



2019-2020 Academic Course Catalog

11400 Concordia University Drive
Austin, Texas 78726

This Academic Course Catalog may not include all approved course offerings for the academic year. This is the course listing at the time of publication, any new courses approved throughout the school year will be added to the next year's course catalog.

Concordia University Texas is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate, bachelor, and master degrees along with the Doctorate in Education (Ed.D). Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Concordia University Texas.

Table of Contents

| | |
|---|----|
| COURSE INFORMATION AND DESCRIPTIONS | 5 |
| Course Numbering System | 5 |
| Independent Study | 5 |
| National/International Study | 5 |
| ACCOUNTING | 5 |
| AMERICAN SIGN LANGUAGE | 8 |
| ART | 8 |
| BIOLOGY | 9 |
| BUSINESS ADMINISTRATION | 13 |
| CHEMISTRY | 24 |
| CHINESE – MANDARIN | 26 |
| COMMUNICATION | 27 |
| COMPUTER SCIENCE | 31 |
| CRIMINAL JUSTICE | 34 |
| CURRICULUM AND INSTRUCTION | 39 |
| DIFFERENTIATED INSTRUCTION | 41 |
| EARLY CHILDHOOD EDUCATION | 42 |
| ECONOMICS | 43 |
| EDUCATION ADMINISTRATION | 48 |
| ENGLISH | 52 |
| ENVIRONMENTAL SCIENCE | 56 |
| FINE ARTS | 59 |
| FRENCH | 59 |
| GEOGRAPHY | 59 |
| GERMAN | 60 |
| GEOLOGY | 60 |
| GREEK | 60 |
| HEALTH CARE ADMINISTRATION | 61 |
| HEBREW | 62 |
| HISTORY | 63 |
| HUMAN RESOURCE MANAGEMENT | 67 |
| KINESIOLOGY | 68 |
| LATIN | 73 |
| LEADERSHIP | 74 |
| LITERACY CURRICULUM | 75 |
| MASTER OF BUSINESS ADMINISTRATION | 76 |
| MASTER OF EDUCATION | 81 |

| | |
|--|-----|
| MATHEMATICS | 82 |
| MINISTRY..... | 87 |
| MULTIDISCIPLINARY | 87 |
| MUSIC | 87 |
| Applied Music Lessons – Initial Level..... | 87 |
| Applied Music Lessons – Advanced Level | 88 |
| PHILOSOPHY | 94 |
| PHYSICS..... | 95 |
| NURSING..... | 95 |
| POLITICAL SCIENCE | 103 |
| PSYCHOLOGY | 106 |
| PUBLIC HEALTH | 109 |
| READING | 111 |
| RELIGION..... | 111 |
| RELIGIOUS EDUCATION | 114 |
| SCIENCE | 118 |
| SERVICE LEARNING..... | 118 |
| SOCIOLOGY | 119 |
| SPANISH | 120 |
| SPECIAL EDUCATION | 121 |
| SPORTS ADMINISTRATION | 123 |
| THEATER | 124 |

Course Information and Descriptions

Course Numbering System

- The first digit shows the level at which a course is ordinarily taught.
 - "1" level courses are open to first-term freshmen.
 - "2" level courses are open to freshmen, but typically have a college-level prerequisite.
 - "3" level courses are upper-level courses.
 - "4" level courses are typically terminal courses within a major.
- The second digit in the course number shows the credit hours of credit the course carries.
- The remaining two numbers indicate a sequence within the discipline.
- The numbers following the course title designate the numbers of lecture/lab hours the course requires each week (based on a traditional 15-week semester).

Independent Study

XXX 3399 Independent Study: (Topic)

Individual tutorial emphasizing close reading and discussion of literature in an area of the student's interest. Student decides on area of interest, prepares initial draft of syllabus, objectives, and text book selection. Student presents prepared information to selected faculty sponsor for review and approval. Prerequisites: A 2.75 cumulative GPA and a 3.25 average GPA in either: twelve credit hours of course work in the chosen discipline, including six upper-level-hours and consent of instructor, Director of the Major and Dean of the College. Additional fee required.

National/International Study

XXX 3X98 National/International Studies: Study of _____ Allows students to experience other cultures first-hand through travel. Experiences are arranged carefully prior to, during and following the trip to enhance student learning. Course may be offered on a Pass/Fail basis and with variable credit from one to three credit hours. Course may be repeated with varied topics. Standard tuition is not charged. Course fee includes cumulative cost of trip + \$200 administrative fee. A travel course lasting four or more days may fulfill all or part of the Experiential Learning requirement.

ACCOUNTING

ACC 2301 Fundamentals of Financial Accounting 3, 0

Students will study the accounting cycle, financial statements, accounting analysis, assets, liabilities, capital and analysis of financial statements.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

ACC 2302 Fundamentals of Managerial Accounting 3.0

Students will study accounting for partnerships and corporation owner's equity, management accounting, and developing information for production decision making.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: ACC 2301

ACC 3301 Intermediate Accounting I 3,0

Provides in-depth knowledge of basic accounting principles and procedures including analysis of traditional accounting statements to discern organizational strengths and weaknesses.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301 and ACC 2302

ACC 3302 Intermediate Accounting II 3,0

A continuation of ACC 3301.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301, ACC 2302, and ACC 3301

ACC 3320 Fundamentals of Taxation 3, 0

Introduction to the role of taxes in contemporary society and their impact on individuals and business entities with emphasis on Federal income taxation.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 3340

ACC 3340 Financial Statement Analysis 3,0

A comprehensive analysis of financial statements as an aid to decision making.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301 and ACC 2302

