two (2) of the following: biology, physics, chemistry
<b>Social Science:</b>	two (2) years
<b>Foreign Language:</b>	two (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 academic advising. Students are responsible for providing the Office of 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 the academic requirements for a degree. If an applicant needs additional assistance beyond what the university is able to offer and can obtain it through their 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 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 their junior year of high school. Applications are evaluated on a rolling basis. The following must be submitted to the Office of Admission to complete an application as a first-time freshman student:

1. University application form which is available from the Office of Admission or online at [www.cui.edu](http://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 Office of Admission. 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 Office of Admission or online at [www.cui.edu](http://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 (1) 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 students, of which a maximum of seventy (70) semester units may be transferred from an accredited community college. Concordia will accept grades of C- or better towards general education or elective credit. Only grades of C or better may be applied towards a major, minor, or to fulfill program requirements for graduation.

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 adviser 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 (5th) 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 Office of Admission. 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.
7. Final approval must be secured from the director of undergraduate admission or the director of graduate/adult admission, whichever is appropriate.
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 Office of Admission 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 and extracurricular growth and conduct. The decision for annual readmission is made at the end of the Spring semester, 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:
  - o academic disqualification.
  - o 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. Those who are seeking a degree, certificate, or credential on either a full-time or part-time basis including undergraduate, graduate, fifth-year, colloquy, or adult student. These students must apply for and be accepted to Concordia through the Office of Admission.
2. Non-degree students. These are students attending Concordia on a part-time basis who are not working toward a degree, certificate, or credential. These students must complete an application for non-degree course work through the Office of the Registrar before registering for classes. Credit for these courses cannot be applied toward a degree, certificate, or credential until these students have completed the application process through the Office of Admission.

## **Undergraduate Academic Calendar 2013-2014**

### **FALL SEMESTER 2013**

#### **August**

- 5 Faculty Workshops
- 6 Faculty Assessment Day
- 14-15 Faculty Retreat
- 16 Residence halls open for NEW students

- 16-18 Clearance and orientation for NEW students
- 18 Residence halls open for RETURNING students
- 18 Clearance for RETURNING students
- 19 Instruction begins
- 19 Opening service (10:30 am – CU Center)
- 23 Last day to ADD an undergraduate class without instructor approval
- 30 Last day to ADD an undergraduate class with instructor approval
- 30 Last day to DROP an undergraduate class without record of enrollment

#### **September**

- 2 Labor Day (no classes; offices closed)
- 3 Census Date
- 27 Deadline to apply for Fall 2013 undergraduate graduation
- 30 Advising appointments (thru November 8)

#### **October**

- 7-11 Mid-semester week
- 10-11 Mid-semester break for undergraduate classes (no classes)

#### **November**

- 8 Last day to WITHDRAW from an undergraduate class with a "W"
- 11-15 Spring 2014 priority registration
- 25-29 Thanksgiving break for undergraduate classes (no classes)
- 22-23 Thanksgiving holiday (no classes; offices closed)

#### **December**

- 6 First deadline to apply for Spring 2014 graduation
- 9-13 Final exams
- 15 Semester break begins (thru January 4, 2013)
- 17 Semester grades (Fall 2013) due in My Records
- 24-31 Christmas break (offices closed)

### **SPRING SEMESTER 2014**

#### **January**

- 1 New Year break (offices closed)
- 4 Clearance and orientation for NEW students
- 6 Instruction begins

- 10 Last day to ADD an undergraduate class without instructor approval
- 17 Last day to ADD an undergraduate class with instructor approval
- 17 Last day to DROP an undergraduate class without record of enrollment
- 20 Martin Luther King Day (no classes; offices closed)
- 21 Census Date

Professor C. J. Armstrong

TBD

## February

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

## March

- 3 Undergraduate classes resume
- 3 Advising appointments begin (thru April 4)

## April

- 4 Last day to WITHDRAW from a class with a "W"
- 7-11 Priority registration for Fall 2014
- 17-18 Easter break (offices closed 4/18)
- 21 Easter holiday (offices closed)
- 21 Classes after 4:00 p.m. will meet
- 28 Final exams (through May 2)

## May

- 2 Final exams
- 3 Commencement activities
- 6 Semester grades due (Spring 2013) in My Records

## June

- 13 Deadline to apply for Summer 2014 undergraduate graduation

## INTENSIVE COURSES 2015:

Bus/Sci 399	GeeWhizBiz 2: All Aboard with Railroad Science and Business	<b>3 Units</b>
	Professors John Kenney & George Wright	
Thl 399	The Church and the Third Reich	<b>3 Units</b>
	Professor David Loy	TBD
Hst 399	The Great Cities: Rome - The Eternal City	<b>3 Units</b>

# Tuition 2013—2014

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

	Summer '13	Fall '13/Spring '14
<b>Bachelor's Degree Students</b>		
• Application Fee (non-refundable)	\$50	\$50
• Tuition		\$14,500/semester
○ Tuition Deposit (required)		\$500
○ Part-time Tuition	\$200/unit	\$900/unit
○ Audit Tuition		\$390/unit
○ May Intensive Term	\$540/unit	
○ Study Tour Courses	\$360/unit	\$370/unit
• Music (Applied)		\$550/unit
• Student Service Fee		\$315/semester
<b>Fees</b>		
• Application (non-refundable)	\$50	\$50
• International Application Processing Fee (non-refundable)		\$150
• Student Service		\$315/semester
• Graduation		\$130
<b>Housing</b>		
• <b>Dormitory</b>		
○ Quads (Fall/Spring ONLY)		\$2750/semester
○ Sigma/Rho (Fall/Spring ONLY)		\$2550/semester
○ Reservation Fee (returning, traditional, undergraduates)		\$300 (non-refundable)
• <b>Summer</b>		
○ MAIS	\$215 a week	
○ Non-student employee	\$225/week	
	Students staying on campus during times that do not fall within Fall and/or Spring semesters will have to pay \$30/night.	
<b>Meal Plan</b>		
• 5/week		\$1155/semester
• 10/week		\$1760/semester
• 14/week		\$1915/semester
• 19/week		\$1975/semester
• <b>Summer</b>		
○ 75 meals	\$760	
○ 100 meals	\$830	
○ 125 meals	\$870	
<b>Adult Degree Programs</b>		
• Tuition	\$505/unit	\$505/unit
• Online (BA courses only)	\$200/unit	\$200/unit
• Internship Fee (Healthcare Administration)	\$350/per year	
<b>Nursing</b>		
• Accelerated 2 <sup>nd</sup> Degree BSN (ABSN)	\$675/unit	\$675/unit
• RN to BSN	\$480/unit	
• Lab Fee	\$90	\$370
• Skills Lab Fees		\$220
• Assessment Technologies Institute Fee		\$440
• Student Service Fee (ABSN only)		\$105/semester (3 semesters)
<b>Graduate/5<sup>th</sup> Year and Credential Students</b>		

• Director of Christian Education (DCE)			
○ Internship (flat rate)		\$6,070	
• Education: Credential			
○ Single/Multiple Subject/EdSP	\$530/unit	\$530/unit	
○ Master of Education (MEd)			
○ Single/Multiple Subject/EdSP	\$530/unit	\$530/unit	
○ Student Teaching Fee			
▪ 1) TPA Practicum-SB 2042 Program		\$220	
▪ 2) SB 2042 Program		\$320	
○ MA Education on-line	\$460/unit	\$460/unit	
○ Regional Education Cohorts	\$1380/class	\$1,380/class	
• MA Business Administration	\$750/unit	\$750/unit	
• MA Coaching and Athletic Administration		\$460/unit	\$460/unit
• MA International Studies (MAIS)		\$620/unit	\$620/unit
○ Virtual Private Network (VPN) Fee	\$200		
○ Summer Housing	\$215 a week		
○ 75 Meal plan	\$725		
○ On-campus health insurance	\$216		
• MA Theology		\$590/unit	\$590/unit
○ Cross-Cultural Ministry Center	\$590/unit	\$590/unit	
○ KINDLE articulation fee	\$50/unit	\$50/unit	
• Housing			
○ Housing Security Deposit	\$300	\$300	
○ Housing (dormitory)	Same as BA/BS Students		
• Application Fee (non-refundable)			
○ Domestic	\$50	\$50	
○ International Application Fee		\$150	
• Graduation Fee	\$140	\$140	

**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](http://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: registration, dropping or adding classes, grades, transcript requests, diploma, and 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 fees and costs.

## **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 [here](#). 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](http://www.fafsa.ed.gov). All students applying for need based aid (including federal and state aid) MUST complete a FAFSA. The FAFSA must be received by the federal processor on or before March 2 (received, not postmarked). Concordia University's federal school code is 013885.
- **California Grant Program:** California residents only must request their high school counselor to submit their GPA Verification Form, postmarked by March 2. Transfer students should request/submit this form to their last attended college.
- **Student Aid Report (SAR):** All FAFSA applicants will receive a Student Aid Report (SAR) summarizing the information reported on the FAFSA along with the calculated expected family contribution (EFC) toward educational costs. Check all the SAR information for accuracy. Make sure Concordia University is listed on the SAR. Make necessary corrections on the web.
- **Institutional Forms:** Students must complete and return applicable scholarship and activity award applications to the department or professor as indicated on the form (please refer to the checklist for listed forms).

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

### ***Awarding of Financial Aid***

Financial aid is awarded to eligible applicants after the following requirements have been fulfilled:

1. Acceptance for admission or readmission to Concordia University.
2. Completion of all application procedures including FAFSA.
3. Submission of all supporting or requested documents to the Financial Aid Office.
- 4.

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***

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.**

## Student Life

### *Spiritual Life*

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

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

The campus pastor is available for spiritual counseling.

## ***Student Activities and Leadership Development***

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

### ***Academic Support Services***

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

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

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

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. Go to [this page](#) for more information.

#### 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 [this page](#).

#### **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 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 at [this page](#) or contact Campus Safety by email at [campussafety@cu.edu](mailto:campussafety@cu.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](http://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](#).

## Christ College

Dean: Dr. Steven P. Mueller

## Academic Programs

### Undergraduate Majors

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

### Undergraduate Minors

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

### Master of Arts in Theology

### Master of Arts in Theology and Culture

### Ministry Programs

*Prof. Robert Rossow, Director of Ministerial Formation*

### Undergraduate Certification for The Lutheran Church—Missouri Synod

- Director of Christian Education  
*Dr. Carol McDaniel, Director*
- Director of Parish Music  
*Rev. Quinton Anderson, Director*
- Pre-Deaconess Studies  
*Rev. Quinton Anderson, Director*
- Pre-Seminary Studies  
*Rev. Quinton Anderson, Director*
- Lutheran Teaching Programs  
*Dr. Rebecca Peters, Director*

### Undergraduate Preparation for Christian Ministry

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

### Graduate and Post Baccalaureate Certification for The Lutheran Church—Missouri Synod

- Cross-Cultural Ministry Center (LCMS Pastoral Ministry Certification)  
*Prof. Robert Rossow and Prof. Glenn Fluegge, Directors*
- Director of Christian Education  
*Dr. Carol McDaniel, Director*
- Director of Parish Music  
*Dr. Carol McDaniel, Director*
- Lutheran Teaching Programs  
*Dr. Rebecca Peters, Director*

### Graduate and Post Baccalaureate Preparation for Christian Ministry

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

### Colloquy

*Dr. Rebecca Peters, Director*

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

### Learning Outcomes

#### Comprehension of Scripture

- Express an understanding of the language, contents, history, culture, and themes of the Bible.

#### Understanding of Doctrine

- Integrate and articulate biblical doctrine in systematic constructs.

#### Acquaintance with Other Theological Thought and Expression

- Accurately describe prominent religions, denominations, and philosophies of the past and present.

#### Engagement with Western Philosophy

- Articulate an understanding of Western philosophical history, classic texts, argument

analysis, and the interaction of philosophy with biblical faith, theology, and other thought systems.

**Development of Faith in Christ**

- Christian students shall articulate a personal faith in Christ that is well informed from a biblical perspective

**Mission-oriented Church Leadership**

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

<b>Clinton J. Armstrong</b> Asst. Professor of Theology & History	PhD	University of California, Irvine, 2012
<b>Scott A. Ashmon</b> Assoc. Professor of Old Testament and Hebrew	PhD	Hebrew Union College, Cincinnati, OH, 2010
<b>James V. Bachman</b> Professor of Philosophy	PhD	Florida State University, Tallahassee, 1986
<b>Carolina N. Barton</b> Asst. Professor of Library Science	MLIS	Simmons Graduate School of Library/ Information Science, Boston, MA, 1999
<b>Mark A. Brighton</b> Professor of Biblical Languages/Theology	PhD	University of California, Irvine, 2005
<b>Daniel R. Deen</b> Asst. Professor of Philosophy	PhD Cand	Florida State University, Tallahassee, FL, 2008
<b>Glenn K. Fluegge</b> Asst. Professor of Theology	PhD Cand	University of Pretoria, South Africa, 2009
<b>Adam D. Hensley</b> Asst. Professor of Theology	PhD Cand	Concordia Seminary, St. Louis, MO, 2000
<b>David W. Loy</b> Asst. Professor of Philosophy and Theology	PhD	St. Louis University, MO, 2003
<b>Jeffrey C. Mallinson</b> Assoc. Professor of Theology	DPhil	Oxford University, England, 2000
	ThD	Concordia Seminary, St.

<b>Michael P. Middendorf</b> Professor of Theology		Louis, MO, 1990
<b>Steven P. Mueller</b> Professor of Theology	PhD	Durham University, England, 1997
<b>Joel C. Oesch</b> Asst. Professor of Theology	MDiv	Yale University, New Haven, CT 2009
<b>Steven R. Parks</b> Asst. Professor of Theology	MDiv	Concordia Theological Seminary, Fort Wayne, IN, 2006
<b>W. Rod Rosenblatt</b> Professor of Theology	PhD	Université de Strasbourg, France, 1978
<b>Robert F. Rossow</b> Asst. Professor of Theology	PhD Cand	Capella University, Minneapolis, MN, 2009
<b>David L. Rueter</b> Asst. Professor of Christian Education	PhD	Talbot School of Theology, LaMirada, CA, 2011
<b>Mark W. Siegert</b> Resident Faculty in Theology	MA	Concordia University, Irvine, CA, 2011
<b>Dean M. Vieselmeyer</b> 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**  
**40 Units**

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



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

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

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

**Recommended Electives:**

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

**Theological Studies**

**48 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 .....	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 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

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

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

**OR**

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

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

PHI 211: Philosophical Ethics .....	3
PHI 433: Philosophy of Religion .....	3
PHI 439: Analytic Philosophy .....	3
THL 304: History of the Christian Church .....	3
THL 311: Old Testament Book of the Bible .....	3
THL 312: New Testament Book of the Bible .....	3
THL 355: The Reformation .....	3
THL 481: The Mission of Christ's Church .....	3

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

**Theology**

**39 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

**Philosophy**

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

**Historical Theology**

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: (6 units)

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

**Biblical Studies**

**21-23 Units**

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

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

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

OR

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

OR

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

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

## Christian Education Leadership

### 24 Units

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

NOTE: Education students should replace CEd 302 with Thl 429

CED 370: Children's and Family Ministry .....	3
CED 380: Youth and Family Ministry .....	3

CED 460: Adult Ministry .....	3
THL 371: Christian Doctrine 1 .....	3

THL 372: Christian Doctrine 2 .....	3
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Choose one (1) of the following courses: (3 units)

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

### 22 Units

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

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

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

GRE 211: Reading in Luke and Acts .....	3
GRE 331: Extra-Biblical Readings .....	3

GRE 341: Johannine Literature .....	3
GRE 451: Pauline Literature .....	3

## Missiology

### 22 Units

ANT 210: Cultural Anthropology .....	3
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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: (3 units)

COM 324: Intercultural Communication .....	3
MUS 451: Music Cultures of the World: Emerging Nations .....	3

MUS 452: Music Cultures of the World: The Silk Road .....	3
PHI 433: Philosophy of Religion .....	3

SOC 316: Ethnic and Minority Relations .....	3
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Choose one (1) of the following courses: (3 units)

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

## Philosophy

### 18 Units

CPHI 101: Introduction to Philosophy .....	3
or PHI 201: Critical Thinking .....	3

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

### 26-27 Units

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

MU___ 102-401: Applied Music Instruction .....	1
MUS/THL 482: Musical Heritage of the Church .....	3

MUS/THL 483: A Survey of Christian Hymnody .....	3
MUS/THL 484: Planning Music in Christian Worship .....	2

MUS/THL 485: Contemporary Christian Song .....	2
THL 281: Introduction to Worship Arts .....	1

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

THL 381: Worship Arts Ministry .....	3
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THL 382: Corporate Worship ..... 3

Choose a combination of courses below to equal two to three (2-3) units: (2-3 Units)

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

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

With Church Music emphasis in the Music Major.