ACC 3350 Management Control Systems 3,0

Provides the mature Business Management/Accounting student an extensive view of the role the Controller plays in today's organization. Students will develop insight into the Controller's unique responsibility as the communications link between operations and top management.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301 and ACC 2302

ACC 3360 Cost Accounting 3,0

The origination, processing, reporting, and use in business operations of accounting information for management purposes. Also integrates topics in cost data processing, economic analysis, capital budgeting, management and financial control, and behavioral science.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301 and ACC 2302

ACC 3370 Auditing Theory and Practice 3,0

Principles and procedures applied by independent auditors and internal auditors, responsibilities of auditors, development of audit programs, accumulation of evidence, statistical and EDP auditing applications and reporting.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301 and ACC 2302

ACC 3371 Accounting Information Systems

Introduction to accounting information systems and their roles in the accounting environment. Systems covered include manual accounting, computerized accounting, and Internet electronic commerce applications. Emphasis is upon developing students' abilities to understand the processing of accounting data and the controls that are necessary to assure accuracy and reliability of the data processed by the accounting system.

Course Rotation: *Course Fee: None*
Pre-Requisites: ACC 2301, ACC 2302, and ACC 3301

ACC 3382 Fraud Examination 3,0

Develops an understanding and appreciation of the major methods employees use to commit occupational fraud. Students will learn how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.

Course Rotation:

Course Fee: None

Pre-Requisites: ACC 2301 and ACC 2302

ACC 4310 Accounting Internship 3,0

Provides students with job searching skills, on-the-job work experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any accounting major. An upper-level course for business majors. Graded on a pass/no pass basis. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Students may enroll in this course any time during the semester prior to the “last day to withdraw from a class with a W” as published in the official academic calendar.

Fulfills experiential learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: ACC 3301, ACC 3302, 6 additional hours of upper division ACC coursework

ACC 4321 Corporate, Partnership, Estate and Gift Taxation 3,0

Introduction to advanced taxation including corporations and shareholders, international taxation, S corporations, estate, gift, trusts, beneficiaries, and family tax planning.

Course Rotation:

Course Fee: None

Pre-Requisites: ACC 2301, ACC 2302, and ACC 3320

ACC 4330 Gov. and Institutional Accounting 3,0

Budgeting, accounting, auditing, and financial reporting principles and practices for government and non-profit entities.

Course Rotation:

Course Fee: None

Pre-Requisites: ACC 2301 and ACC 2302

ACC 4311 International Accounting

This course covers a broad of accounting challenges faced by multinational enterprises as well as ways different countries perceive and interpret certain accounting topics and the rationale for how to deal with them

Course Rotation:

Course Fee: None

Pre-Requisites: ACC 2301, ACC 2302, ACC 3301, and ACC 3302

ACC 4380 Advanced Financial Accounting 3,0

Accounting problems in respect to multiple ownership, consolidated financial statements and partnership accounts; modern currency translations; segmental reporting, and advanced accounting theory.

Course Rotation: Course Fee: None

Pre-Requisites: ACC 2301, ACC 2302, ACC 3301 and ACC 3302

ACC 4381 Accounting Theory 3,0

Provides the mature accounting student a frame of reference in the understanding of financial accounting and financial theory. Students will develop insight into the logic behind current accounting practice as well as the development of new practices and procedures.

Course Rotation:

Course Fee: None

Pre-Requisites: ACC 2301, ACC 2302, ACC 3301 and ACC 3302

AMERICAN SIGN LANGUAGE

ASL 1311 Sign Language & Deafness - Beginning 3,0

American Sign Language (ASL) is the language of the Deaf community in the United States and Canada. The course also treats Deaf culture. This course, together with ASL 1312, meets requirement for modern language.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

ASL 1312 Sign Language & Deafness – Intermediate. 3,0

Intermediate American Sign Language (ASL), is the further study of the language of the Deaf community in the United States and Canada. Beginning and Intermediate American Sign (ASL 1311 and ASL 1312) together meet the requirement for modern language.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: ASL 1311

ART

ART 1302 Survey of Art History 3,0

This class is designed as a survey of the history of Western art from ancient through contemporary times, with emphasis on the major artists and works of art. It will also introduce some of the major methodologies used to approach topics in art history. Class time will be divided between slide lectures and in-class discussions over the readings.

Course Rotation: Summer Even Years

Course Fee: None

Pre-Requisites: None

ART 1305 Introduction to Art History: Modern 3,0

This course covers the history of visual art from the Renaissance to the present. It is taught with a European-American perspective, and includes painting, sculpture, architecture and other major areas of study.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

ART 1306 Drawing Media 2,2

Basic drawing using graphite as the primary media. Will also include some or all of the following: charcoal, ink, metal point, monoprint, and oil sticks.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

ART 1308 Introduction to Photography 2,2

Basic photography course with emphasis upon technical skill development, camera use and operation, digital operation methods and techniques.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ART 1315 Art Theory and Practice 3,0

A survey which includes study of art history, art criticism, aesthetics, and studio production, including study and use of all principles and elements of art in a variety of media, practicing critical evaluation of art production in progress; and development of knowledge and skills for personal growth.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ART 2310 Glass – Fusing and Slumping

An introduction to the sculptural qualities of glass through fusing and slumping processes. Class content will emphasize the process of ideation and design utilizing surface, translucency, and transparency. May be repeated for credit with instructor permission.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

ART 2320 Ceramics 2,2

Study of hand building techniques, clay bodies, and glazes using low fire clay. May be repeated for credit.

Course Rotation: Every Fall & Spring

Course Fee: \$45

Pre-Requisites: None

ART 3308 Color 3,0

This color course offers a new interdisciplinary model connecting diverse experiences and practical tools to navigate the complex network of color codes we inhabit. Exploration of color theories includes the practical use of color in its many different everyday engagements.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ART 3312 Painting 2,2

Study of oil painting techniques, color theory, design application, and styles of various well-known artists. May be repeated for credit.