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

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

ARTG 270: Digital Publishing ..... 3  
ARTG 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

### **Youth Ministry 18-21 Units**

CED 380: Youth and Family Ministry ..... 3  
CED 302: Methodology of Christian Teaching ..... 3  
PSY 314: Developmental Psychology: Adolescence ..... 3

NOTE: LCMS Church Vocation students choose two (2) of the following courses: (6 units)

CED 360: Group Dynamics ..... 3  
CED 370: Children's and Family Ministry ..... 3  
THL 311: Old Testament Book of the Bible ..... 3  
THL 312: New Testament Book of the Bible ..... 3  
THL 429: Biblical Theology and Exegesis ..... 3

NOTE: Students not in an LCMS Church Vocation take the following two (2) courses:

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

NOTE: Students not in an LCMS church vocation also take one (1) of the following courses: (3 units)

CED 360: Group Dynamics ..... 3  
CED 370: Children's and Family Ministry ..... 3  
THL 311: Old Testament Book of the Bible ..... 3  
THL 312: New Testament Book of the Bible ..... 3  
THL 429: Biblical Theology and Exegesis ..... 3

### **Christ College Programs**

#### **Ministry Programs**

*Prof. Robert Rossow, Director*

#### **Certification for Ministry in The Lutheran Church—Missouri Synod**

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

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

Christ College certificate programs are:

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

#### **LCMS Church Vocations Certification Requirements (all programs)**

A. Completion of relevant academic and professional programs.  
 B. The following courses are required of students in all of the LCMS church vocation programs:

- CCI 001-008 Seminar in Ministry (.5-2 units)  
*Taken each year during a semester not taking CCI 103, CCI 203, CCI 303, or CCI 403.*

CCI 103: Introduction to Ministry	1
CCI 203: Church Polity and Organizational Structure	1
CCI 303: Teaching the Faith	1
CCI 403: The Role of the Christian Professional	1
THL 201: History and Literature of the Old Testament	3
THL 202: History and Literature of the New Testament	3
THL 304: History of the Christian Church	3
THL 371: Christian Doctrine 1	3
THL 372: Christian Doctrine 2	3

## Director of Christian Education (DCE) Program

*Dr. Dvaid Rueter, Director*

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 ([See here for requirements](#)). 54-55

### B. Major Requirements: (40 Units)

NOET: The Christian Education Leadership major is required for all DCE students.

### C. Christ College Certificate Requirements: (see above) (21 Units)

([See here for requirements](#))

### D. Suggested Minors:

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

### E. Additional DCE Program Requirements: (9 Units)

CED 201: Introduction to Christian Education: Theory and Practice	3
CED 401: DCE Ministry Seminar/Field Work 1	3
CED 402: DCE Ministry Seminar/Field Work 2	3

### F. Internship: Post-Baccalaureate (12 Units)

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

#### International Internship

Christ College partners with The Lutheran Church--Missouri Synod (LCMS) World Missions to offer international internship opportunities for students in the Director of Christian Education (DCE) program. Students interested in such an international internship must place their request in writing to the DCE program director while enrolled in CEd 401 or earlier, if possible. The written request consists of a one to two (1-2) page essay indicating why the student is interested in an international internship; skills they believe they possess

to enable a successful international internship; and how they believe an international internship will support their future ministry as a DCE.

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

Only students who have an exemplary record at CUI will be considered for an international internship. Students must meet all Christ College and DCE academic program requirements. All members of the Christ College Church Vocations Council must be confident that the student will succeed in an international setting.

Students will enroll in CEd 490 for two (2) semesters and CEd 491 for the remaining one (1) or two (2) semesters of international internship. Students are responsible for three (3) semesters of internship tuition. Students on internship for twenty-four (24) months may pay CEd 491 tuition over two (2) semesters. Internship tuition and fees may increase to align with the cost of supervision.

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

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

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

### **G. DCE Post-Baccalaureate Certification**

DCE certification is designed for students who have obtained an undergraduate degree in a field unrelated to DCE ministry; have professional or volunteer experience in a congregation of The Lutheran Church--Missouri Synod (LCMS); and desire to serve as a DCE in the LCMS. Concordia offers two (2) means to DCE certification:

1. Students may complete the DCE post-baccalaureate certification program, taking 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**

*Dr. Carol R. McDaniel, Director*

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

## **Program Requirements**

### **A. General Education: (54-55 Units)**

Normally completed during the first two (2) years of attendance ([see here for requirements](#)). Students may, if placed by examination, substitute Mus 201 in the music major for the Mus 101 Fine Arts option in the general education.

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

([See here for requirements](#))

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

([See here for requirements](#))

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

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

Students must demonstrate the following skills before graduation:

MUKP 202: Piano .....  
or MUKO 102: Keyboard Improvisation .....  
and MUVO 100: Voice Class ..... 1-2  
or MUVO 101: Private Lessons: Voice ..... 1-2

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

*Dr. Rebecca Peters, Director*

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

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

For program specifics, please see [School of Education section](#).

### **Pre-Deaconess Studies Program**

*Rev. Quinton Anderson, Director*

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

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

### **Program Requirements**

#### **A. General Education: (54-55 Units)**

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

#### **B. Major Requirements:**

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

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

([See here for requirements](#))

#### **D. Additional Pre-Deaconess Program Requirements: (11 Units)**

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

#### **Highly Recommended:**

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

### **Pre-Seminary Studies Program**

*Rev. Quinton Anderson, Director*

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 program director for specific requirements and procedures for admission.

## Program Requirements

### A. General Education: (54-55 Units)

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

### B. Major Requirements: (34-36 Units)

Completion of any approved major.

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

([See here for requirements](#))

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

CPHI 101: Introduction to Philosophy .....	3
or PHI 201: Critical Thinking .....	3
or CPHI 200: Introduction to Philosophical Inquiry .....	3
GRE 101: Greek 1 .....	4
GRE 102: Greek 2 .....	4
HEB 101: Hebrew 1 .....	4
HEB 102: Hebrew 2 .....	4
THL 465: Christians and Ethics .....	3

### Highly Recommended:

ARA 301: Aramaic .....	3
CED 202: Church Leadership and Administration .....	3
CED 370: Children's and Family Ministry .....	3
CED 380: Youth and Family Ministry .....	3
CED 460: Adult Ministry .....	3
GRE 211: Reading in Luke and Acts .....	3
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 annually with the program director to discuss their personal, professional, intellectual, and spiritual growth for the pastoral ministry.

## Colloquy Program

*Dr. Rebecca Peters, Director*

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

*Director: 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 LCMS.
- a commitment to receiving a call within the LCMS.
- an increased desire to encourage others to consider and apply for the Ethnic Pastor Certification Program within the Cross-Cultural Ministry Center.

### **Preparation for Christian Ministry**

In parallel with the LCMS certification programs, Christ College welcomes Christian students from many different backgrounds and provides preparation for various Christian ministries. Christ College is prepared to cooperate with a variety of Christian congregations and groups in preparing students for ministerial work. Christian students may pursue undergraduate and graduate preparation for Christian ministry in the following areas:

- Children, Youth, and Family Ministry
- Christian Education
- Church Music and Worship Arts Leadership
- Pastoral Ministry



## School of Arts and Sciences

Dean: Dr. Timothy L. Preuss

The **School of Arts and Sciences** strives to educate its students within the multi-faceted context of the liberal arts. Firmly rooted in the Christian tradition of Concordia University, the School confidently and freely explores both the riches of the past and the knowledge of today. The School cultivates within all students a disciplined and coherent worldview to prepare them to be active and effective leaders in today's world. Along with Christ College, the School is responsible for the general education offerings of the university and monitors the courses, majors, minors, and professional programs through its different departments. All degrees in the School of Arts and Sciences are bachelor of arts degrees unless noted as a bachelor of science degree.

### Division of Exercise and Sport Science

*Dr. Curt Cattau, Chair*

- Graduate Program  
Master of Arts in Coaching and Athletic Administration  
*Prof. Tom White, Program Director*

### Division of Humanities

*Dr. Kerri Tom, Chair*

- Communication Studies Department  
*Dr. Martin Schramm, Chair*
- English Department  
*Dr. Kerri Tom, Chair*
- History and Political Thought Department  
*Dr. Daniel van Voorhis, Chair*

### Division of Mathematics and Natural Sciences

*Prof. Scott Gaines, Chair*

- Biology Department  
*Dr. Roderick Soper, Chair*
- Chemistry Department  
*Dr. John Kenney, Chair*
- Mathematics Department  
*Dr. Bret Taylor, Chair*

### Division of Performing and Visual Arts

*Dr. Jeffrey Held, Chair*

- Art Department  
*Prof. Niclas Kruger, Co-Chair*  
*Prof. Rachel Soo, Co-Chair*
- Music Department  
*Dr. Herbert Geisler, Chair*

- Theatre Department  
*Prof. Lori Siekmann, Chair*

### Division of Psychology and Behavioral Sciences

*Dr. Jennifer Cosgrove, Chair*

### Honors Program

*Dr. Susan Bachman*

## Division of Exercise and Sport Science

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.

<b>David B. Bireline</b> Resident Faculty in ESS	MEd	Seattle Pacific University, WA, 1987
<b>Curt W. Cattau</b> Professor of ESS	PhD	University of NM, Albuquerque, 2006
<b>David Cowan</b> Resident Faculty in ESS	MA	Azusa Pacific University, Azusa, CA, 1975
<b>Rhonda M. Haag</b> Asst. Professor in ESS	PhD	Purdue University, West Lafayette, IN, 2010
<b>James C. Kunau</b> Asst. Professor in MCAA	MA	American Graduate School of International Management, Glendale, AZ, 1986
<b>Timothy L. Preuss</b> Professor of ESS	PhD	University of Nebraska, Lincoln, 2000
<b>Jennifer L. Rizzo</b> Asst. Professor of ESS	PhD Cand	United States Sports Academy, Daphne, AL, 2011
<b>Belinda J. Sanchez</b> Resident Faculty in ESS	MS	California Baptist University, Riverside, 2010
<b>Kent A. Schlichtemeier</b> Professor in MCAA	EdD	University of California, Los Angeles, 1996
<b>Mary K. Scott</b> Professor of ESS	EdD	Pepperdine University, Malibu, CA, 1996
<b>Vance V. Tammen</b> Professor of ESS	PhD	University of Illinois, Urbana, 1996
<b>Thomas A. White</b> Resident Faculty in MCAA	MA	California State University, Fullerton, 1982

## Majors

### Athletic Training: Bachelor of Science Degree 63 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 338: Beginning Clinical Coursework 1 .....	2
ESS 339: Beginning Clinical Coursework 2 .....	2
ESS 348: Recognizing and Evaluating Athletic Injuries 1 .....	3
ESS 349: Recognizing and Evaluating Athletic Injuries 2 .....	3
ESS 358: Therapeutic Exercise .....	3
ESS 365: Sport Psychology .....	3
ESS 368: Therapeutic Modalities .....	3
ESS 388: Intermediate Clinical Coursework 1 .....	2
ESS 389: Intermediate Clinical Coursework .....	2
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 .....	2
ESS 439: Advanced Clinical Coursework 2 .....	2
ESS 410: Measurement and Evaluation of Exercise .....	3

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

#### 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

### 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 emphases:

#### 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

### Athletic Training Program

*Prof. Jennifer Rizzo, Director*

## **Admission Criteria**

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

All application materials must be turned in to the program director by the first week in April. Contact the program director of application information and materials.

Admission to the AT Program is based on a competitive system. Due to the nature of admittance, points are given and compared with other applicants. Acceptance is based on the following:

1. Application
2. Letters or recommendation
3. Average grade point average (GPA) of 2.75 during the observation phase
4. Skill acquisition during the observation phase
5. CPR (cardic pulmonary resuscitation) certification, professional rescuer or equivalent
6. Immunization review
7. Personal interview
8. Technical standards
9. Blood-borne pathogen training

## **Transfer Student Policy**

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

Students enrolled in a different major at CUI must also meet all prerequisites prior to submitting the AT Program application. All of the following must be completed prior to AT Program acceptance:

- 2.75 cumulative GPA
- Bio 101, General Biology 1 (transferable to CUI)

- Signed technical standards
- Physical (specific to AT Program)
- Immunization records
- Application
- Three letters of recommendation
- CPR (cardic pulmonary resuscitation) certification, professional rescuer or equivalent
- Personal Interview
- 100 observation hours

Concordia's AT Program is accredited by the [Commission on Accreditation of Athletic Training Education \(CAATE\)](#).

## **Technical Standards**

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

## **STANDARDS**

### **Observation:**

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

### **Communication:**

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

### **Motor and Sensory Function:**

The student must have sufficient postural and neuromuscular control, sensory function, and coordination to perform and elicit information from the patient examination. The student must be able to safely

and efficiently use equipment and materials during the assessment, treatment, and rehabilitation of patients. The student must be able to perform appropriate skills requiring the coordination of both fine and gross motor muscular movement and equilibrium.

**Intellectual Abilities:**

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

**Behavioral and Social Attributes:**

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

***Reasonable Accommodations***

The student must demonstrate the above skills and abilities with or without reasonable accommodations. Concordia University will provide reasonable accommodations to students to enable them to meet the technical standards.

Students seeking academic accommodations must provide medical documentation of their disability and comply with the procedures of Concordia University and the Disability and Learning Resource Center (DLRC). Failure to give notice or provide detailed information to the DLRC may result in the student's accommodations being delayed or their request being denied. DLRC policies are available at [www.cui.edu/dlrc](http://www.cui.edu/dlrc).

## Division of Humanities

### Communication Studies

Chairperson: Prof. Martin Schramm

**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

### 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

**Major  
Communication Studies:  
Bachelor of Arts Degree  
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 emphases:

**General Communication Studies**

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

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 and 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	3
COM 422: Studies in Public Relations	3

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

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

COM 211: Introduction to Argumentation and 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 and 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: (9 units)

COM 211: Introduction to Argumentation and Debate	3
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

Chairperson: 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.

<b>Susan O. Bachman</b> Professor of Rhetoric	PhD	Florida State University, Tallahassee, 1996
<b>Katharine F. M. Borst</b> Asst. Professor of English	MA	St. Louis University, MO, 1996
<b>Keith R. Garton</b> Resident Faculty in English	MA	California State University, Long Beach, 2009
<b>Thea Gavin</b> Professor of English	MFA	Spalding University, Louisville, KY, 2005
<b>Kurt J. Krueger</b> Professor of English	PhD	Indiana University of Pennsylvania, 1996
<b>Adam R. Lee</b> Asst. Professor of English	MA	University of St. Thomas, St. Paul, MN, 1994
<b>John J. Norton</b> Assoc. Professor of English	PhD	Sheffield Hallam University, UK, 2008
<b>Camelia Rahinaru</b> Resident Faculty in English	PhD	University of Florida, Gainesville, 2012
<b>Kristen A. Schmidt</b> Professor of English	MFA	Chapman University, Orange, CA , 2007

### **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

## Majors

### **English: Bachelor of Arts Degree 42 Units**

#### **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

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: (6 units)

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

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

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

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

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

### **Humanities and Fine Arts: Bachelor of Arts Degree 40-42 Units**

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



## 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 .....	3
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 ....	3
THL 321: World Religions .....	3
THR 251: Introduction to Theatre .....	3

### Emphasis: 18 Units

Choose one (1) of the following emphases:

#### Art

ART 200: Elements of Art .....	3
ART 201: Drawing 1 .....	3
ART 311: Art History 1 .....	3
or ART 312: Art History 2 .....	3
or ART 315: The History of Contemporary Art .....	3
ART 321: Painting 1 .....	3
ART 331: Sculpture 1 .....	3
or ART 341: Hand Building Ceramics 1 .....	3
ART 351: Printmaking 1 .....	3
NOTE: Art 311, Art 312, or Art 315 may be taken in the Art emphasis 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: (12 units)

COM 280: Theories of Human Communication .....	3
COM 321: Mass Communication .....	3
COM 412: Writing for the Broadcast Media .....	3
COM 451: Organizational Communication .....	3
COM 485: Communication Criticism .....	3

#### Creative Writing

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

Choose four (4) of the following courses: (12 units)

WRT 324: Writing for Children and Teenagers .....	3
WRT 327: Creative Writing: Fiction .....	3
WRT 328: Creative Writing: Poetry .....	3
WRT 329: Creative Nonfiction .....	3
WRT 333: Topics in Literature and Creative Writing .....	3
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: (9 units)

HST 226: United States History .....	3
HST 334: Medieval History .....	3
HST 336: The Renaissance and the Reformation .....	3
HST 338: Modern European History .....	3
HST 451: The Enlightenment .....	3

#### Literature

ENG 341: American Literature 1 .....	3
ENG 342: American Literature 2 .....	3
or ENG 362: English Literature 2 .....	3
ENG 361: English Literature 1 .....	3
ENG 380: Women's Literature .....	3
or ENG 382: Postcolonial Literature .....	3
or ENG 385: Modern and Contemporary Novel .....	3
or ENG 387: Modern and Contemporary Drama .....	3
ENG 441: Major American Writers .....	3
or ENG 461: Major English Writers .....	3
ENG 466: Shakespeare .....	3

NOTE: Students taking the Literature emphasis in the Humanities and Fine Arts major may not 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 .....	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 .....	3
POL 304: International Relations .....	3
or SOC 316: Ethnic and Minority Relations .....	3

### 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): (3 units)

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

#### Creative Writing

##### 18 Units

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

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

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

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

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: (3 units)

ENG 342: American Literature 2 .....	3
ENG 383: Modern and Contemporary Poetry .....	3
ENG 385: Modern and Contemporary Novel .....	3
ENG 387: Modern and Contemporary Drama .....	3

### English

### 18 Units

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

Choose one (1) of the following courses (not taken above): (3 units)

ENG 341: American Literature 1 .....	3
ENG 342: American Literature 2 .....	3
ENG 361: English Literature 1 .....	3
ENG 362: English Literature 2 .....	3
ENG 380: Women's Literature .....	3
ENG 382: Postcolonial Literature .....	3
ENG 383: Modern and Contemporary Poetry .....	3
ENG 385: Modern and Contemporary Novel .....	3
ENG 387: Modern and Contemporary Drama .....	3
ENG 389: Film as Literature .....	3
ENG 391: Childrens' Literature .....	3
ENG 441: Major American Writers .....	3
ENG 461: Major English Writers .....	3
ENG 466: Shakespeare .....	3

### Global Cultural Studies

##### 18 Units

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

ENG 386: Postmodern Novel .....	3
ENG 392: Epic Literature .....	3
GCS 201: Global Cultural Studies .....	1
GCS 202: Understanding Other Cultures Anthropologically ...	1
GCS 203: Cross-Cultural Communication Awareness .....	1
GCS 301: Foundations of Language .....	4
GCS 399: Service Learning Practicum .....	2
WRT 330: Travel Writing .....	3

### Spanish

##### 18 Units

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

Chairperson: 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 including the works specific to the course subject and having rigorous reading and writing expectations. A graduate with one of these majors will not only have a mind well filled, but well trained.

### Clinton J. Armstrong

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

### Jacqueline Y. Brown

Professor of History      PhD      Claremont McKenna College, CA, 2007

### Russell P. Dawn

Asst. Professor of History      DPhil      University of Oxford, UK, 2011

### Adam S. Francisco

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

### Eleanor Pettus

Asst. Professor of History      PhD cand      University of Notre Dame, IN, 2010

### Daniel R. van Voorhis

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

## Majors

### History and Political Thought:

### Bachelor of Arts Degree

**38 Units**

## 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

## 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: With approval from the department chair and dean of the school, a world language other than Lat 101 and 102 may be substituted.	

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

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

Choose four (4) of the following courses: (12 units)

HST 226: United States History .....	3
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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:  
Bachelor of Arts Degree  
46-49 Units**

ANT 241: (Field) Anthropology for Travelers .....	3
COM 324: Intercultural Communication .....	3
HST 416: Contemporary Global Issues .....	3
POL 304: International Relations .....	3

**World Language (7-10 units)**

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

**Study Abroad Courses (12 units)**

NOTE: Study abroad courses will be determined in association with the selected study abroad program.

**Fine Arts**

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

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 .....	3
MUS 451: Music Cultures of the World: Emerging Nations .....	3
or MUS 452: Music Cultures of the World: The Silk Road .....	3
THR 441: Theatre and Culture 1 .....	3
THR 442: Theatre and Culture 2 .....	3

**History**

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

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

NOTE: Students cannot take Hst 202, Hst 301, or Hst 371 as a general education requirement.

**Social Science**

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

ANT 364: Culture and Self .....	3
ANT 435: Anthropology of Religion .....	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 requires. 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 will be the responsibility of the student. Additional expenses for travel, meals, housing, etc., may be incurred. For more information please refer to [this page](#).

**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: (6 units)

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 units)

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

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

Choose four (4) of the following courses: (12 units)

HST 321: A History of Popular Culture .....	3
HST 332: Ancient Greece and Rome .....	3
HST 334: Medieval History .....	3
HST 336: The Renaissance and the Reformation .....	3
HST 338: Modern European History .....	3
HST 361: History of Propaganda and Persuasion .....	3
HST 371: Islamic Civilization .....	3
HST 410: Mythology, Philosophy, and Theology .....	3
HST 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

### Program Requirements

#### A. General Education: (54-55 Units)

Normally completed during the first two (2) years of attendance ([Ssee here for requirements](#)).

#### B. Major Requirements:

Completion of any approved major.

#### C. Program Requirements:

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

#### D. Additional Information:

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

## ***Division of Mathematics and Natural Science***

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

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

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

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

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

**Kenneth R. Clavir**  
Asst. Professor of Mathematics MAEd Concordia University, Irvine, CA, 2004

**Amanda J. Croll**  
Asst. Professor of Mathematics PhD University of Nebraska, Lincoln, 2013

**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**  
Professor 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**  
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

## **Biology**

Chairperson: Dr. Roderick Soper

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

### ***Learning Outcomes***

- Demonstrate competency in written and oral communication
- Demonstrate competency of content in genetics and cell, molecular, and organismal biology
- Apply appropriate mathematical and statistical analysis to data
- Read, analyze, and critique primary scientific literature

- Demonstrate competency in basic scientific laboratory techniques
- Articulate a Christian worldview from a Lutheran perspective on various scientific topics

## Majors

### Biology: Bachelor of Arts Degree 45-55 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

#### 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 emphases:

#### 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: (7-8 units)

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 .....	4
PHY 211: Physics 1 .....	4

NOTE: Che 421 is for students planning to attend medical school  
ESS 406 is for students planning to attend physical therapy school

### 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 (28-32 Units)

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

Choose four (4) of the following courses: (14-16 units)

BIO 246: Human Anatomy and Physiology 1 .....	4
BIO 247: Human Anatomy and Physiology 2 .....	4
BIO 308: Genetics .....	4
BIO 317: Ecology .....	3
BIO 341: Plant Biology .....	4
BIO 345: Evolutionary Zoology .....	4
BIO 350: Molecular and Cellular Biology .....	4
BIO 351: General Microbiology .....	4
BIO 496: Research in Biology .....	4
SCI 455: History and Philosophy of Science .....	3

## Chemistry

Chairperson: Dr. John Kenney

### Chemistry Programs

#### **Medical Science Professions Program**

#### **Pre-Physical Therapy Program**

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.

## Majors

### **Chemistry: Bachelor of Arts Degree**

**50 Units**

### **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

### Core: (37 Units)

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

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

### Emphasis: (13 Units)

Choose one (1) of the following emphases:

#### 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 the Secondary Teacher .....	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

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:

- CHE 357: Inorganic Chemistry
- CHE 431: Physical Chemistry 1
- CHE 496: Research in Chemistry

#### 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 ([See here for requirements](#)).

#### B. Major Requirement:

Completion of any approved major, normally biology with a medical science emphasis. A student planning 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)

NOTE: Seventeen (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

NOTE: taking Psy 361 and one (1) developmental psychology course is recommended

## E. Additional Information:

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

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

## 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 ([See here for requirements](#)).

## B. Major Requirement:

Completion of any approved major, normally the biology major with the medical science emphasis or ESS major with the rehabilitation emphasis is suggested. Graduate physical therapy programs (either a masters or doctorate degree in physical therapy) do not require completion of the biology major. If a major other than biology is chosen, it is suggested that the pre-physical therapy program requirements be completed to better prepare students for most graduate programs in physical therapy.

## C. Additional Course Requirements:

49 units - 14 units over a *biology*\* major with a medical science emphasis.

NOTE: 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 221: Chemistry 1 (should be taken in general education) .....	4
CHE 222: Chemistry 2 .....	4
ESS 406: Physiology of Exercise .....	3
MTH 265: Introduction to Statistics .....	3
PHY 211: Physics 1 .....	4
PHY 212: Physics 2 .....	4
PSY 101: Introduction to Psychology .....	3
PSY 314: Developmental Psychology: Adolescence .....	3
or PSY 315: Developmental Psychology: Adulthood and Aging .....	3
or PSY 361: Abnormal Psychology .....	3

NOTE: Bio 111\*, Bio 112\*, Bio 246\*, Bio 247\*, Che 221\*, Che 222\*, ESS 406\*, Phy 211\*, Phy 212\*, Bio 351\*, and 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 .....	3
or PSY 361: Abnormal Psychology .....	3

## Medical Terminology (1-2 Units)

(not presently offered at Concordia)

NOTE: taking Psy 361 and one (1) developmental psychology course is recommended

## E. Additional Information:

Most graduate 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, Bio 350, ESS 304, ESS 310, ESS 358, ESS 368, and Psy 340) are recommended to give students an opportunity to further strengthen their application.

## Mathematics

Chairperson: 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: Bachelor of Arts Degree 44 Units

### Learning Outcomes

- 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 (e.g., visualization/graphs, symbolic notations, numerical data)

- Clearly communicate mathematical concepts, vocabulary, and notation

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 (Individualized Study) .....	1.5
MTH 496: Topics in Mathematics: Final Research and Presentation (Individualized Study) .....	1.5

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

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

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: (5-7 units)

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

## Division of Performing and Visual Arts

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

### Art

Chairperson: Prof. Niclas Kruger & Prof. Rachel Soo

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

**Rachel C. Hayes**  
Asst. 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

### 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.

## Majors

### Art: Bachelor of Arts Degree 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: (3 units)

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 emphases:

##### Art Education

ART 315: The History of Contemporary Art .....	3
ART 380: Secondary Art Curriculum and Methods .....	3
ART 391: Art in the Schools .....	3
ART 498: Senior Art Seminar .....	3

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

ART 401: Figure Drawing .....	3
ART 421: Painting 2 .....	3
ART 431: Sculpture 2 .....	3
ART 441: Hand Building Ceramics 2 .....	3
ART 451: Printmaking 2 .....	3
ARTG 471: Video Art .....	3
ARTG 481: Digital Photography .....	3

##### Graphic Design

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

## Studio Art

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

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

ART 431: Sculpture 2 .....	3
ART 441: Hand Building Ceramics 2 .....	3
ART 451: Printmaking 2 .....	3
ARTG 471: Video Art .....	3
ARTG 481: Digital Photography .....	3

## Graphic Design: Bachelor of Arts Degree 54 Units

### 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 designs
- Create imagery that utilizes studio art and digital illustrations
- Write creative briefs that communicate design ideas and expectations

### Foundation: (15 Units)

ART 200: Elements of Art .....	3
ART 201: Drawing 1 .....	3
ART 251: Design .....	3
ART 315: The History of Contemporary Art .....	3
ART 321: Painting 1 .....	3

### Core: (39 Units)

ARTG 261: Graphic Design 1 .....	3
ARTG 270: Digital Publishing .....	3
ARTG 271: Digital Image Manipulation .....	3
ARTG 272: Digital Illustration .....	3
ARTG 300: History of Graphic Design .....	3
ARTG 360: Typography 1 .....	3
ARTG 361: Graphic Design 2 .....	3
ARTG 460: Typography 2 .....	3
ARTG 461: Graphic Design 3 .....	3
ARTG 472: Web Design 1 .....	3
ARTG 473: Motion Graphics .....	3
ARTG 482: Web Design 2 .....	3

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

ART 351: Printmaking 1 .....	3
ARTG 390: Graphic Design Practicum .....	3
ARTG 471: Video Art .....	3
ARTG 481: Digital Photography .....	3
ARTG 490: Internship: Graphic Art .....	
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: (3 units)

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

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

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: (6 units)

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

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

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

## Music

Chairperson: Dr. Marin Jacobson, Academic Chair

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

**Michael L. Busch** DMA University of Colorado,  
Boulder, 1999

Professor of Music

**Herbert G. Geisler, Jr.**  
Professor of Music

PhD University of Michigan, Ann Arbor, 1990

**Jeffrey M. Held**  
Assoc. Professor of Music

DMA Boston University, MA, 2012

**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

### Learning Outcomes

- *Practical Musicianship*
  - Develop musical skills that reflect competent applications of the materials and conventions of music. (Specialized Knowledge)
- *Performance Musicianship*
  - Generate musical performances which are technically adept, stylistically appropriate, accurate, and artistic. (Specialized Knowledge)
- *Leadership and Collaboration*
  - Lead and collaborate with others to produce musical works and activities. (Specialized Knowledge)
- *Critical Thinking*
  - Interpret, analyze, and evaluate musical works and performances. (Informed and Responsive Citizenship)
- *Contextualization*
  - Evaluate the significance of music in various contexts (e.g., social, historical, ritual, cultural). (Written Communication)

## Majors

**Music: Bachelor of Arts Degree**  
**54-56 Units**

### Learning Outcomes

#### Practical Musicianship

- Develop musical skills that reflect competent applications of the materials and conventions of music

#### Performance Musicianship

- Generate musical performances which are technically adept, stylistically appropriate, accurate, and artistic

#### Leadership and Collaboration

- Lead and collaborate with others to produce musical works and activities

#### Critical Thinking

- Interpret, analyze, and evaluate musical works and performances

#### Contextualization

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

### Core: (35-36 Units)

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

### Performance (9+ units)

MU ____: Applied Music .....	5+
MuE ____: Ensemble .....	4

NOTE: Four (4) units of ensemble are counted toward graduation within the major, but each music major MUST participate in at least one (1) ensemble each term of attendance; two (2) ensembles are encouraged. Additional units may be petitioned against general electives as described in the General Catalog.

Every semester on a principal instrument at least to Level 401.

### Piano Competence (9+ units)

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, one (1) semester of applied voice lessons, or participate for at least one (1) year in a department choral ensemble.

## Senior Recital or Project (2-3 units)

Mu\_\_\_ 498: Senior Recital .....2

or MUS 498: Senior Project in Music .....2

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.

## Emphasis: (20 Units)

Choose one (1) of the following emphases:

### Church Music

This **Church Music emphasis** is intended for students preparing for careers in music leadership in churches. Director of Parish Music certification is optional and requires additional units; consult Christ College.

MUS 222: Intermediate Conducting .....2

MUS/THL 482: Musical Heritage of the Church .....3

MUS/THL 483: A Survey of Christian Hymnody .....3

MUS/THL 484: Planning Music in Christian Worship .....2

THL 382: Corporate Worship .....3

Choose a combination of courses below to equal seven (7) units: (7 Units)

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

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 (3 units)

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

MU \_\_\_\_: Applied Music: Composition .....3

MU \_\_\_\_: Applied Music: Secondary Instrument or Techniques .....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 (3 Units)

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/THL 482: Musical Heritage of the Church .....3

MUS/THL 483: A Survey of Christian Hymnody .....3

## Methodology and Leadership (3 units)

Choose a minimum of 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/THL 484: Planning Music in Christian Worship .....2

- 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 (CSET) in music. Completing a single subject teaching credential (K-12) in the state of California is optional and requires additional units in and application to the School of Education. Up to 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 .....	3
MUS 461: Music for Children .....	2-3
MUS 462: Music in Secondary Schools .....	2

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

NOTE: A secondary instrument may be substituted for one (1) 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 combination of courses below to equal a minimum of five (5) units: (5 units)

MUS 215: Music Technology .....	1
MUS 402: Orchestration .....	2
MUS 412: Instrumental Methods and Repertoire .....	2-3
MUS 441: Handbell Methods and Repertoire .....	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 a combination of one to three (1-3) courses below: (3-9 units)

MUS 331: Music History: Antiquity to Bach .....	3
MUS 332: Music History: Classical Period to Modernity .....	3
MUS 451: Music Cultures of the World: Emerging Nations .....	3
MUS 452: Music Cultures of the World: The Silk Road .....	3

**Performance (6 units)**

MuE _____: Ensemble .....	2
MU _____: Applied Music: Instrument .....	4

**Electives (1-7 Units)**

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**  
**26-27 Units**

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

MU___ 100-101: Classroom Instruction .....	1-2
MUS/THL 482: Musical Heritage of the Church .....	3
MUS/THL 483: A Survey of Christian Hymnody .....	3
MUS/THL 484: Planning Music in Christian Worship .....	2
MUS/THL 485: Contemporary Christian Song .....	2
THL 281: Introduction to Worship Arts .....	1
THL 371: Christian Doctrine 1 .....	3
THL 372: Christian Doctrine 2 .....	3
THL 381: Worship Arts Ministry .....	3
THL 382: Corporate Worship .....	3

Choose a combination of courses below to equal two to three (2-3) units: (2-3 Units)

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

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

With Church Music emphasis in the Music Major.