Course Rotation: Every Fall

Course Fee: \$45

Pre-Requisites: None

ART 4306 Art as Vocation 3,0

This course prepares you in professional concerns of aesthetics, studio practices, exhibitions, and working with art institutions. Emphasis will be placed on developing an audience, marketing art, planning programs/events, financial planning, writing proposals/grants, and art industry management. Readings will explore artistic vocation with a Biblical, historical, theological, and contemporary perspective.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Any 6 credit hours of ART

ART 4312 Painting II 2,2

In this course you will continue to increase your skills in oil painting. You will have the opportunity to develop your ideas concerning genres of landscape, still life and the figure, while exploring and expanding your interests in abstraction, representation, collage and digital applications.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: ART 3312

BIOLOGY

BIO 1101-1106 Field Biology

BIO 1101-1106 are a series of mini-course field experiences to study the ecosystems of selected areas of Texas; some courses require good physical conditioning due to strenuous hiking activity. Field Biology may be repeated for credit under each separate number; the same number course may not be repeated for

credit. Up to three of these one-hour courses in any combination may be used as a non-lab Natural Science within the core. These courses require a special course fee to cover travel and special equipment. Fulfills one (1) credit hour of Experiential Learning

Course Rotation: One Course Fall & Spring *Course Fee: Varies*

Pre-Requisites: Consent of instructor.

BIO 1101 Field Biology East and Southeast Texas 1,0

BIO 1102 Field Biology Rio Grande Valley 1,0

BIO 1103 Field Biology Southwest Texas 1,0

BIO 1104 Field Biology Panhandle and Northwest Texas 1,0

BIO 1105 Field Biology Central Texas 1,0

BIO 1106 Field Biology Guadalupe Mountains 1,0

BIO 1401 Principles of Biology 3,2

General concepts of biology with emphasis on man in God's world. This course meets the core natural science requirement for non-science majors.

Course Rotation: Every Fall

Course Fee: \$75

Pre-Requisites: None.

BIO 1402 General Zoology 3,2

The anatomy, physiology, behavior and ecology of major animal groups.

Course Rotation: One Course Fall & Spring

Course Fee: \$75

Pre-Requisites: None

BIO 1403 Cellular and Molecular Biology 3,2

Modern concepts of cellular functions at the molecular level. This course meets the core natural science requirement.

Course Rotation: Every Fall & Spring

Course Fee: \$75

Pre-Requisites: Completion of CHE 1341 and 1141 or CHE 1431 with a grade of "C" or higher.

BIO 2401 Survey of Human Anat. & Physiology 3,2

The basic structure and function of the human body systems.

Course Rotation: As Needed

Course Fee: \$75

Pre-Requisites: BIO 1403 or BIO 1401 and high school chemistry or equivalent.

BIO 2403 General Botany 3,2

The structure, function, reproduction, taxonomy and ecology of plants.

Course Rotation: Every Spring

Course Fee: \$75

Pre-Requisites: Every Spring.

BIO 2411 Human Anatomy Physiology for Healthcare I

Introduction to the study of human anatomy and physiology for healthcare majors. Begins with an overview of the chemical basis of life and reviews cellular structure, function and metabolism. Course continues with coverage of tissues and five systems (skin and the integumentary system, skeletal system including joints, muscular system, cardiovascular system, and respiratory system) and how they are interconnected, with a particular focus on health. This course may not be used to meet either prerequisites or requisites in majors from the School of Natural and Applied Sciences.

Course Rotation: Every Fall & Spring

Course Fee: \$75

Pre-Requisites: Completion of high school Biology and Chemistry or equivalent. Preferred completion

of CHE 1341 and 1141. Students should be co-enrolled with the laboratory part of the course BIO 2411L.

BIO 2412 Human Anatomy Physiology for Healthcare II

A continuation of the study of human anatomy and physiology for healthcare majors. The course will cover the remaining six systems (nervous system including somatic and special senses, endocrine system, lymphatic system, digestive system, urinary system, and reproductive system) and how they are interconnected, with a particular focus on health. This course may not be used to meet either prerequisites or requisites in majors from the School of Natural and Applied Sciences.

Course Rotation: Every Fall & Spring *Course Fee: \$75*

Pre-Requisites: Successful completion of BIO 2411 Human Anatomy and Physiology for Healthcare I or BIO 3411 Human Anatomy and Physiology I with a grade of "C" or higher. Students should be co-enrolled with the laboratory part of the course BIO 2412L.

BIO 2413 Microbiology for Health Sciences

The Microbiology for the Health Sciences class provides an overview of the microbial world. Topics include the basic characteristics of fungi protozoans, bacteria, and viruses. Special emphasis is placed on topics and applications that relate to human health. This course is intended as a prerequisite for entry into the nursing program. This course may not be used to meet either prerequisites or requisites in majors from the School of Natural and Applied Sciences.

Course Rotation: Every Fall & Spring *Course Fee: \$75*

Pre-Requisites: None. Anatomy & Physiology I or Cellular & Molecular Biology strongly suggested.

BIO 3302 Tropical Biology 3,0

A study of the biology and ecology of tropical ecosystems that includes a substantial field component offered during a semester break or summer. This course also includes a study of environmental concerns and conservation efforts in tropical ecosystems. The field component requires extensive physical exertion and "roughing it." Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.

Course Rotation: Every Spring *Course Fee: Varies*

Pre-Requisites: Consent of the instructor.

BIO 3303 Native Plants

Identification, natural history, economic importance and ecology of plants native to Central Texas.