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

Choose a combination of courses below to equal two to three (2-3) units not taken for Church Music emphasis in Music Major: (2-3 units)

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



MUS 471: Choral Methods and Repertoire .....	3
THR 261: Acting 1 .....	3

# Theatre

Chairperson: Prof. Lori Siekmann, Academic Chair  
Prof. Tony Vezner, Theatre Activities Director

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, students will have learning opportunities in the fine arts, presenting high quality entertainment to the Orange County community.

- 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

## Learning Outcomes

- *Theatre in Historical and Global Context*
  - Apply knowledge and appreciation of significant artistic works of others past, present, and in more than one culture to their artistic pursuits.
- *Theatrical Artistry: Communication*
  - Effectively utilize oral and written communication skills to discuss, create, analyze and present theatrical work.
- *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 to artistic vision and choices
- *Theatrical Artistry—Acting & Directing:*
  - Effectively utilize tools and techniques to act and direct theatrical art.
- *Theatrical Artistry—Design & Technical Production*
  - Effectively utilize different technical elements that contribute to the theatrical whole.
- *Theatrical Artistry—History/Literature/Criticism*
  - Analyze the relationship between text and performance.

# Major

## Theatre: Bachelor of Arts Degree 45 Units

### 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
    - Effectively utilize tools and techniques to act and direct theatrical art
  - Communication
    - Effectively utilize oral and written communication skills to discuss, create, analyze, and present theatrical work
  - Design and Technical Production
    - Effectively utilize different technical elements that contribute to the theatrical whole
  - History/Literature/Criticism
    - Analyze the relationship between text and performance

### 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 emphases:

#### 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: (6 units)

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: (12 units)

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: (3 units)

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: Minor**

#### **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
MU ____: Applied Music: Voice .....	4
THR 261: Acting 1 .....	3
THR 262: Acting 2 .....	3
THR 381: Acting in Musical Theatre .....	3

THR 390: Practicum: Theatre .....	3
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NOTE: students taking the musical theatre minor

- are advised to take either Mus 102 or 201 and Thr 251 as part of their general education
- 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 .....	3

Choose one (1) of the following courses not taken above: (3 units)

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

<b>Brooke Benda</b> Resident Faculty in Psychology	MS	Vanguard University, Costa Mesa, CA, 2000
<b>Jennifer S. Cosgrove</b> Professor of Psychology	PhD	U.S. International University, San Diego, CA, 1991
<b>Roberto Flores de Apodaca</b> Professor of Psychology	PhD	University of Rochester, NY, 1979
<b>Kristen R. Koenig</b> Assoc. Professor of Sociology	DPhi	University of York, England, 2000
<b>John Lu</b> Assoc. Professor of Psychology	PhD	University of California, Irvine, 2007
<b>Buddy Mendez</b> Professor of Psychology	PhD	Fuller Seminary Graduate School of Psychology, Pasadena, CA, 1992
<b>Jack M. Schultz</b> Professor of Anthropology	PhD	University of Oklahoma, Norman, 1995

### Behavioral Sciences

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

## Majors

### Behavioral Sciences: Bachelor of Arts Degree 54 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 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

### 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: (3 units)

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: (3 units)

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

### Emphasis: (18 Units)

Choose one (1) of the following emphases:

## Anthropology

ANT 241: (Field) Anthropology for Travelers	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: (3 units)

ANT 241: (Field) Anthropology for Travelers	3
ANT 314: Native Peoples of North America	3

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

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

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

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: (12 units)

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

### 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: (6 units)

ANT 241: (Field) Anthropology for Travelers	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

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: Bachelor of Arts Degree***

**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: (6 units)

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: (6 units)

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: (3 units)

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

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

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: (3 units)

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: (9 units)

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

Dean: Prof. Stephen Christensen

Administration Dean: Prof. George Wright

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

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

The School of Business offers two undergraduate degrees:

- Bachelor of Arts in Business Administration with six separate and distinct areas of emphasis
  - Accounting
  - Finance
  - International Business
  - Management
  - Marketing
  - Sports Management
- Bachelor of Arts in Economics

Additionally, the school offers minors with emphasis in

- Accounting
- Business Economics
- Marketing

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

### Graduate Programs

- Master of Arts in Business Administration  
*Dr. Bruce Hanson, Director*

<b>Tammie L. Burkhart</b> Asst. Professor of Business	MBA	Pepperdine University, Malibu, CA, 2001
<b>Thomas D. Busby</b> Resident Faculty in Accounting	MA/CPA	Central Missouri State University, Warrensburg, 1974
<b>Marc Fawaz</b> Assoc. Professor of Business	EdD	Pepperdine University, Malibu, CA, 2009

<b>Andrew M. Grimalda</b> Resident Faculty in Business	MMS	Massachusetts Institute of Technology, 1986
<b>Bruce J. Hanson</b> Professor of Business	PhD	Case Western Reserve University, Cleveland, OH, 1995
<b>Russell Mangum</b> Resident Faculty in Economics	PhD	University of Southern California, Los Angeles, 1995
<b>Paul F. Massmann</b> Professor of Instructional Technology	EdD	Nova Southeastern University, North Miami Beach, FL, 2002
<b>Janet S. Muller</b> Asst. Professor of Business	MBA	San Diego State University, CA, 1980
<b>Christopher J. Nagel</b> Associate Professor of Business	MIM	American Graduate School of International Management, Glendale, AZ, 1979
<b>Carolyn K. Shiery</b> Asst. Professor of Business	MBA	Walden University, Minneapolis, MN, 1996
<b>George W. Wright</b> Asst. Professor of Business	MBA/MS	California State University, Fullerton, 1995

## Learning Outcomes

### Systematic Inquiry

- Students will acquire and continue to use systematic skills for encountering knowledge. They will articulate a problem, structure and investigation, gather suitable resources, organize and manipulate qualitative and/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 and redemption; and 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.

**Pre-Business Program**

*Prof. George Wright, Director*

The **pre-business program** is an undergraduate program designed for students considering a bachelor of art's degree in Business Administration. The intent of the program is to improve the probability of success for those students committed to pursuing this degree as well as offering exposure to students considering the business program.

The courses in the pre-business program are all core business courses. Students will take these courses before they enter the emphasis. Upon successful completion of the following courses with an overall grade point average (GPA) of 2.0 and a School of Business GPA of 2.5, the student may apply to be classified as a business major. Business majors should take Mth 221 as part of their general education requirements. For more information view [this page](#).

Transfer students may participate in the pre-business program and petition for classes taken at other accredited institutions to be considered for substitution within the guidelines of Concordia University.

**Core: (16 Units)**

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

Choose 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**

*Prof. George Wright, Director*

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

**Majors**

**Business Administration  
(54 Units)**

**Learning Outcomes**

Students 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.

## Core: (33 Units)

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

## Strategy Options: Choose one (1) based on emphasis:

BUS 475: Business Strategy .....	3
INB 475: International Business Strategy .....	3

## Internship Options: Select one (1) based on emphasis:

ACT 490: Internship: Accounting .....	2
BUS 490: Internship: Business .....	2-8
ESS 490: Internship: Sports Management .....	2
FIN 490: Internship: Finance .....	2
MGT 490: Internship: Management .....	2
MKT 490: Internship: Marketing .....	2

## Emphasis: (21 Units)

Choose one of the following emphases:

### 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 .....	3
ACT 419: Auditing .....	3

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

ACT 417: Federal and California State Personal Taxes .....	3
or ACT 418: Corporate Tax Accounting .....	3
ACT 332: Financial Statement Analysis .....	3
ACT 350: Governmental Accounting .....	3
FIN 211: Personal Finance .....	3
FIN 333: Investments .....	3
NOTE: Act 417 or Act 418 may be taken if not taken in the core	

### Finance

ACT 311: Intermediate Accounting 1 .....	3
ACT 332: Financial Statement Analysis .....	3
or FIN 332: Financial Statement Analysis .....	3

FIN 211: Personal Finance .....	3
FIN 333: Investments .....	3
FIN 335: Real Estate Finance .....	3

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

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

## International Business

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

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

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

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

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

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

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

## Management

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

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

ECO 201: Macroeconomics .....	3
or ECO 202: Microeconomics .....	3
ECO 321: Quantitative Economic Techniques .....	3

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 the Core.

**Marketing**

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

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

COM 422: Studies in Public Relations ..... 3  
 ECO 321: Quantitative Economic Techniques ..... 3  
 MGT 323: Global Enterprise ..... 3  
 or MGT 351: Diversity in Organizations ..... 3  
 or MGT 324: Global Enterprise Experience ..... 3  
 MKT 344: The Advertising Agency ..... 3  
 MKT 355: 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**

**Economics** is the study of expanding human needs and wants in an environment of increasingly elaborate economies, production processes, intricate technologies, more refined skills, and greater trade. Combining this with a world of ever increasing constrained resources, the study of economics incorporates philosophies and moral precepts that more properly define the wants and desires of individuals, business, and the global community to both better compete and collaborate for the common good.

In sum, an economics major will prepare students for decision-making in work and life by incorporating the analytical process of modern economic thought in the pursuit of maximizing value.

Students 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.

**Economics  
(49 Units)**

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: The Nature of Business Mathematics ..... 3

Choose four (4) of the following courses: (12 units)

ECO 323: Money and Financial Markets ..... 3  
 ECO 340: Economics of Sin ..... 3  
 ECO 421: Managerial Economics ..... 3  
 ECO 428: Economic Analysis of Public Policy ..... 3  
 ECO 429: Environmental Economics, Law, and Policy ..... 3  
 FIN 445: International Finance ..... 3  
 MGT 323: Global Enterprise ..... 3  
 or MGT 324: Global Enterprise Experience ..... 3

**Minors**

**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: (3 units)  
 ACT 313: Cost Accounting .....3  
 ACT 315: Accounting Information Systems .....3  
 ACT 417: Federal and California State Personal Taxes .....3  
 ACT 419: Auditing .....3

Choose one (1) of the following courses: (3 units)  
 BUS 201: Introduction to Management, Marketing,  
 and Information Technology .....3  
 BUS 251: Legal Environment of Business .....3  
 COM 344: Theory and Practice of Interviewing .....3  
 FIN 331: Finance .....3  
 MGT 321: Management .....3  
 MGT 323: Global Enterprise .....3  
 or MGT 324: Global Enterprise Experience .....3  
 MGT 326: New Ventures and Entrepreneurship .....3  
 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: (9 units)  
 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 .....3  
 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: (9 units)  
 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: (6 units)  
 ACT 211: Financial Accounting ..... 3  
 BUS 201: Introduction to Management, Marketing,  
 and Information Technology ..... 3  
 BUS 251: Legal Environment of Business ..... 3  
 MKT 355: Services Marketing ..... 3  
 MKT 363: Computer Graphics ..... 3  
 MKT 365: Computer Graphics with Motion ..... 3  
 MKT 371: Internet Marketing ..... 3  
 MKT 445: International Marketing ..... 3

## School of Education

Dean: Dr. 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.

Undergraduate Education Programs and Liberal Studies Major

*Dr. Michael Schulteis, Director*

Elementary/Multiple Subject Credential Program  
Secondary/Single Subject Credential Program  
Special Education: Education Specialist Credential: Mild to Moderate

*Dr. Deborah Mercier, Director*

Lutheran Teacher Certification

*Dr. Rebecca Peters, Director*

Graduate Education

- Master of Arts in Education (M.A.Ed.) with emphases in:
  - Curriculum and Instruction
  - Educational Administration
  - School Counseling: Pupil Personnel Services Credential
    - Prof. Jason Neben, Director (Orange County region)*
    - Prof. David Burgdorf, Directors (Los Angeles region)*
    - Dr. Sandra Scharlemann, Director (Online region)*
    - Dr. Barbara Howard, Director (Temecula region)*
  - Curriculum and Assessment
    - Dr. Margaret Christmas Thomas (All regions)*
- Master of Education (M.Ed.) (combined credential/master's degree)
  - Dr. Deborah Mercier*

**Kellie L. Albrecht** PhD  
Asst. Professor of Education cand. Chapman University, Orange, CA, 2009

**David P. Burgdorf** CAS  
Asst. Professor of Education Northern Illinois University, DeKalb, 1976

**Dwight R. Doering** PhD Georgia State University,

Professor of Education Atlanta, 1998

**Stephanie Hartzell** PhD  
Asst. Prof. of Educational Research University of Nevada, Las Vegas, 2012

**Cheryl D. Lampe** EdD  
Professor of Education Pepperdine University, Malibu, CA 1993

**Ann M. McKellar** PhD  
Resident Faculty in Education Claremont Graduate University, Claremont, CA, 2003

**Deborah S. Mercier** PhD  
Professor of Education Claremont Graduate University, Claremont, CA, 2006

**Sara C. Morgan** MA  
Asst. Professor of Education Chapman University, Orange, CA, 2005

**Jason K. Neben** MAEd  
Asst. Professor of Education Concordia University, Irvine, CA, 2008

**Janice E. Nelson** EdD  
Professor of Education Wayne State University, Detroit, MI, 1992

**M. Patty O'Connor** MA  
Resident Faculty in Education Azusa Pacific University, CA, 1996

**Rebecca R. Peters** EdD  
Professor of Education Biola University, LaMirada, CA, 2006

**DeeAnn V. Ragaisis** EdD  
Professor of Education Argosy University, Phoenix, AZ, 2005

**John H. Randall** MA  
Asst. Professor of Education Pepperdine University, Malibu, CA, 2004

**Christine M. Ross** PhD  
Professor of Christian Education St. Louis University, MO 2006

**Sandra F. Scharlemann** PsyD  
Professor of Education U.S. Int'l University, San Diego, CA, 2000

**Michael W. Schulteis** ScEdD  
Professor of Science Curtin University, Perth, Western Australia, 2005

## Education

<b>Timothy J. Schumacher</b>	MA	Pepperdine University, Malibu, CA, 2001
Asst. Professor of Education		
<b>Rebecca A. Stanton</b>	EdD	Argosy University, Orange County, CA, 2006
Resident Faculty in Education		
<b>Margaret C. Thomas</b>	PhD	Barry University, Miami Shores, FL, 2005
Asst. Professor of Education		
<b>Heather L. Vezner</b>	MA	Concordia University Chicago, IL, 1996
Asst. Professor of Education		
<b>Dian K. Vieselmeyer</b>	MEd	Concordia University, Seward, NE, 1984
Asst. Professor of Education		
<b>Karen Y. Wiggins</b>	MA	University of North Texas, Denton, 1992
Asst. Professor of Education		

## 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; 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 and strive to meet the needs of all students.

### Leaders as Visionaries

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

## 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, multiple subject, or special education teachers. The course work is aligned to the California Content Specifications and is the best preparation for the California Subject Examination for Teachers (CSET) that ALL students pursuing an elementary or special education teaching credential must pass.

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

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

### Fine Arts (6 Units)

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

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

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

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

### History/Social Science (9 Units)

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

### Electives

#### Global Perspective (3 Units)

Choose one (1) of the following courses:

World Language Second (2nd) semester: Any second (2nd) semester world language .....	3
ECO 201: Macroeconomics .....	3
ENG 382: Postcolonial Literature .....	3

MUS 451: Music Cultures of the World: Emerging Nations .....	3
MUS 452: Music Cultures of the World: The Silk Road .....	3
POL 321: Political Thought 1: Ancient to Early Modern .....	3
POL 322: Political Thought 2: The Enlightenment to Present .....	3
THL 321: World Religions .....	3
NOTE: ANT 210 is required for the Liberal Studies major.	