Course Rotation: Fall Odd Years *Course Fee: None*

Pre-Requisites: None

BIO 3310 Nutrition 3,0

A study of the nutrients and other substances in foods and the body's handling of them. Nutrient requirements associated with various life stages and the impact of various disorders and diseases upon nutrition will also be explored.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: Completion of a college level laboratory science course.

BIO 3350 Biopsychology 3,0

An introduction to the structure and function of the nervous system and the relationship between psychological processes and the brain in humans and other animals. Cross-listed with PSY3350.

Course Rotation: Spring Even Years *Course Fee: None*

Pre-Requisites: PSY 1311

BIO 3370 Ecology of the Pacific Northwest 3,0

A study of the unique wildlife, ecological relationships, and environmental concerns in a variety of aquatic and terrestrial habitats of the U.S. Pacific Northwest. The course includes substantial independent work throughout the semester and culminates with a field experience typically held in Oregon, Washington, and California that requires substantial hiking, outdoor data collection, and journaling. Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.

Course Rotation: Spring Every Three Years *Course Fee: None*

Pre-Requisites: Consent of instructor

BIO 3401 General Microbiology 3,2

The structure, physiology, culture, and control of bacteria and other microbes.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: BIO 1403 with a grade of "C" or higher

BIO 3403 General Ecology 3,2

A study of those factors which affect the abundance, biodiversity and distribution of organisms. Includes ecological theory, mathematical modeling, and natural history and field techniques. Cross listed as ESC 3403.

Course Rotation: Fall Even Years *Course Fee: None*

Pre-Requisites: BIO 1402 or BIO 2403.

BIO 3404 Genetics 3,2

An introduction to classical, molecular, developmental and population genetics with an emphasis on genetic analysis.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: BIO 1401 or BIO 1403 with a grade of "C" or higher

BIO 3406 Animal Behavior 3,2

An introduction to the study of animal behavior. Cross-listed as PSY 3406.

Course Rotation: Fall Odd Years *Course Fee: None*

Pre-Requisites: Any Natural Science course with a grade of "C" or above.

BIO 3411 Human Anatomy and Physiology I 3,2

An introduction to the study of human anatomy and physiology. Beginning with a quick overview of the chemical basis of life and a review of cells and cellular metabolism. The remainder of the course will cover tissues and five systems (skin and the integumentary system, skeletal system including joints, muscular system, cardiovascular system, and respiratory system). Note: Students who have already completed BIO 2400 Survey of Human Anatomy and Physiology are not allowed to take this course for credit unless approved by the Coordinator of Biology Department.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: BIO 1403 with a grade of "C" or higher

BIO 3412 Human Anatomy and Physiology II 3,2

A continuation of the study of human anatomy and physiology. The course will cover the remaining six systems (nervous system including somatic and special senses, endocrine system, lymphatic system, digestive system, respiratory system, urinary system, and reproductive system) and related topics. Note: Students who have already completed BIO 2401 Human Anatomy and Physiology are not allowed to take this course for credit unless approved by the Coordinator of the Biology Department.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: BIO 3411

BIO 3420 Developmental Biology 3,2

An introduction to both classical and modern developmental biology including molecular and genetic analysis of development.

Course Rotation: Spring Even Years

Course Fee: None

Pre-Requisites: BIO 1403 with a grade of "C" or higher

BIO 3430 Biochemistry 3,3

An overview of the macromolecules and small molecules that are the key to all living systems. Topics covered include protein structure and function, enzyme mechanisms, kinetics and regulation, membrane structure and function, bioenergetics, hormone action, intermediary metabolism, including pathways and regulation of carbohydrate, lipid, amino acid, and nucleotide biosynthesis and breakdown. This course is cross-listed as CHE 3430.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: BIO 1403 with a grade of "C" or higher and credit for on concurrent enrollment in CHE 2401

BIO 4410 Biological Science Research 3,3

A research course in which students will work as a team to complete research in an area of the biological sciences as set forth by the instructor. Students will learn how to critically read scientific papers and interpret data. All aspects of proposal writing will be explored during this course. The course will culminate with presentation of the students and groups research findings in both oral and written formats. Fulfills Experiential Learning requirement.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Biology majors with senior standing or by permission of instructor

BUSINESS ADMINISTRATION

BADM 1310 Intro to Business and Entrepreneurship

This introductory course is designed to help students advance both their knowledge both business and entrepreneurship. This course helps students to develop their critical thinking skills in solving contemporary business issues. The course looks at various entrepreneurial ventures and business disciplines from a variety of perspectives to provide a foundation for business development. Students will be introduced to a variety of careers as well as practical and professional skills.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

BADM 1360 Personal Finance 3.0

Personal financial management including Christian stewardship, budgeting, using credit, banking, financing major purchases, housing choices and financing options, insurance, investments, retirement, estate planning, and the use of the financial calculator.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

BADM 2301 Business Statistics I 2,2

This course is an introduction to basic statistical techniques that are useful in business. The student will become familiar with basic statistical concepts and procedures, including, but not limited to, basic descriptive statistics, graphical presentation of data, basic concepts of probability, the Central Limit Theorem, and basic techniques of statistical inference such as Student's t-test.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1351 or MTH 1331 or placement in Level III Math or permission of the instructor.