### Social Science (3 Units)

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 (8 Units)

EDUC 101: Introduction to Teaching Careers 1 .....	1
EDUC 201: Introduction to Teaching Careers 2 .....	1
or EDSP 202: Introduction to Teaching Special Populations ..	1
EDUC 301: Typical and Atypical Development of Diverse Learners .....	3
or EDSP 301: Typical and Atypical Development of Diverse Learners .....	3
PSY 313: Developmental Psychology: Childhood .....	3
NOTE: Students seeking a special education credential must take EdSP 202.	

### Language (21 units)

NOTE: Wrt 201 can be taken by students with a SAT writing score of 640 or above.

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

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

COM 111: Public Speaking .....	3
COM 211: Introduction to Argumentation and Debate .....	3

### Advanced Writing Choice (3 units)

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 (6 Units)**

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

**Physical Education/Health (5 Units)**

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

**Science (11 Units)**

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

**Concentrations (12 Units)**

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

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

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

EDU 248: Principles/Curriculum of Early Childhood Education .....	3
EDU 466: Helping Children Cope with Violence .....	3
EDU 468: Observation/Assessment of Young Children .....	3
EDU 491: Early Childhood Field Experience .....	3
PSY 313: Developmental Psychology: Childhood .....	3
SOC 332: Child, Family, and Community .....	3

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

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

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

**Teacher Credential Programs**

*Dr. Deborah Mercier, Director*

**Learning Outcomes**

The teacher candidate plans and delivers instruction.

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

The teacher candidate uses assessment for a variety of purposes.

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

The teacher candidate provides a supportive learning environment.

- The teacher candidate creates a positive social environment and a safe and welcoming physical environment that supports learning for all



students. The teacher candidate uses instructional time wisely and efficiently.

The teacher candidate models a servant-leadership lifestyle.

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

## Undergraduate Teacher Education

The **teacher credential programs** prepare multiple 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, students must be fully admitted to the undergraduate teacher education program which includes the following:

1. Cumulative grade point average (GPA) of 2.9 or higher with no course grade lower than C- in the major.
2. Successful completion of EduC 101 and 201 (or EdSP 202) with a grade of B- or higher and positive evaluation of the field experience component by the director of field experience and the classroom teacher.
3. Two letters of recommendation (one from a Concordia faculty member).
4. Official college transcripts from all colleges attended.
5. California state health clearance certificate; current Wellness Center 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 varies by major. Refer to the Undergraduate Elementary Education, Education Specialist, and Secondary Education Handbook, available in the

School of Education office, to find out when to take this exam.

**NOTE:** International students are required to score a minimum of 550 on the Test of English as a Foreign Language (TOEFL) and demonstrate proficient English communication skills in field experience.

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

## Elementary Education (34 Units)

### Multiple Subject Credential

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: Elementary .....	2
EDUC 423: Integrated Curriculum Methods: Elementary .....	2
EDUC 451: Language and Culture .....	3
EDUC 460: Literacy Development in Diverse 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: Literacy Development in Diverse Content-Area 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 .....	3
EDSP 451: Language and Culture .....	3
EDSP 460: Literacy Development in Diverse Classrooms .....	4
EDSP 480: Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Education Specialist - Mild/Moderate .....	1
EDSP 484: Student Teaching: Education Specialist: Mild/Moderate .....	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 2.9 or higher and no course grade lower than a C- in the major. Students must have grades of B- or better in all EduC/EdSP courses.

## 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 with a minimum grade of B- in all course work.
4. U.S. Constitution course or approved alternative demonstration of competency.
5. Level I technology competencies (Edu 098 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 2.9 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

*Dr. Rebecca Peters, Director*

Please see “Christ College Certificate Requirements” on [this page](#) for program requirements.

Lutheran Teaching Ministry Certification also requires:

- Completion of all professional preparation requirements for the Teacher Education Program, including successful student teaching.
- Membership in a congregation of The Lutheran Church—Missouri Synod (LCMS).

## DESCRIPTION OF COURSES

**CT 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 including the study of balance sheets and owner's interests; accrual accounting including revenue recognition and cost allocation; the income statement and measures of performance; statement of cash flows; and cash and receivables. Prerequisite: Act 212.

**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.

**CT 350. Governmental Accounting.** 3 hours. This course will introduce students to the basic elements of accounting,

methods of gathering and reporting financial data, compliance issues, and the accounting environment for governmental agencies. Prerequisites: Act 211 and 212.

**ACT 417. Federal and California State Personal Taxes .** 3 hours. The preparation of individual federal and California state income tax returns will be the focus of this course which will also include federal forms, schedules, and California adjustments to income. Prerequisite: Act 211. 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.

**ACT 443. International Accounting (IFRS).** 3 hours. This course will highlight the current and proposed differences between U.S. GAAP (Generally Accepted Accounting Principles) and IFRS (International Financial Reporting Standards) and their application in financial reporting. Prerequisite: Act 212

**ACT 490. Internship: Accounting.** 2 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship.

**ANT 210. Cultural Anthropology.** 3 hours. Understanding diverse cultures of the world, from preliterate to modern technological societies, is the focus of this course and includes mankind's universal as well as adaptive dimensions. The socioeconomic, political, religious, and physical environmental factors that relate to the values and lifestyles of various peoples will be examined.

**ANT 241. (Field) Anthropology for Travelers.** 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.

**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.

**ARB 101. Arabic 1.** 4 hours. This is a beginning course in language and culture introducing students to written, oral, and historical traditions behind modern standard Arabic. Conducted primarily through classroom instruction, this course will be augmented with written, oral/aural, internet, and other germane resources. The Arabic script, basic grammar, vocabulary, and syntax will be covered. Students will complete the course able to read and translate basic Arabic sentences.

**ARB 201. Arabic 2.** 3 hours. This course will cover advanced Arabic grammar and vocabulary. Students will read and translate classical and modern Arabic texts and some basic conversational Arabic (Egyptian dialect) will be introduced. Prerequisite: Arb 101

**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 of 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 class projects. A lab fee is required.

**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. A lab fee is required.

**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. A lab fee is required.

**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. A lab fee is required. 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. A lab fee is required. 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 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 the contemporary artist. 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. A lab fee is required. 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. A lab fee is required. 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. A lab fee is required. 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. A lab fee is required. Prerequisites: Art 200 and 201 or consent of instructor. Offered in alternate years.

**ART 380. 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. A lab fee is required. Prerequisites: Art 200, 201, 311 or junior status. 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. A lab fee is required.

**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 (Art 480) for the presentation of a variety of art projects in the classroom. A lab fee is required. Prerequisites: Art 480 and consent of instructor.

**ART 392. Art Gallery Experience.** 3 hours. In this course students will expand their understanding of art as they assist in an art gallery or center which is designed to equip studio art students with practical skills such as curating exhibitions, working with professional artists, teachers, and/or art dealers. A lab fee is required. Prerequisites: 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 implemented with studies of plaster casts and master drawings with composition being considered at all times. By

concentrating on proportion, light, shape, and movement students will acquire skills in representing the human form using a variety of materials. A lab fee is required. Prerequisites: Art 201 and 301. Offered in alternate years.

**ART 421. Painting 2.** 3 hours. Students will be encouraged in this course to paint from life in oil and other media 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. A lab fee is required. 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. A lab fee is required. 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. A lab fee is required. 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 combines art history and practical experience to produce prints that are rich in content. A lab fee is required. Prerequisites: Art 201, 301, and 351. 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. A lab fee is required. Prerequisite: Art 101 or consent of instructor.

**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. A lab fee is required. Prerequisites: senior standing and consent of instructor.

**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. A lab fee may be required for some courses. 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. A lab fee may be required for some courses.

**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. A lab fee may be required for some courses.

**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. A lab fee may be required for some courses.

**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. A lab fee may be required for some courses.

**ARTG 315. The History of Contemporary Art.** 3 hours. A lab fee may be required for some courses.

**ARTG 360. Typography 1 .** 3 hours. This course will give an 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. A lab fee may be required for some courses. Prerequisite: ArtG 270 or 272, or consent of 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. A lab fee may be required for some courses. Prerequisites: Art 261. Offered in alternate years.

**ARTG 390. Graphic Design Practicum.** 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. A lab fee may be required for some courses.

**ARTG 460. Typography 2.** 3 hours. As a continuation of ArtG 360, Typography 1, this course will begin the exploration of personal expression and typographical experimentation 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. A lab fee may be required for some courses. Prerequisite: ArtG 360.

**ARTG 461. Graphic Design 3 .** 3 hours. With the goal of producing strong portfolios that can be used to gain internships or employment this course will allow students to complete advanced graphic design projects to fill gaps in their portfolios, emphasizing their preparation to become professional graphic designers. A lab fee may be required for some courses. Prerequisites: ArtG 361. Offered in alternate years.

**ARTG 471. Video Art .** 3 hours. Students will create relationships between image and sound by using the time-based medium of video with an emphasis on the development of strong concepts for the projects and learning to create a storyboard, film, and edit video art pieces together using Final Cut Pro and Adobe After Effects in this studio course. A lab fee may be required for some courses. 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 beginning 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. A lab fee may be required for some courses. 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 as they create several projects including storyboards, animatics, and one full-motion sequence, learning to use the best technique that better serves the idea. This course will include a brief introduction to Adobe AfterEffects or Motion. A lab fee may be required for some courses. 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 using digital cameras and including software basics for photographic imaging and digital printing. A lab fee may be required for some courses. 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. A lab fee may be required for some courses. Prerequisite: ArtG 472.

**ARTG 490. Internship: Graphic Art.** 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. A lab fee may be required for some courses.

**BIO 101. Principles of Biology.** 4 hours. This course will introduce the 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. This is a general biology course emphasizing evolutionary mechanism, species formation, phylogenies, the origin of life, and the principles of evolutionary diversity, plant, and animal structure, and function of systems. Lab time is included in the schedule.

**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, 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, 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 with an emphasis on 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 will be introduced through literature and illustrated in field investigations in this course including two (2) required weekend field trips (Friday afternoon-Sunday). A nominal fee may be charged for required field trips. 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. Through 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 that 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.

**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, collecting primary field data, writing descriptions, and providing analysis of a selected community. Class includes 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.

**BUS 201. Introduction to Management, Marketing, and Information Technology.** 3 hours. This survey course will look at today's American business systems including a study of various types of businesses and the information they gather, store, and process, along with the administration and management of people, facilities, and information. Course includes relevant computer experience simulating business situations.

**BUS 224. Business Writing and Presentations.** 1 hours. 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. Using examples from the law of agency, contracts, product liability, government regulations, business organizations, and ethics in American business, this course will emphasize U.S. law including sources, courts, procedures, and torts pertaining to the business environment

**BUS 261. Information Technology.** 3 hours. This course will cover the theoretical and practical aspects of business application programs such as 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 working together to help people around the world while developing skills such as market economics, entrepreneurship, financial literacy, and success 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 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. This ethical evaluation course focusing on the ideals, laws, and relationships utilized by the business community including employer/employee rights, assumption analysis, philosophy, culture of the corporation, product liability, and bribery. Prerequisites: business or economics major with senior standing.



**BUS 490. Internship: Business.** 2-8 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Prerequisites: business major with junior or senior standing and Mgt 321. Students must take a minimum cumulative total of two (2) units to a maximum of eight (8) units; earned in one (1)-unit increments.

**BUS 490. Internship: Business.** 2-8 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship. Prerequisites: business major with junior or senior standing and Mgt 321. Students must take a minimum cumulative total of two (2) units to a maximum of eight (8) units; earned in one (1)-unit increments.

**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.

**CCI 001. Seminar in Pastoral Ministry.** 0.5 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 002. Seminar in DCE Ministry.** 0.5 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 003. Seminar in Teaching Ministry.** 0.5 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 007. Seminar in Parish Music.** 0.5 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 008. Seminar in Deaconess Ministry.** 0.5 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 103. Introduction to Ministry.** 1 hours. 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 103-403. Christ College Modules.** 4 hours.

**CCI 203. Church Polity and Organizational Structure.** 1 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 303. Teaching the Faith.** 1 hours. 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. Prerequisite: Program acceptance or consent of instructor.

**CCI 403. The Role of the Christian Professional.** 1 hours. This course will prepare students for lives as full-time church work professionals through the study of topics that will enhance the personal and professional lives of the future church work professional: developing a family budget; personal and spiritual life of the called worker; the call process; income tax and social security; retirement and investment planning; and Christian professionalism and ethics. Prerequisite: Program acceptance or consent of instructor.

**CED 201. Introduction to Christian Education: Theory and Practice.** 3 hours. Students will be introduced to the biblical, theological, and historical foundations, of Christian education within the church. Students will meet and observe Christian education practitioners, create a philosophy of ministry, begin a professional portfolio, and explore their personal interests, giftedness, and skills in relation to those needed for success in Christian education leadership as well as determine their commitment to The Lutheran Church—Missouri Synod Director of Christian Education program. Course requirement: completion of fingerprint clearance procedures including payment of appropriate fees.

**CED 201. Introduction to Christian Education: Theory and Practice.** 3 hours. Students will be introduced to the biblical, theological, and historical foundations of Christian education within the church. Students will meet and observe Christian education practitioners, create a philosophy of ministry, begin a professional portfolio, and explore their personal interests, giftedness, and skills in relation to those needed for success in Christian education leadership as well as determine their commitment to The Lutheran Church—Missouri Synod Director of Christian Education Program. Course requirement: completion of fingerprint clearance procedures including payment of appropriate fees.

**CED 202. Church Leadership and Administration .** 3 hours. Students will explore biblical principles and current practices of leaders and managers: envisioning, organizing, recruiting, training, and supervising of volunteers, budgeting, publicizing, and evaluating with a special emphasis upon the application of these functions to church and para-church leadership and administration. Learning will culminate in a strategic ministry plan used within the student's fieldwork congregation. Prerequisites: CEEd 201 and fingerprinting clearance or consent of Christ College Church Vocations office required.

**CED 302. Methodology of Christian Teaching.** 3 hours. This course will equip students to apply the biblical, educational

models of discipleship, catechesis, and spiritual formation, including principles of inductive Bible study, effective teaching methods, lesson design, curriculum evaluation, and introductory curriculum development. Students will observe and practice teaching skills in a local Lutheran school classroom. Transportation to and from the practicum site is the responsibility of the student. Prerequisites: CEEd 201 and fingerprint clearance or consent of Christ College's Office of Church Vocations.

**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 and Family Ministry .** 3 hours. This course will examine and evaluate methods and materials appropriate for faith development reflective of the physical, mental, social, emotional, and spiritual needs of children aged birth through grade six. Evaluation of curriculum, facilities, policies, and procedures towards a comprehensive ministry to and with children and their families will be addressed, emphasizing the involvement of children and their families in the total life of the church. A fieldwork component is required. Offered in alternate years.

**CED 380. Youth and Family Ministry .** 3 hours. In this course students will study the church's ministry with youth in their teenage to young adult years with a emphasis on developmental and socio-cultural theories and research; theological reflection; basic counseling; family systems; and philosophy of youth ministry as it relates to educational and programmatic strategies for involving youth and their families in the total life of the church. A fieldwork component is required. Offered 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. Prerequisite: DCE 390.

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

**CED 460. Adult Ministry.** 3 hours. This course will introduce students to the theological foundations of ministry to and with adults, stages of adulthood, adult learning, generational theories, unique needs of contemporary adults, theory and practice of small group ministry, and current programs and practices which equip adults for ministry, build-up the body of Christ, and develop adults' faith in Christ.

**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 the congregational setting. Offered in alternate years.

**CED 487. Parish Program Leadership.** 3 hours.

**CED 488. Family Ministry.** 3 hours.

**CED 489. Adult Education in the Parish.** 3 hours.

**CED 490. Internship: DCE Ministry 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 credits.

**CED 491. Internship: DCE Ministry 2.** 6 hours. Students will be introduced to theological foundations of ministry to and with adults, stages of adulthood, adult learning and generational theories, unique needs of contemporary adults, theory and practice of small group ministry, and current programs and practices which equip adults for ministry, build-up the body of Christ, and develop adults' faith in Christ. Prerequisite: CED 490.

**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.

**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. 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. 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. Prerequisite: 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 laboratory experiments in the secondary school setting will be 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 spectroscopes 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. This course will provide an introduction to the principles of chemistry that govern life systems, including topics in pH and buffers, enzymes, amino acids, proteins, lipids, carbohydrates, nucleic acids, and metabolic pathways with exercises emphasizing protein purification and characterization techniques, plus kinetic modeling. Lab time is included in the schedule. Prerequisite: 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 will be 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 units.

**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 which 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.

**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.

**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 hours. 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 and 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, opinion and include writing at least six (6) articles to be submitted to the Concordia Courier.