BADM 3310 Leadership and Business 3,0

This course helps students understand leadership competencies, leadership principles and theory, the relationship between leaders and managers, and the role of followers. Other topics include ethical leadership, servant leadership and Christian leadership. Students will apply and develop their leadership skills by leading and participating in a project benefiting the university, through written work, and through presentation.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3311 Principles of Management 3,0

Course is a survey of management philosophy, theories, and practices. Topics include management functions of planning, decision making, organizing, staffing, communicating, motivating, leading, and controlling. This course will also consider organizational behavior, international management and the global economy. This course has a writing component.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3312 Small Business Management 3,0

Learning the skills for starting a small business, successful small business ownership. Students will gain an understanding of the critical areas of law, human resources, finance/accounting, marketing, management, and location on business success. Students will prepare a comprehensive business plan.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3313 Creativity, Critical Thinking, & Change 3,0

Designed to equip the individual, the manager, and the leader of the future with critical thinking and creativity skills necessary for a leader and a manager. Includes brain dominance and thinking styles.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3314 Essentials of Global Public Health

Examines the main functions of public health; disease prevention and health promotion. Students will learn the history and philosophy of public health, its core values and functions across the globe and in society. Students will examine the factors that impact health and how productivity is influenced by health outcomes since prevention is more cost effective than cure. Students will learn about working in both clinical care settings as well as institutions that promote population health. Case studies will be used. Cross-listed as PUBH 3314.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3315 Comparative Health Care Systems

Examines the healthcare delivery system of the United States, its fundamental characteristics and organization as well as differences in the healthcare systems of other countries. Students will learn about the various agencies involved in health and access to healthcare will be reviewed. Students will have a better understanding of the composition of health workers in the United States and other countries. Innovative technologies and best practices will be studied.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3321 Business Law 3,0

Background and role of law in business and society. Specific commercial law topics addressed include Uniform Commercial Code, business torts, property, contract sales, debit/creditor relations, and agency.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3322 Legal Concepts in HR Management

This course is an introductory employment law course that presents the U.S. legal environment, particularly as it pertains to the HR profession from the perspective of the professional non-lawyer.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3323 Globalization, Trade and Health Policy

Examines the increasing interdependence of the world with greater connectivity affecting the speed of access to information. Key focus will be on the dimensions of globalization including trade in food, pharmaceutical products, tobacco as well as healthcare personnel and the shift in patterns of disease. Case studies will be used. Cross-listed as PUBH 3323.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3330 Project Management

This course emphasizes Project Management skills involved in work planning, control and evaluation to achieve objectives for both simple and complex projects. The course will give students hands-on experience project planning, participating and running their own project.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3331 Organizational Communication 3,0

A study of communication patterns in organizations and practice in communication skills necessary for functioning in complex organizations. Cross-listed as COM 3331.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3334 Business Statistics II 2,2

This course is an upper-level course in statistics that teaches students how to use decision making tools within organizations. These tools include univariate and multivariate regression, ANOVA, Chi-square, correlation, non-parametric statistics, linear programming, sensitivity analysis, transportation problems, network models, and waiting line problems. Cross listed as ECO 3334.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 2301 or MTH 2301 or equivalent

BADM 3335 Data Analytics 3,0

This course covers data management, exploratory data analysis and visualization, descriptive statistics, and inferential statistics. T-tests, ANOVA, Chi-Square tests, simple regression, multiple regression, interaction/moderation, confounding, and logistic regression are all covered at a pace that assumes some previous knowledge of statistics. All of the topics will be addressed through a student selected research question that can be answered using a large dataset. A statistical programming language (R, SAS, or SPSS depending on the instructor) will be used, along with Zotero and GitHub for document and code management.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2301 or BADM 2301 or other introductory statistics course

BADM 3340 Human Resource Management 3,0

An introduction to human resource management. Topics include employment, placement and personnel planning, training and development, compensation and benefits, health, safety and security; employee and labor relations. This course has a writing component.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3341 Training and Development

This course explores methods utilized to train and develop employees in ways that positively affect organizational outcomes and success.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3350 Principles of Marketing 3,0

Practices and market structure, marketing functions and strategies, institutions, pricing, demand creation, industrial and consumer, costs and marketing legislation. This course has a writing component.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3351 Selling and Sales Management 3,0

Professional selling principles and practices for industrial and consumer goods. Includes identification and qualification of customers, developing and delivering high quality presentations, persuasive theories and techniques, ethics of selling, and pre/post sales services. Policy matters, product planning, distribution policies and pricing, sales promotion, organization and management of territories and the sales force, control of sales operation.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3352 Integrated Mkt. Communications 3,0

This course studies all elements of promotion and integrated marketing communications. Students gain knowledge of the major promotion and communication tools organizations use, how promotion is planned, budgeted, and used in the marketing program, and how to analyze promotion alternatives as they relate to the organization's marketing objectives and market segments served.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior or Senior level standing

BADM 3353 Consumer Behavior 3,0

This course focuses on the analysis and interpretation of the behavior of individuals as buyers and consumers of goods and services. Students will learn to evaluate and interpret the psychological, economic, and socio-cultural factors and trends that influence purchase and consumption of goods and services.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior or Senior level standing.

BADM 3354 Entrepreneurship 3,0

The Entrepreneurship course introduces the tools, skills, and judgment needed for a long and meaningful life as an entrepreneur. The course considers evaluating opportunities, launching a business, growing the business, and finally harvesting the profits. Students will stand in the shoes of an entrepreneur and make tough decisions, squeezed by the demands of your customers on one side (customers) and the need to make and deliver your product cheaply enough (operations) on the other. The course will focus on

businesses that, with vision, hard work and luck can be developed into substantial enterprises. This course will focus on entrepreneurs, on business plans and on businesses that are appropriate for sophisticated angel and/or professional (especially venture capital) investors.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311 and BADM 3350,

BADM 3360 Finance 3,0

The course provides a working knowledge of the tools and analytical conventions used in managerial finance. The emphasis is on establishing an understanding of the basic elements of financial theory to be used in the application of analytical reasoning to finance problems. This class is designed for the general business student, but is a sufficiently rigorous introduction to this material that it is also suitable for students who are considering additional study in either Finance or Accounting.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301, ACC 2301, BADM 2301 (or an equivalent statistics class)

BADM 3361 Money, Banking, and Credit 3.0

The course will cover the role of financial markets in the economy; the determination of interest rates; the role of financial intermediaries and financial intermediation; the role of the central bank in monetary policy; and the macroeconomics of monetary policy and interest rates. Cross-listed as ECO 3361.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301, ECO2302

BADM 3370 Purchasing Management 3,0

This course covers the basics of purchasing and materials management. Other topics include standardization and industry standards, vendor selection and relationship including long term partnering, make-or-buy, and purchasing involvement in organizational decisions.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3371 Management Information Systems 3,0

Course provides students with a fundamental understanding of information technology in contemporary business environments and presents core MIS principles with which every business student should be familiar. Students will also study real cases that are associated with IS applications in order to understand the issues in IS disciplines and the changing role of the IS professional.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3372 Digital and Social Media Marketing

Designed to give students a high-level strategic perspective of how digital media is used to achieve business objectives, as well as practical hands-on experience creating and managing digital marketing campaigns. All marketers are increasing their digital media spending -- creating demand for students entering the workforce with digital media skills. By the end of the course, students will be able to walk into any company with an online presence and improve their use of the internet

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3350

BADM 3375 Negotiations and Conflict Management 3,0

The Negotiations course introduces students to the theory and practice of negotiation specific to business. Negotiation is the art and science of securing agreement between two or more independent parties. The course focuses on understanding the behavior of individuals, groups, cultures, and organizations in the context of competitive situations. Students will develop analytical and interpersonal

skills necessary for successful negotiations. Business relevant cases and situations will be used.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3380 Production and Ops. Management 3.0

The course includes the strategic, tactical, and operational issues that arise in management of production and service operations; product and process design, facilities planning, quality management, materials management, operations planning and scheduling, and emerging technologies in production and service management.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 3398 Nat'l/International Travel

A travel course to immerse the student in real-world contexts where students can observe and analyze communication practices in various settings. Previous travel courses have brought students to Los Angeles, San Francisco, New York City, Washington D.C. and the Middle East. International Travel fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: Varies

Pre-Requisites: Consent of Instructor

BADM 4301 Management. Practicum, Business Policy 3,0

Enterprise management and responsibilities of general managers; integrating the functional areas of business administration into a realistic approach to business problems; applying principles to complex problems at the executive level, integrated into a computer simulation. This course has a writing component.

Course Rotation:

Course Fee: None

Pre-Requisites: Senior level standing and BADM 3311

BADM 4302 Global Public Health Practicum

Students will be engaged in practicums in organizations in the United States with a health focus (healthcare delivery or population health); or organizations that are regional or international in scope that promote global health. In the future opportunities for practicums will be created for practical experiences working in other countries and in select international organizations (public and private). Fulfills experiential learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior or Senior level status and completion of lower level BBA requirements

BADM 4310 Business Internship 3,0

Students are expected to graduate in the calendar year that this course is completed. Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any Business Management major. An upper-level course for business majors only; graded on a pass/no pass basis. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Students may enroll in this course any time during the semester prior to the "last day to withdraw from a class with a W" as published in the official academic calendar. Fulfills experiential learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4311 International Business Management. 3,0

Will be offered as either a travel course or classroom course, depending on the interest and/or time offered. Students will spend a total of 45 hours in classroom-type settings (either on or off Concordia's campus). Course Requirements: Travel to designated site (if offered), readings from text, outside readings, written papers, and exams.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 4312 Strategic Management 3,0

This course provides student with advanced level learning and critical thinking skills in the areas of strategic planning, implementation and control. Integrated learning will take place using the various business disciplines, applying a general management point of view. An overview of historical thought in strategic management will provide a basis for students to think about and form their own theories and management styles. Students will apply their learning through case studies and class projects.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4313 Spirituality and Ethics in the Workplace

This course examines and reviews how people integrate their personal ethics and spiritual lives with their work lives. It will academically and introspectively explore the definition of ethics, spirituality, trends that have led to an interest in spirituality in the workplace, business as a platform for practicing beliefs, and the basic knowledge for enterprise management in the context of providing for the ethical responsibilities necessary for Christian Leadership in Business. As a faith-based institution whose mission is "developing Christian leaders," the goal of this course is to enable students to wrestle with what it means to engage in management, marketing, finance, strategy, etc., from an understanding of a Christian worldview.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior and Senior level standing

BADM 4319 Immigration Violence Disasters and Health

Issues that impact vulnerable populations in the United States and other countries including the socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities. Immigration, the impact of violence, natural and man-made disasters, terrorism and the organizations that respond to these issues will be examined. Cross-listed as PUBH 4319.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 4320 International Human Resource Management

Basic HR principles and guidelines apply when working with all people, but the quickly-growing global workplace brings more complex and ever evolving challenges. Coursework and discussions will focus on these differences as they apply to companies with employees in multiple global locations as well as to companies whose employees come from international backgrounds.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3340

BADM 4321 Public Health Organizations, Ethics, and Law

Examines public health organizations that are local, national and international in focus, how they operate and the role they play in promoting health and preventing disease as well as those organizations not typically associated with health such as the United Nations, World Trade Organization, the Bill and Melinda Gates Foundation and Dell. Cross-listed as PUBH 4321.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior or Senior level standing

BADM 4331 Organizational Behavior and Development

Most organizations focus their efforts on improving two aspects of human behavior: (1) job performance—the degree to which individuals perform the behaviors needed for the organization to achieve its goals; and (2) organizational commitment—the degree to which employees remain loyal to the organization rather than seeking employment elsewhere. This course will guide you through a model that seeks to explain these two areas of organizational behavior, while interweaving and maintaining a fixed view on developing the organization as a whole.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4333 Market Research

This course will provide an introduction to market research as a business decision-making tool. Students will learn how market research can help them understand consumer attitudes and preferences to make business decisions and how to transform research findings into actionable business recommendations. Students will learn essential skills including: determining research design, techniques for conducting interviews, quantitative questionnaire design, sampling procedure and statistical projections, data analysis, and dashboard visualizations. Students will work with a real-world client on a research project including defining the business problem, develop a research plan, collect and analyze data and present findings and implications.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3350

BADM 4340 Talent Management and Organizational Staffing

Focuses on the management of organizational talent. The terms, concepts, principles, and practices covered in this course prepares leaders to develop strategies to identify, attract, select, hire, mobilize, and retain employees who will effectively contribute to organizational success.