**COM 231. Newspaper 1.** 1 hours. This course will introduce the practice of journalism with an emphasis on one or a combination of news and opinion writing, layout, and production of the Concordia Courier.

**COM 232. Newspaper 2.** 1 hours. This course will introduce the practice of journalism with an emphasis on one or a combination of news and opinion writing, layout, and production of the Concordia Courier.

**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. Prerequisite: Com 216.

**COM 331. Newspaper 3.** 1 hours. As an advanced experience in the practice of journalism, this course will emphasize any one or a combination of news writing, editing, and page layout, as well as production of Concordia Courier. Prerequisite: Com 222 or 231/232.

**COM 332. Newspaper 4.** 1 hours. As an advanced experience in the practice of journalism, this course will emphasize any one or a combination of news writing, editing, and page layout, as well as production of Concordia Courier. Prerequisite: Com 222 or 231/232.

**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 introduction to 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, marketing, and how they inform 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 including presentations by PR professionals and in-class projects/exercises on topics such as public relations in nonprofit organizations, corporate and social responsibility, media relations, technology, and ethical issues.

**COM 431. Newspaper 5.** 1 hours. This course represents the highest level of journalistic expertise and is reserved for members of the Concordia Courier editorial staff. Prerequisite: consent of the instructor.

**COM 432. Newspaper 6.** 1 hours. This course represents the highest level of journalistic expertise and is reserved for members of the Concordia Courier editorial staff. Prerequisite: consent of the instructor.

**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 examine 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 credits.

**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 students to understand and articulate the basic tenets of

Christianity. Co-requisite: CBio 101; written permission from the Core Curriculum director is needed to take CThl 101 as an unlinked course.

**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, students will examine major teachings of the Christian faith and be enabled 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.

**DAN 101. Ballet 1.** 1 hours. This course will introduce the basic ballet positions, movements, combinations, as well French ballet terms and their meanings. The history and origins of ballet and its various styles will be discussed.

**DAN 102. Ballet 2.** 1 hours. This course will further explore the technical and expressive elements of ballet as well as historically significant ballet schools and styles and is designed to advance the performance level of students who have mastered the basic skills and vocabulary of ballet. Student will practice and perform advanced barre exercises, demi-pointe work, and increasingly complex connecting movements.

**DAN 111. Jazz Dance.** 1 hours. Designed for those with no dance experience and experienced dancers wishing to perfect basic jazz dance skills, this course will introduce the fundamentals of jazz dance including its history and styles. Jazz dance techniques will be presented and practiced in class with an emphasis on combinations using a variety of rhythms and styles. Class participation is intended to develop an appreciation for the physical demands of jazz dancing.

**DAN 112. Modern Dance.** 1 hours. Designed for those with no dance experience as well as returning dance students, this course will introduce the fundamentals of modern dance and its history including movement studies and improvisations dealing with shape, space, time, and energy. Four main dance principles that will encourage creativity and individuality with an emphasis on developing axial and locomotor skills, performing movement combinations, conditioning the body, and solving creative problems will also be studies.

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

**DAN 141. Tap Dance.** 1 hours. This course will introduce tap dance history and performances, also with techniques at the beginning level. Students will practice fundamental tap dance

skills and also focus on swing and Latin rhythms, syncopation, time steps, short combinations, and stylings.

**ECO 201. Macroeconomics.** 3 hours. This is a survey course of the scope and methods of the study of economics; the principles underlying the production, exchange, distribution, and consumption of wealth; along with various economic problems. The systematic investigation of the market structure of American capitalism encompassing the production and distribution of income, welfare economics, and current domestic problems will also be covered.

**ECO 202. Microeconomics.** 3 hours. An introductory course to the 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 the economic challenges of the future.

**ECO 221. History of Economic Thought.** 3 hours. This is a survey course of the history of economic thought from 1600 to 2000, focusing on primary works and discussion of their historical context. Major authors covered 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: fulfillment of the general education math requirement and Eco 201 or 202.

**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. Prerequisites: Act 211 and 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 will also look at the foundations of ethical beliefs and the moral grounds for different forms of market intervention; review 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 will use 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; along with extensive use of case studies. Prerequisite: 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; including a special emphasis on the impact of various governmental policies and environmental laws on industry, business, real estate development, and conservation programs. Prerequisites: Bus 201, 251, Eco 201 or 202.

**ECO 485. Major Thesis.** 3 hours. This capstone course will integrate and apply key economic theories and models through the student's original choice of research; thesis evaluation by committee. Prerequisite: Eco 321.

**EDSP 101. Introduction to Teaching Careers 1.** 1 hours. This course is an introduction to the field of education and the professional career of teachers, including the characteristics of today's learners; characteristics of effective teachers and schools; California teacher credentialing procedures; and the 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 hours. 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 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 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 (IEP)/Individualized Family Service Plan (IFSP) processes, legal requirements, responsibilities, and the effects of pupil health and safety on learning. Students will learn skills for communicating and collaborating including working with families, 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, monitor progress, and design 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 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 460. Literacy Development in Diverse Classrooms.** 4 hours. As it follows the guidelines set forth by the California Commission on Teacher Credentialing (CCTC) in 2008, the California Common Core State Standards, and the Reading Instruction Competence Assessment (RICA) Content Specifications, this course will focus on preparing students to instruct reading and language arts in diverse classrooms. Prerequisites: admission to the teacher education program, Educ/EdSP 401 and 451; CSET verification.

**EDSP 480. Teacher Performance Assessment (TPA) Practicum: Student Teaching 1: Education Specialist - Mild/Moderate.** 1 hours. Consisting of at least forty (40) clock hours of field experience and seminars, this course will prepare students to teach in elementary and/or mild/moderate EdSP classrooms. Students will develop an understanding of instructional planning, delivery, and how to meet the needs of diverse learners. Through the activities of this course, students will complete the first two tasks of the California Teacher Performance Assessment (CalTAP). Minimum grade of B- required.

**EDSP 484. Student Teaching: Education Specialist: Mild/Moderate.** 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.

**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 435. Linguistic Development and Second Language Acquisition.** 3 hours. This course will provide an overview of child language development, second language acquisition for language-minority students, and methods and materials that enhance language acquisition will be 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 467. Emergent Literacy.** 3 hours.

**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.

**EDU 491. 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.

**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 (1st) credential course, students must complete this course by the sixth (6th) week of the first (1st) semester.

**EDUC 101. Introduction to Teaching Careers 1.** 1 hours. This is an introductory course to the field of education and the professional career of teachers and will include the following topics: characteristics of today's learners; characteristics of effective teachers and schools; California teacher

credentialing procedures; and the 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 hours. 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 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 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. 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 (IEP)/Individualized Family Service Plan (IFSP) processes, legal requirements and responsibilities including the effects of pupil health and safety on learning. Students will learn skills for communicating, collaborating, and working with families, supporting professionals, and school personnel. Prerequisites: admission to the teacher education program; EdSP 401 or concurrent enrollment.

**EDUC 422. Math and Science Methods: Elementary.** 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; and 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 draw upon social, cultural, historical foundations, and learning theories. Prerequisites: admission to the teacher education program; EduC 401 and 451; and 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 an examination of recent research using the California Frameworks and K-12 Content Standards to explore 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 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 460. Literacy Development in Diverse 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 Common Core State 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. Literacy Development in Diverse Content-Area Classrooms.** 4 hours. Using the guidelines sent forth by the California Commission on Teacher Credentialing (CCTC) in 2008 and the California Common Core State Standards as the basis of this course, students will examine the theory and practice of reading instruction as applied to the content areas of middle and secondary schools with an emphasis on the development of reading techniques ranging from assessment of individual skills, selection of appropriate materials, and strategies for instruction in subject areas for diverse classrooms. Prerequisites: admission to the teacher education program, EduC 401 and 451; CSET verification.

**EDUC 480. Teacher Performance Assessment (TPA)**

**Practicum: Student Teaching 1: Elementary.** 1 hours. 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.

**EDUC 481. Teacher Performance Assessment (TPA)**

**Practicum: Student Teaching 1: Secondary.** 1 hours. 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, 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 matters that represent the student'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 matters that represent the student's career choice. Prerequisites: completion of all program courses; acceptance into the student teaching program; and passing scores on the CSET examination or completion of a state-approved Single Subject Matter Preparation Program.

**EDUC 491. Education Field Experience.** 1-3 hours. This practicum course provides a first-hand opportunity for the early childhood program student to experience young children in the 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.

**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 development of a strong written command of a variety of papers appropriate for an English major.

**ENG 341. American Literature 1.** 3 hours. A survey course of American literature from its beginning to 1850 including journals, diaries, sermons, and pamphlets with an emphasis on the writings of Irving, Hawthorne, Poe, and Melville. Prerequisite: Eng 201 or CEng 201 or 202.

**ENG 342. American Literature 2.** 3 hours. A survey course of American literature from 1850 to 1945 emphasizing the literary movements of Realism, Naturalism, and the roots of modern American literature. Prerequisite: Eng 201 or CEng 201 or 202.

**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 and Contemporary 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. In this course students will read, critically analyze, discuss, and evaluate selected plays from 1890 through the 21st century including 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 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. Prerequisites: 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. Prerequisites: 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. Offered in alternate years.

**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, CEng 201 or 202, or consent of the instructor.

**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 hours. 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: Intercollegiate.** 0.5 hours. Intercollegiate tennis.

**ESS 112. Volleyball: Intercollegiate.** 0.5 hours. Intercollegiate volleyball.

**ESS 114. Badminton: Lifetime Fitness.** 0.5 hours. 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: Intercollegiate.** 0.5 hours. Intercollegiate basketball.

**ESS 117. Soccer: Intercollegiate.** 0.5 hours. Intercollegiate soccer.

**ESS 119. Bowling: Lifetime Fitness.** 0.5 hours. This course will introduce the official rules, techniques, and strategies, as students practice basic skills. A nominal fee will be charged.

**ESS 120. Baseball: Intercollegiate.** 0.5 hours. Intercollegiate baseball.

**ESS 121. Softball: Intercollegiate.** 0.5 hours. Intercollegiate softball.

**ESS 122. Weight Training: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity. Students will be introduced to official rules, holds, and strategies at the beginning level.

**ESS 123. Cross Country: Intercollegiate.** 0.5 hours. Intercollegiate cross country.

**ESS 124. Track: Intercollegiate.** 0.5 hours. Intercollegiate track.

**ESS 126. Aerobics: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity.

**ESS 127. Cross Training: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity.

**ESS 128. Tae Kwon Do: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for healthy lifetime activity. A nominal fee will be charged.

**ESS 131. Tennis: Lifetime Fitness.** 0.5 hours. This course will introduce the official singles and double games at the beginning level as students practice strokes, serves, basic strategies, footwork, scoring, and court etiquette while also providing an exercise program for those striving for a healthy lifetime activity.

**ESS 132. Volleyball: Lifetime Fitness.** 0.5 hours. This course will introduce games techniques, rules, and etiquette while also providing an exercise program for those striving for a healthy lifetime activity.

**ESS 136. Basketball: Lifetime Fitness.** 0.5 hours. This course will introduce students to the basic practice skills, footwork, strategies, rules, scoring, and court etiquette while also providing an exercise program for those striving for a healthy lifetime activity.

**ESS 140. Golf: Lifetime Fitness.** 0.5 hours. This course will introduce the techniques, rules, and etiquette as students practice chipping, putting, and golfing strategies, incorporating these skills in playing a round of golf. Students are responsible for balls, green fees, and clubs.

**ESS 141. Scuba Diving: Lifetime Fitness.** 0.5 hours. This course will introduce the rules and procedures for safe scuba diving.

**ESS 142. Beach Volleyball: Lifetime Fitness.** 0.5 hours. This course will introduce the official game rules while also providing an exercise program for those striving for a healthy lifetime activity.

**ESS 143. Open Water Paddling: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity.

**ESS 144. Rock Climbing: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity.

**ESS 145. Walking: Lifetime Fitness.** 0.5 hours. This course will provide an exercise program for those striving for a healthy lifetime activity.

**ESS 146. Swimming/Diving: Intercollegiate.** 0.5 hours. Intercollegiate swimming and diving.

**ESS 147. Water Polo: Intercollegiate.** 0.5 hours. Intercollegiate water polo.

**ESS 199. Individualized Physical Education.** 0.5 hours. 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 hours. 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 hours. 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.** 2 hours. This course is designed to allow athletic training students to develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to a clinical site at the university, university-approved community college, or high school. A \$30 lab fee required. Prerequisites: acceptance into the Athletic Training Education Program and consent of the program director.

**ESS 339. Beginning Clinical Coursework 2.** 2 hours. This course is designed to allow athletic training students develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to clinical sites at the university, university-approved community college, or high school. A \$30 lab fee is required. Prerequisites: ESS 338 and consent of ATEP director.

**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) materials and certification are 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 to therapeutic modalities in exercise and rehabilitation are discussed and explored in this course. Lab time is included in the schedule. Prerequisite: Bio 246, ESS 308, or consent of division chair.

**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.** 2 hours. This course is designed to allow athletic training students develop and practice clinical skills with equipment-intensive sports under the direct supervision of a preceptor. Students will be assigned to the university, a university-approved community college, or high school. A \$30 lab fee is required. Prerequisites: ESS 338, 339, and consent of ATEP director.

**ESS 389. Intermediate Clinical Coursework.** 2 hours. This course is designed to allow athletic training students develop and practice clinical skills under the direct supervision of a preceptor. Students will be assigned to the university, a university-approved community college, or high school. A \$30 lab fee is required. Prerequisites: ESS 388 and consent of the ATEP director.

**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 and 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 and 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 and 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 and is a beneficial complement to the student's academic experience.

**ESS 395. Practicum: ESS Rehabilitation.** 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. Prerequisites: 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, financial, and information management; facility design and planning; athletic insurance; and legal/ethical practice.

**ESS 438. Advanced Clinical Coursework 1.** 2 hours. This course is designed to allow athletic training students develop and practice clinical skills during their assignment with an athletic team under the direct supervision of a preceptor. Students will be assigned to clinical rotations at the university, university-approved community college, or high school. A \$30 lab fee is required. Prerequisites: ESS 388, 389, and consent of ATEP director.

**ESS 439. Advanced Clinical Coursework 2.** 2 hours. This course is designed to allow athletic training students develop and practice clinical skills during their assignment with an athletic team under the direct supervision of a preceptor. Students will be assigned to clinical rotations at the university, a university-approved community college, or high school. A \$30 lab fee is. Prerequisites: ESS 438 and consent of ATEP director.

**ESS 490. Internship: Sports Management.** 2 hours. An intense, practical part- or full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.



**ESS 490. Internship: ESS Sport Management.** 1-8 hours. An intense, practical part- or full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.

**ESS 492. Internship: ESS Teacher Education.** 1-8 hours. An intense, practical part- or a full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.

**ESS 493. Internship: ESS Exercise Science.** 1-8 hours. An intense, practical part- or a full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.

**ESS 494. Internship: ESS Coaching.** 1-8 hours. An intense, practical part- or a full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.

**ESS 495. Internship: ESS Rehabilitation.** 1-8 hours. An intense, practical part- or a full-time experience outside the classroom that is an 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 limited the maximum number of internship credits.

**ESS \_\_\_\_.** Select two (2) different (0.5 or 1 unit) activity courses . 1-2 hours.

**FIN 211. Personal Finance.** 3 hours. This course will prepare students to make appropriate decisions regarding financial planning in career choices, investments, 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; credit analysis; and corporate finance issues. Prerequisite: Act 211.

**FIN 333. Investments.** 3 hours. Building upon Fin 331, 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.

**FIN 490. Internship: Finance.** 2 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship.

**FRE 101. French 1.** 4 hours. Through a natural approach to French this course, designed for students with little or no prior study of French, will emphasize speaking, listening, reading, and writing in French.

**FRE 102. French 2.** 4 hours. Continuation of Fre 101, French 1. Prerequisite: Fre 101. Fulfills foreign language requirement.

**GCS 201. Global Cultural Studies.** 1 hours. 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 abroad for eighteen (18) weeks.

**GCS 202. Understanding Other Cultures Anthropologically.** 1 hours. 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, self, and become more effective observers of internal (intra-personal) changes and external (inter-personal) discovery.

**GCS 203. Cross-Cultural Communication Awareness.** 1 hours. The globalization of both public and private organizations and their multicultural make-up requires today's citizens to have a solid cross-cultural competence involving an understanding of ones 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 will also be covered.