Course Rotation:

Course Fee: None

Pre-Requisites: None

BADM 4341 Human Resource Mgmt Internship

Focuses on providing students with meaningful work experiences in Human Resource Management (HRM) similar to those which are normally found in organizations. Emphasis of the internship program is to provide interns an exposure to a wide variety of opportunities including as much ‘hands-on’ experience as possible. Students are expected to graduate in the calendar year that this course is completed. Incompletes are not allowed in this course. Students may enroll in this course any time during the semester prior to the “last day to withdraw from a class with a W” as published in the official academic calendar. The course may be repeated once for credit as an elective, but only three credit hours will count toward any Business Management major. Fulfills experiential learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: BADM 3340

BADM 4350 International Marketing 3,0

Will be offered as either a travel course or classroom course, depending on the interest and/or time offered. Students will spend a total of 45 hours in classroom-type settings (either on or off Concordia’s campus). Course Requirements: Travel to designated site (if offered), readings from text, outside readings, written papers, and exams.

Course Rotation:

Course Fee: Varies

Pre-Requisites: BADM 3350

BADM 4351 Advertising Management 3,0

Through projects and texts, students will develop an understanding of the creation of effective advertising, media planning and budgeting, and advertising strategy as it relates to the overall marketing mix and strategic plan of the organization, with special emphasis on advanced copywriting and layout, for print and broadcast media. Cross listed with COM 4351

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3313, BADM 3350

BADM 4352 Internship in Marketing

Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any BBA concentration. An upper-level course for business majors only; graded on a pass/no pass basis. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Students may enroll in this course any time during the semester prior to the "last day to withdraw from a class with a W" as published in the official academic calendar. Fulfills experiential learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: BADM 3350

BADM 4353 Marketing Management. and Strategy 3.0

This course uses case analysis and readings to understand marketing planning and strategy in the context of organizational plans and strategies. The course utilizes a computer simulation involving team competition to integrate the functional areas of business administration into a realistic approach to solving complex problems at the executive level.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3313, BADM 3350

BADM 4356 Corporate Entrepreneurship

Focuses on the core concepts of corporate entrepreneurship. Corporate entrepreneurship is the practice of employing entrepreneurial skills and approach within an organization. In today's global business environment, companies must be innovative, faster and flexible to achieve a competitive advantage. Students will learn analytical tools and strategies to analyze the market demands and incorporate it to renew and/or create a company's product lines or services.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4358 Global Entrepreneurship

Addresses various aspects of global entrepreneurship and the opportunities available to start-ups and small business in the global environment. Explores the global opportunities that entrepreneurs create, the challenges they encounter, and the ways in which they discover opportunities and address challenges to conduct business across national borders and cultures. Views and examines entrepreneurship across different countries and cultures and the role of cross-cultural customs and networks in affecting global entrepreneurship.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4361 Investments 3,0

Topics covered include financial markets, securities trading, evaluation of the risk/return trade-off, efficient portfolio formation, fixed-income security valuation and interest-rate risk, and an introduction to derivative securities. The course develops the student's expertise in investment and portfolio management, including the ethical issues involved.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1332 or MTH 2401 and BADM 3360 ECO 2301, ACC 2301, BADM 2301 (or an equivalent statistics class)

BADM 4363 International Financial Management. 3.0

The course covers international monetary systems, exchange rate determination, use of currency derivatives in hedging and risk management, currency swaps, modern direct investment, and international capital budgeting.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3360, ECO 2301, ACC 2301, BADM 2301 (or equivalent statistics course)

BADM 4364 Capital Budgeting 3.0

Topics include the net present value and internal rate of return criteria for capital budgeting decisions; other criteria for such decisions, the cost of capital; capital budgeting under uncertainty; the lease-or-buy and make-or-buy decisions; and financing fixed assets; including theory of the debt to equity trade-off and dividend policy.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301, ACC 2301, BADM 2301 (or an equivalent statistics class), BADM 3360

BADM 4366 Derivatives and Financial Risk 3,0

This course is an advanced finance course that covers the use of various derivative instruments for the management of financial risk. Emphasis is on hedging pre-existing financial risks with the instruments and their proper use as part of a risk management strategy.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1332 or MTH 2401, BADM 3360, BADM 2301 (or an equivalent statistics class)

BADM 4367 Finance Internship

Students are expected to graduate in the calendar year that this course is completed. Provides students with job searching skills, on-the-job experience and training related to academic education and long-term goals. May be repeated once for credit as an elective, but only three credit hours will count toward any the Finance concentration. Graded on a pass/no pass basis. Students must meet all of the internship requirements during the semester in which they are enrolled in the internship. Students may enroll in this course any time during the semester prior to the "last day to withdraw from a class with a W" as published in the official academic calendar. Fulfills experiential learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: BADM 3360