**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.

**GER 101. German 1.** 4 hours. Through a natural approach to German this course, designed for students who have had no or very little prior study of German or less than two (2) years of high school German, will emphasize the development of conversational skills, speaking, listening, reading, and writing in German.

**GER 102. German 2.** 4 hours. A continuation of Ger 101, German I. Prerequisite: Ger 101 or two (2) years of high school German. Fulfills foreign language requirement.

**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 Gre 101, 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 with special emphasis 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 hours. 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.

**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 letters 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.

**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 Heb 101, 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.

**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 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 through the study of colonization, independence, early nationhood, sectional strife culminating in the Civil War, reconstruction, economic expansion, prosperity, depression, imperialism, reforms, two world wars, and contemporary tensions.

**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 with a focus on the Chinese and Japanese cultural traditions with some attention to other Asian motifs and an emphasis on an understanding and appreciation of the Eastern worldview and ethos.

**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 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, 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. Special attention will be 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 America, 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, 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, and tracing the legacy of each stand of thought throughout the world. Attention will be paid to both the primary leaders and significant texts and how they shaped today's divergent world views. It is recommended that

Western Civilization 1 and 2 be taken prior to this course. Offered in alternate years.

**HST 412. Origins of the American Political System.** 3 hours.

**HST 413. Religion and Politics in America.** 3 hours.

**HST 416. Contemporary Global Issues .** 3 hours. A senior seminar course devoted to an in-depth examination of a major issues 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 Europe era and will look at the intense interaction between the peoples of many continents and nations over women, the West, and culture which has its roots in this period of exchange, colonization, and struggle. Offered in alternate years.

**HST 437. The Great Cities.** 3 hours.

**HST 451. The Enlightenment .** 3 hours. This course will focus on 18th century Europe and America from the French Revolution to the fall of Napoleon; the expansion of education, science, and philosophy; the growth of the middle class; and the beginnings of industrialism. Offered 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.

**HUM 495. Senior Project.** 1 hours. In this capstone course students will meet with an instructor each 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. Prerequisites: Humanities and Fine Arts major and senior standing.

**INB 445. Seminar in International Business.** 3 hours. This course will investigate, compare, and contrast emerging topics, practices, and regulations in the field of international business. Prerequisite: senior standing.

**INB 475. International Business Strategy.** 3 hours. This capstone course will integrate the numerous business management courses as students learn to conduct a strategic analysis and make sound strategic decisions using a real company. Prerequisites: business major with senior standing and Act 212, Mgt 321, and Mkt 341.

**INB 490. Seminar in International Business.** 2 hours.

**INT 098. Close Advisement.** 0.5 hours. 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 memorization concepts. Enrollment is a year-long commitment and is limited to students in the Close Advisement Program. Students will meet with an instructor based on their academic needs.

**INT 099. Commitment to Success.** 0.5 hours. 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 memorization 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. During the following the first seven (7) weeks students will meet with an instructor 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 and will include 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.

**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 Lat 101, Latin 1. Prerequisite: Lat 101 or equivalent. Offered in alternate years.

**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. Through an overview of world trade and investment patterns, international sourcing, marketing, and management for global businesses, this course will emphasize international trade theory, the world financial environment, and the role of multinational corporations including international sourcing, marketing, and management for global business. Prerequisite: Mgt 321.

**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, and career 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: MGT 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 challenges 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.

**MGT 490. Internship: Management.** 2 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship.

**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, 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 of selling: prospecting, communication skills, building rapport, presentation, 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. Services Marketing.** 3 hours. Through the examination of a wide variety of services this course will look at the marketing implications of the differences between goods and services including the unique characteristics of services marketing, the relationship between the service provider and customer, the management of services, the evaluation of service quality, and techniques for service improvement. Prerequisite: Mkt 341.

**MKT 363. Computer Graphics.** 3 hours. This course will use Adobe Photoshop or similar product to develop student skills in the creation and execution of computer graphics for advertising, illustration, or enhancement of business products.

**MKT 365. Computer Graphics with Motion.** 3 hours. This course will use Adobe Premier or similar product to develop 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 provide a broad overview of digital media including effective web design, SEO (search engine optimization) strategies, social media tools, mobile marketing, metrics, and analytics with a focus on business strategies and trends while using the appropriate digital tools for maximum effectiveness. Prerequisite: Mkt 341.

**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 advantage based on customer and competitor analysis. Case studies will which require a realistic diagnosis of company problems, development of alternative courses of action, and the formulation of specific recommendations will be used. Prerequisites: Mkt 371, 442, and 445.

**MKT 490. Internship: Marketing.** 2 hours. This course is a practical working experience where students meet with their internship director before beginning their internship for advice and approval on placement. Regular student reports and written feedback from the sponsoring business are required and must demonstrate the skills acquired during the internship.

**MTH 201. Principles of Mathematics.** 3 hours. Through a study of mathematics competencies required for the liberal studies major this course will include logic, algebra, functions, counting, probability, and statistics with problem solving being emphasized throughout the course. Prerequisite: Intermediate Algebra or equivalent.

**MTH 211. The Nature of Mathematics.** 3 hours. The goals of this course are to develop a better perspective of mathematics and discover 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. Additional topics, selected by the instructor, will also be discussed. Writing, projects and traditional methods of assessment will be used. Prerequisite: Intermediate Algebra or equivalent.

**MTH 221. The 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 requirements of the business program. Students will gain knowledge about the nature of mathematics and develop analytical reasoning skills to solve problems such as ratio analysis, net present value, descriptive statistics, statistical influences in market research, investment option evaluations, and statistical sampling.

**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-, 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 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 Mth 271, Calculus 1, this course will include a study of integral calculus with and 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 advanced placement 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. Prerequisite: junior or senior standing.

**MTH 373. Calculus 3.** 4 hours. A continuation of Mth 272, Calculus 2, this course will include the study of vector and three-dimensional calculus, partial derivatives, multiple integrals, differential calculus, and other selected topics in vector calculus. Prerequisite: Mth 272 or appropriate advanced placement 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; and 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 Mth 387, Theory of Probability, this course will cover various multivariate probability distributions, bias and unbiased estimators, Least Square estimation, ANOVA, Block Designs, 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 425. History of Math. 2 hours.**

**MTH 471. Linear Algebra . 3 hours.** This course will study matrices, determinants, vector spaces, inner products, linear transformations and programming, eigenvectors including matrices, differential 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  $\mathbb{R}^n$ , continuity, differentiability, integration, and how these topics are related. Included will be proofs of the Heine-Borel and Bolzano-Weierstrass theorems, the intermediate 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 (Individualized Study). 1.5 hours.** The first of two capstone courses for all math majors. Students will meet as a group once per week to review major competencies and take group-wide assessments. Working with a faculty mentor students will also complete a preliminary research abstract on a topic of their choice and give a short presentation regarding their preliminary findings for reaction and feedback. Prerequisite: senior standing.

**MTH 496. Topics in Mathematics: Final Research and Presentation (Individualized Study). 1.5 hours.** The second of two capstone courses for all math majors. Working with a faculty mentor students will complete their research begun in Mth 495 and present their findings to a committee. Inclusion of the research project in the President's Academic Showcase for Undergraduate Research is encouraged. Prerequisites: Mth 495 and senior standing

**MU \_\_\_\_\_. Applied Music. 5+ hours.** Every semester on a principal instrument at least to Level 401.

NOTE: See music department or registrar for registration form. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office.) Applied lessons may be repeated for credit but only four (4) units of ensemble, applied lessons, and/or PE activity courses will apply toward graduation except in the case of students in a music major or minor where additional units are required.

**MU \_\_\_\_\_. Applied Music: Composition. 3 hours.** Composition.

**MU \_\_\_\_\_. Applied Music: Secondary Instrument or Techniques. 2 hours.** Secondary instrument and/or instrumental techniques courses up to two [2] units at the 200 level.

NOTE: See music department or registrar for registration form. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office.) Applied lessons may be repeated for credit but only four (4) units of ensemble, applied lessons, and/or PE activity courses will apply toward graduation except in the case of students in a music major or minor where additional units are required.

**MU \_\_\_\_\_. Applied Music: Instrument. 4 hours.** One (1) instrument achieving 300 level.

NOTE: See music department or registrar for registration form. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office.) Applied lessons may be repeated for credit but only four (4) units of ensemble, applied lessons, and/or PE activity courses will apply toward graduation except in the case of students in a music major or minor where additional units are required.

**MU \_\_\_\_\_. Applied Music: Voice. 4 hours.** Four (4) semesters of voice with at least one (1) semester at the 300 level.

NOTE: See music department or registrar for registration form. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office.) Applied lessons may be repeated for credit but only four (4) units of ensemble, applied lessons, and/or PE activity courses will apply toward graduation except in the case of students in a music major or minor where additional units are required.

**MU \_\_\_\_\_. Applied Music.** 2 hours. 200 or 300 level.

NOTE: See music department or registrar for registration form. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office.) Applied lessons may be repeated for credit but only four (4) units of ensemble, applied lessons, and/or PE activity courses will apply toward graduation except in the case of students in a music major or minor where additional units are required.

**MUE 234. The Concordia Choir.** 1 hours. 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. 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 students in a music major/minor where additional units are required.

Membership is by audition.

**MUE 236. Concordia Master Chorale.** 1 hours. 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. The Chorale normally presents three (3) programs per year. 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 students in a music major/minor where additional units are required. Membership is by audition.

**MUE 238. Concordia Women's Ensemble.** 1 hours. 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. 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 students in a music major/minor where additional units are required. Membership is by audition.

**MUE 239. Concordia Men's Chorus.** 1 hours. 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. 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

students in a music major/minor where additional units are required. Membership is by audition.

**MUE 240. Elementary Handbells (Carillon Ringers).** 1 hours. This is an introductory experience in handbell technique, note-reading, and performance of elementary literature. All ensembles may be repeated for credit, but only two (2) units will apply toward graduation except in the case of students in a music major/minor where additional units are required. There may be an additional charge for required field trips or tours. Membership is open to all students as space permits, no handbell experience required.

**MUE 241. Intermediate Handbells (Chapel Bells).** 1 hours. 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. 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 students in a music major/minor where additional units are required. Prerequisite: music performance experience.

**MUE 242. Spirit Bells.** 1 hours. This group will focus on intermediate and advanced handbell techniques used in performing advanced literature in concerts, area churches, on campus, and on tour. 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 students in a music major/minor where additional units are required. Membership is by audition; previous handbell experience is expected.

**MUE 243. Concert Handbells.** 1 hours. This group will focus on significant five (5) and six (6)-octave handbell literature in concerts, on tours, and at campus events; mastery of advanced techniques will be included. 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 students in a music major/minor where additional units are required. Membership is by invitation only.

**MUE 244. Handbell Quartet.** 0.5 hours. This quartet is an intensive experience in small-ensemble handbell performance with possible off-campus travel. 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 students in a music major/minor where additional units are required. Membership is selected from ringers in one of the touring handbell ensembles.

**MUE 251. Concordia Wind Orchestra.** 1 hours. An orchestra of woodwinds, brass, and percussion that performs significant literature in concerts, tours, and worship services with an emphasis on the development of advanced ensemble



playing techniques, musical perception, and music ministry. 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 students in a music major/minor where additional units are required. Membership is by audition/selection.

**MUE 252. String Ensemble.** .5 hours. An ensemble that performs significant literature for symphony, chamber orchestra, and string ensemble in concerts and worship services with an emphasis on the development of advanced ensemble playing techniques, musical perception, and music ministry. 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 students in a music major/minor where additional units are required. Membership is by audition/selection.

**MUE 253. Concordia Brass.** 0.5 hours. This is a select ensemble of brass and percussion instruments playing for special performances on and off campus. 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 students in a music major/minor where additional units are required. Membership is by invitation from among students registered in MuE 251, Concordia Wind Orchestra.

**MUE 254. Woodwind Ensemble.** 0.5 hours. This is a select ensemble of woodwind instruments playing for special occasions on and off campus. 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 students in a music major/minor where additional units are required. Membership is by invitation from among students registered for MuE 251, Concordia Wind Orchestra.

**MUE 255. Jazz Combo.** 0.5 hours. This combo provides an opportunity for advanced musicians to cultivate skills in jazz improvisation and performance. 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 students in a music major/minor where additional units are required. Membership is by audition.

**MUE 256. Percussion Ensemble.** 0.5 hours. This select ensemble of percussion students will play for special performances on and off campus. 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 students in a music major/minor where additional units are required. Membership is by invitation.

**MUE 257. Jazz Ensemble.** 0.5 hours. This ensemble will perform significant jazz literature for saxophones, trumpets, trombones, and rhythm instruments in concerts and events on and off campus. The development of advanced playing techniques, musical perception, and improvisation will be

emphasized. 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 students in a music major/minor where additional units are required. Membership is by audition.

**MUE 258. Flute Ensemble.** 0.5 hours. This select ensemble of flute instruments will play for special occasions on and off campus. 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 students in a music major/minor where additional units are required. Membership is by invitation from among students registered for MuE 251.

**MUE 259. Concordia Sinfonietta.** 1 hours. This ensemble will perform significant literature for string instruments in concerts and worship services with an emphasis on the development of advanced playing techniques, musical perception, and music ministry. 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 students in a music major/minor where additional units are required. Membership is by audition.

**MUE 281. Beginning Worship Ensemble.** 0.5 hours. Focused classroom and rehearsal experience teaching standard concepts and worship band ensemble methods that are applied in the preparation and performance of much of today's modern worship repertoire. This course is open to all students but specifically required for all incoming freshmen or transfer students that are new to our worship band program. All ensembles may be repeated for credit, but only two (2) units will apply toward graduation except in the case of students in a music major/minor where additional units are required.

**MUE 282. Intermediate Worship Ensemble.** 0.5 hours. Rehearsal of basic contemporary worship repertoire for use in campus chapel and worship services. Worship ensembles meet on a weekly basis and personnel can vary depending on schedule availability. Placement into a worship ensemble is by audition and/or invitation only. 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 students in a music major/minor where additional units are required. Prerequisite: MuE 281.

**MUE 284. Guitar Ensemble.** 0.5 hours. This ensemble is made up of select guitar students for special performances on and off campus. 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 students in a music major/minor where additional units are required. Membership is by invitation from the guitar studio.

**MuE \_\_\_\_\_ Ensemble.** 4 hours. 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 students in a music major/minor where additional units are required.

**MuE \_\_\_\_\_ Ensemble.** 2 hours. 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 students in a music major/minor where additional units are required.

**MUKO 102. Keyboard Improvisation.** hours.

**MUKP 202. Piano.** hours. Taken if piano is not the primary instrument.

**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. 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 Mus 201, 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: Mus 201; normally taken concurrently with Mus 212.

**MUS 211. Aural Skills 1.** 1 hours. This course will reinforce the material and experiences from Mus 201, 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 hours. A continuation of Aural Skills 1. Co-requisite: normally taken concurrently with Mus 202.

**MUS 215. Music Technology .** 1 hours. 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 Mus 221, 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 hours. 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 Mus 202, Music Theory 2, and Mus 212, 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 Mus 303, 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 hours. 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 hours. 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 hours. 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 hours. 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 hours. A continuation of Mus 303, Aural Skills 2. Prerequisite: Mus 303.

**MUS 324. Aural Skills 4.** 1 hours. A continuation of Mus 323, Aural Skills 3. Co-requisite: Mus 304 and 323.

**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; and 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 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 hours. 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 (1) 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 (1) history course, and one (1) 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 (2)-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, 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; 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; 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.

Prerequisites: Mus 101, 102, or equivalent; basic music reading 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 483. A Survey of Christian Hymnody . 3 hours.** This is a 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 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. Credit earned in three 3-unit increments. Prerequisites: fingerprint clearance and approval of DPM program director.

**MUS 492. Senior Field Work in Church Music 2. 3 hours.** A continuation of Mus 491, Senior Field Work in Church Music 1. Prerequisites: Mus 491; approval of Parish Music program director.

**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. The following may be included: 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 Senior Project Guidelines available in the Music Office)

**MUS \_\_\_\_\_. Upper Division Elective. 3 hours.**

**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, 471, 481, 482, 483, and Mus/Thl 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; Mus/Thl 482 and 483 are also suggested.

**MUVO 100. Voice Class. 1-2 hours.** Private Lessons

**MUVO 101. Private Lessons: Voice. 1-2 hours.** Private Lessons

**MU \_\_\_\_ 100-101. Classroom Instruction. 1-2 hours.** Group instruction for beginning students available in voice, piano, guitar, or orchestral/band instruments. See music department or registrar for registration forms. A fee (see Tuition and Fees) may be assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrument codes. A complete list is available in the music office (CUC 109).

**Mu \_\_\_\_ 100-401. Private Instruction. 1-2 hours.** Private lessons on voice, instrument, or in composition.

\* One (1)-unit lessons meet for the equivalent of thirty (30) minutes per week.

\* Two (2)-unit lessons meet for the equivalent of sixty (60) minutes per week.

Four (4) levels of study reflect sequential progress and achievement in the lessons. Students are eligible for promotion through completion of a jury at the end of each semester. Prerequisite for composition: faculty approval. A fee (see Tuition and Fees) is assessed which includes instruction and access to practice facilities. The blank spaces following MU are for instrument codes.

**Mu \_\_\_\_ 101. Classroom Instruction. 1 hours.** Group instruction on the fundamentals of voice, piano, or guitar. There is no additional fee for enrollment in classroom instruction.

**MU\_\_ 102-401. Applied Music Instruction.** 1 hours.

Instruction is offered in voice, piano, guitar, organ, handbells, composition, and all standard orchestra instruments. A fee (see Tuition and Fees) is assessed which includes instruction, access to an accompanist, and use of practice facilities. The blank spaces following MU are for instrumental codes (complete list available in the music office). Applied lessons may be repeated for credit, but only four (4) units of ensemble, applies lessons, and/or PE activity classes will count toward graduation EXCEPT in the case of music major or minor students where additional credits are required.

**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 the 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).

**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. 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. Prerequisites: 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

health ethics. Special attention will be given to contemporary developments in both religious and philosophical ethics and the possibilities for dialog between philosophical theories, religious voices, and biblical ethics. This will be closely tied to a range of concrete cases and narratives likely to be encountered by today's health care professionals.

**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 211-H. Physics 1: Honors (calculus-based).** 4 hours. This course will study Newtonian mechanics including vectors and scalars, kinematics and dynamics of translational and rotational motion, Newton's Laws, speed, velocity, acceleration, force, torque, work, energy, linear and angular momentum, wave and harmonic motion, gravitation, friction, conservation of energy and momentum, and thermodynamics. Co-requisite: Mth 271 or consent of the instructor.

**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.

**PHY 212-H. Physics 2: Honors (calculus-based).** 4 hours.

**PHY 231-H. Honors Astronomy: Introduction to Planetary Astronomy.** 4 hours. This course will present an integrated and interdisciplinary introduction to the chemistry and physics within the study of astronomy by emphasizing key concepts, significant chemical and physical phenomena, and practical applications along with a brief introduction to the historical, philosophical, epistemological, and theological underpinnings of astronomy in current Christian apologetic context. Prerequisite: CMth 101 or completion of the general education math requirements, or concurrent registration.

**POL 304. International Relations.** 3 hours. This course will explore the basic background and methods for the 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. The case study method will be used to introduce students to legal reasoning including 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 attention given to the questions facing every generation concerning the nature of political association and the good society. Students will become familiar with each major political thinker, the

context in which they wrote, and their influence upon the history of ideas.

**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. Attention will be given to the questions facing every generation concerning the nature of political association and the good society. Students will become familiar with each major political thinker, the context in which they wrote, and their influence upon the history of ideas.

**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 attention being paid to culture, governance, and the 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 an 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 an integral part of a professional program and contributes significantly to a student's preparation for entrance into a profession. Approximately forty (40) contact hours are required for each unit of credit. Each department may limited the maximum number of internship credits. Offered in alternate years.

**PSY 101. Introduction to Psychology.** 3 hours. Concepts and principles pertinent to the 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 the topic of human sexuality with a foundation in Christian ethics guiding sexual conduct and the development of sexual behavior including gender identity, sexual orientation, sexual anatomy, contraception, reproduction and birthing, sexually transmitted diseases, sexual dysfunctions, and the paraphilias.

**PSY 261. Chemical Dependency and Addiction.** 3 hours. An introductory course to addictive behaviors connected with

alcoholism and drug use with the goal of teaching students to understand the biological and psychological processes of addiction and how to use a variety of 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 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 students 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 while 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 individuals unique adjustments to their environment including the major issues and 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 presented at a professional conference.

**PSY 382. Advanced Research Methods 2.** 3 hours. A continuation of Psy 381, Advanced Research Methods 1. Prerequisite: Psy 381.

**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. This 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 will 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 credits.

**SCI 103. Safety Seminar.** 1 hours. 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. Prerequisite: 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. Lab 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 will be included. Prerequisites: Bio 101 or CBIO 101; 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 (2) weekend field trips are possible (Friday afternoon through Sunday). Prerequisites: Bio 101, 111 or CBio 101; Sci 115. Offered in alternate years.

**SCI 390. Practicum: Science.** 2 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.

**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.

**SOC 101. Introduction to Sociology.** 3 hours. This course will analyze the topics of social interaction, relationships, deviance, control, institutions, processes, and change; socialization; family and educational problems; child abuse; 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 sub-cultural communities and the larger society; examining the factors and processes in the formation of minority groups; and the 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, political, urbanization, environmental, 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. An emphasis will be placed 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: minimum of sophomore standing.

**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 365. Sociology of Globalization.** 3 hours. This course will investigate globalization and its impact on the political, social,

and cultural arrangements around the world. Students will investigate the various definitions and interpretations of globalization; analyze how globalization is experienced in different countries; and examine the various reactions to globalization - both for and against.

**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.

**SPA 101. Spanish 1.** 4 hours. Through a natural approach to Spanish this course, for students who have had no or less than two (2) years of high school instruction, will emphasize speaking, listening, reading, and writing. The course will be taught in Spanish

**SPA 102. Spanish 2.** 4 hours. A continuation of Spa 101, 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.

**THL 101. Foundations of Christian Theology.** 3 hours. This course will study the source of Christian theology, namely the Holy Scriptures and drawing upon the Scriptures as well as historical and doctrinal writings by Christian theologians, students will examine major teachings of the Christian faith. 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 hours. This course will introduce students to the theology and practice of Christian evangelism through the development of the skills needed to share the Gospel with others.

**THL 281. Introduction to Worship Arts .** 1 hours. 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 and 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 some time be 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, 200, 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 the 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. Prerequisite: CThl 101, 200, 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 2nd 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, 200, 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 professionals. 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, to develop the skills needed to share the Gospel with others. Offered in alternate years.

**THL 483. A Survey of Christian Hymnody .** 3 hours. This is a 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 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 the Lutheran, Christian context. Prerequisite: Thl 382; Mus 331 or 482, 471, 481, 483 and 485 are also suggested. Offered in alternate years.

**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; Mus 482 and 483 are also suggested.

**THL 489. Integrated Theology.** 1 hours. 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.

**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. There may be an additional charge for required field trips.

**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, 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. There may be an additional charge for required field trips.

**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. There may be an additional charge for field trips. 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. There may be an additional charge for field trips. 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 (additional charge) and participation in on-campus production 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 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, sound, and the practical application of these 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 renderings this course will include an 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. Intercultural issues in performance, performing for religious audiences, and performance of non-fiction will also be examined. There may be an additional charge for required field trips. Offered in alternate years.

**THR 351. Play Direction 1.** 3 hours. This course will introduce the following techniques: play selection and analysis; auditioning; scene design and staging; actor coaching; rehearsal strategies; and production management. Both the principles for proscenium and the open stage will be discussed along with the presentation and evaluation of workshop scenes. Prerequisites: Thr 251, 261, and 262 or consent of instructor.

**THR 371. 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 including exercises, analytical skills, rehearsal procedures, and methods

of artistic criticism. There may be an additional charge for required field trips. 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 students will work on one or more theatre productions. Credit 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 academic experience. Credit 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. There may be an additional charge for required field trips. Prerequisite: Thr 251 or consent of the instructor. Offered in alternate years.

**THR 442. Theatre and Culture 2.** 3 hours. As a continuation of The 441, Theatre and Culture 1, this course will examine theatre culture 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 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 Thr 351, 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; and artistic direction and dramaturgy in the contemporary theatre. Workshop scenes are presented and evaluated. There may be an additional charge for required field trips. 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. An emphasis will be placed upon the techniques of perception, imagination, and integration used in developing a concept and determining specific performance and design choices with the application of analysis through projects and presentations. Offered 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. There may be an additional charge for required field trips. 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).

**World Language Second (2nd) semeste. Any second (2nd) semester world language.** 3 hours.

**WRT 099. Introduction to College Writing.** 3 hours. In this course students will strengthen their writing skills so they become comfortable and competent writing essays on the college level. Class meetings will be dedicated to reading and analyzing essays and articles; reviewing functional grammar and sentence skills; writing coherent, well-developed paragraphs and essays; and learning essential research and documentation techniques. Placement by SAT or ACT score. Credits do not count toward graduation.

**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 including the 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 including 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 fiction writing process through the completion of several short stories, close analysis of published works, and participation in writing workshops. Prerequisite: Wrt 102 or 201. 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. Included will be discussion of the students' own creative work and a wide variety of anthologized poetry in a workshop setting. Offered in alternate years. Prerequisite: Wrt 102 or 201.

**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 including 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. Offered in alternate years. Prerequisite: Wrt 102 or 201.

**WRT 337. Writing for the Stage and Screen .** 3 hours. An introductory course to the art of writing dramatic works through the exploration of techniques, practice, close analysis of published works, and student workshops. Offered in alternate years. Prerequisite: Wrt 102 or 201.

**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 through the creation of new work and revising previously written work in a workshop setting. Offered in alternate years. Prerequisites: two (2) of the following courses-Wrt 324, 327, 328, 329, 333, or 337.

**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.

\_\_\_\_\_. **Second Biblical Language.** 9 hours.

\_\_\_\_\_. **299/399. New Trial Course Offering.** hours. A course being developed and offered for the first time with the department's prefix code and, depending on the appropriate level, a course number of 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 (e.g., write a syllabus) that will result in a significant paper describing the experience and its findings. Approval must be given by the dean of the appropriate school and the Office of the Provost.

\_\_\_\_\_. **Individualized Study.** hours. An arrangement between a student and instructor to offer a course listed in the catalog at a time other than when it is normally offered. This arrangement is reserved for emergency situations and for transfer students unable to work courses offered every other year into their schedule. General education courses may not be taken by supervised study. Approval must be given by the dean of the appropriate school and the Office of the Provost.

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M.A.T., Lewis and Clark College, Portland, OR  
 M.A., Marquette University, Milwaukee, WI  
 Ph.D., Indiana University of Pennsylvania, Indiana, PA

Professor of English  
 President, 2010-present

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M.Div., Concordia Seminary, St. Louis, MO  
 M.A., Washington University, St. Louis, MO  
 Ph.D., University of Southern California, Los Angeles

Theology  
 Founding President, 1972-1979

### Halm, D. Ray

M.A., Ball State University, IN  
 Pastoral colloquy, Concordia Seminary, St. Louis, MO  
 Ed.D., Pepperdine University, Irvine, CA  
 D.D., Concordia Theological Seminary, Ft. Wayne, IN

English  
 President, 1980-1998

### Preus, Jacob A.O.

M.Div., S.T.M., Th.D., Concordia Seminary, St. Louis, MO

Theology  
 President, 1998-2009

### Kramer, Loren T.

M.Div., Concordia Seminary, Springfield, IL  
 D.D., Concordia University, Irvine, CA

Interim President, 2009-2010

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### Baden, Marian J.

M.Ed., Concordia College, Seward, NE  
 Ph.D., University of Nebraska, Lincoln

Education

### Barnes, Robert D.

M.B.A., National University, Irvine, CA

Business

### Bordeaux, Joseph A.

M.Ed., Loyola University, Baltimore, MD  
 Ph.D., St. Louis University, MO

Education

<p><b>Fleischli, M. Sue</b> M.A., Ohio University, Athens</p>	<p>Spanish</p>
<p><b>Harms, Richard H.</b> M.S., University of Southern California, Los Angeles Ph.D., University of California, Riverside</p>	<p>Business</p>
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<p><b>Moon, Shang Ik</b> M.Div., Concordia Seminary, St. Louis, MO M.A., Washington University, St. Louis, MO Ph.D., St. Louis University, MO</p>	<p>Sociology</p>
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<p><b>Rahn, James, E.</b> M.S., Syracuse University, NY</p>	<p>Chemistry</p>

<p>M.A., St. Thomas College, St. Paul, MN  Ed.D., University of Northern Colorado, Greeley  Pastoral colloquy, Concordia Theological Seminary, Ft. Wayne, IN</p>	
<p><b>Rooney, John L.</b>  M.B.A., M.S.B.A., University of Southern California, Los Angeles  D.B.A., U.S. International University, San Diego, CA</p>	Business
<p><b>Schulz, Marlin W.</b>  Teacher colloquy, Concordia College, River Forest, IL,  M.S.Ed., University of Wisconsin, Milwaukee  Ph.D.Ed., University of Nebraska, Lincoln</p>	Education
<p><b>Whelply, Hal H., Jr.</b>  M.A., California State University, Long Beach  Ed.D., Indiana University, Bloomington</p>	Education

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<p><b>Armstrong, Clinton J.</b>  M.Div., Concordia Seminary, St. Louis, MO  M.A., Washington University, St. Louis MO  Ph.D., University of California, Irvine</p>	Assistant Professor of Theology and History
<p><b>Ashmon, Scott</b>  M.Div., S.T.M., Concordia Seminary, St. Louis, MO  M.Phil., Ph.D., Hebrew Union College, Cincinnati, OH  Trembath Professor, 2012-13</p>	Associate Professor of Old Testament and Hebrew
<p><b>Bachman, James V.</b>  M.A., Cambridge University, England  M.Div., Concordia Seminary, St. Louis, MO  Ph.D., Florida State University, Tallahassee  Trembath Professor, 2004-05, 2011-12</p>	Professor of Philosophy/Ethics
<p><b>Bachman, Susan O.</b>  M.A., University of Florida, Gainesville  Ph.D. Florida State University, Tallahassee</p>	Professor of Rhetoric

Teacher Colloquy, Concordia University, Irvine, CA	
<b>Barton, Carolina N.</b> M.A., Gordon-Conwell Theological Seminary, South Hamilton, MA M.L.I.S., Simmons Graduate School of Library and Information Science, Boston, MA	Assistant Professor of Library Science
<b>Benda, Brooke K.</b> M.S., Vanguard University, Costa Mesa, CA	Resident Faculty in Sociology
<b>Bireline, David B.</b> M.Ed. Seattle Pacific University, WA	Resident Faculty in Exercise and Sport Science
<b>Borst, Katharine F.M.</b> M.A., St. Louis University, MO	Assistant Professor of English
<b>Brighton, Mark A.</b> M.Div., Concordia Seminary, St. Louis, MO M.A., Ph.D., University of California, Irvine Trembath Professor, 2007-08	Professor of Biblical Languages and Theology
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<b>Busch, Michael L.</b> M.A., San Jose State University, CA	Professor of Music

<p>D.M.A., University of Colorado, Boulder Teacher Colloquy, Concordia University, Irvine, CA</p>	
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<b>Geisler, Herbert G., Jr.</b> M.A.Ed., Concordia Teachers College, River Forest, IL Ph.D., University of Michigan, Ann Arbor	Professor of Music
<b>Grimalda, Andrew M.</b> M.M.S., Massachusetts Institute of Technology Sloan School of Management, Cambridge	Resident Faculty in Business
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<p><b>Held, Jeffrey M.</b>  M.A., The American Band College, Southern Oregon University, Ashland  Teacher colloquy, Concordia University, Irvine, CA  D.M.A., Boston University, MA</p>	<p>Associate Professor of Music</p>
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<p><b>Hobus, Mary E.</b>  M.S., Andrews University School of Nursing, Berrien Springs, MI  Ph.D., Marquette University, Milwaukee, WI</p>	<p>Associate Professor of Nursing</p>
<p><b>Hoffmann, Malia H.</b>  M.A., Marian University, Fond du Lac, WI  Ed.D. cand., Pepperdine University, Los Angeles, CA</p>	<p>Resident Faculty in Nursing</p>
<p><b>Holt, Carol F.</b>  M.S., Ph.D., University of California, Los Angeles</p>	<p>Resident Faculty in Nursing</p>
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<p><b>Kennedy, Kathleen M.</b>  M.S.N., California State University, Fullerton</p>	<p>Resident Faculty in Nursing</p>
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<p><b>Kruger, Niclas T.</b>  M.F.A., California State University, Fullerton</p>	<p>Associate Professor of Art</p>
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