BADM 4368 Entrepreneurial Finance

This course uses a combination of case discussions and lectures to study entrepreneurial finance. The focus is on the early stages company development because this course is intended for students interested in working for startups, budding entrepreneurs, and future venture capitalists. Key questions which challenge all entrepreneurs will be addressed: how much money can and should be raised; when should it be raised and from whom; what is a reasonable valuation of the company; and how should funding, employment contracts and exit decisions be structured. This course is not repeatable for additional credit.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3360 and Junior or Senior level standing

BADM 4369 Financial Modeling

This course is the capstone for the finance concentration. Students will learn to model both financial statements and portfolios in this class. This is an advanced spreadsheet engineering course designed for future finance professionals who will need to be able to apply the material that they have previously learned in their more theoretical finance courses to their employers' or clients' finances.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1332 or MTH 2401, BADM 2301, BADM 3360, BADM 4361, BADM 4364

BADM 4370 Business and Ethics 3,0

This capstone course reviews the basic knowledge for enterprise management in the context of providing for the ethical responsibilities of general managers necessary for Christian Leadership in Business. The course utilizes text readings and case studies involving team competition to integrate the functional areas of business administration into a realistic approach to solving complex problems at the executive level. This course has a writing component that utilizes Ethical Case Study Methodology in addition to weekly summary reports on text reading assignments. Finally, there is a Business Simulation requiring the participation of each individual student.

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311 and consent of the instructor

BADM 4354 Social Entrepreneurship

Provides students with an introduction to the major opportunities and challenges facing social entrepreneurs and their ventures. Social entrepreneurship's rapid emergence over the past decade has coincided with the rise of information technology that has given individuals more power now than at any point in history. The social entrepreneurs question is simple: How can we use that power to make a positive, lasting contribution to society?

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3311

BADM 4380 Business and Community 3,0

Intended for students who are excelling in academic skills and professional skills, engaged, motivated and internally driven. Approximately the top 10% of junior business students will be admitted for participation in their junior year. Admittance is granted by recommendation from the faculty and student purpose essay. The second in a two part Business Scholars Program, this course will focus on the role of ethics and social responsibility in businesses as they serve the community in which they exist. Students will learn practical lessons from speakers and in working on research for the Ethics in Business Award. Classes will involve a mix discussion, guest speakers and experiential learning.

Course Rotation:

Course Fee: None

Pre-Requisites: Instructor approval required

BADM 4381 Spirituality in the Workplace

This course examines how people integrate their spiritual lives with their work lives. It will academically and introspectively explore the definition of spirituality, trends that have led to an interest in spirituality in the workplace, business as a platform for practicing beliefs, and the relationship between spirituality, business impact and profitability. As a faith-based institution whose mission is "developing Christian leaders," the goal of this course is to enable students to wrestle with what it means to engage in management, marketing, finance, strategy, etc., from an understanding of a Christian worldview.

Course Rotation: *Course Fee: None*
Pre-Requisites: BADM 3311 or consent of the instructor

BADM 4390 Special Topics in Business 3,0

This course provides students with advanced level learning and critical thinking skills in the areas of selected specific topics of business. Integrated learning will take place using the various business disciplines. Students will apply their learning through reading, experience, and class projects. Business students will receive credit toward their Business concentration as deemed appropriate by the COB faculty.

Course Rotation: *Course Fee: None*
Pre-Requisites:

BADM 4391 Business Scholars Colloquium 3,0

This course is intended for students who are excelling in academic skills and professional skills. They are engaged, motivated and internally driven. Approximately the top 10% of junior business students will be admitted for participation in their junior year. Admittance is granted by recommendation from the faculty and student purpose essay. The course is an open forum for professions and students from every business discipline to air the newest ideas and theories in their fields, explore current events, engage the business community, and learn from business leaders.

Course Rotation: *Course Fee: None*
Pre-Requisites: BADM 4380 and Instructor approval

BADM 4398 Program Management and Health Evaluation

Examines health programs and the use of evidence to support the practice of health. Using theories and case studies, students will complete a critical analysis of the public health program of choice integrating lessons learned, best practices and the theories studied. This is a capstone course in which a research paper will be expected Cross-listed as PUBH 4398.

Course Rotation: *Course Fee: None*
Pre-Requisites:

CHEMISTRY

CHE 1202 Introduction to Organic and Biochemistry 2,2

The second course in chemistry for nursing students with an introduction to basic organic chemistry and biochemistry: Hydrocarbons, organic functional groups, nomenclature and reactions, polymers, carbohydrates, proteins, enzymes, lipids, nucleic acids, protein synthesis, and metabolic pathways, with emphasis on their physiological importance and their application to nursing and other health related professions. (This course does not apply toward a minor in chemistry.)

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: CHE 1341 and CHE 1141 or CHE 1401 with minimum grade of C

CHE 1341 Chemistry I 3,0

Study of the laws and theories of chemistry, stoichiometry, atomic and molecular structure, chemical bonding, properties of solutions, kinetic-molecular theory, and periodicity of the elements

Course Rotation: Every Fall & Spring *Course Fee: None*
Pre-Requisites: Placement in Lower College Entry Level mathematics or higher or successful completion of MTH 0320 Intermediate Algebra.

CHE 1141 Chemistry I Laboratory (0,3).

Laboratory investigation of the laws and theories of chemistry, stoichiometry, atomic and molecular structure, chemical bonding, properties of solutions, kinetic-molecular theory, and periodicity of the

elements.

Course Rotation: Every Fall & Spring *Course Fee: \$75*

Pre-Requisites: Enrollment in or completion of CHE 1341.

CHE 1342 Chemistry II 3,0

A continuation of Chemistry I covering kinetics, equilibria, thermodynamics, oxidation-reduction, acids and bases, and an introduction to organic chemistry.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: Both CHE 1341 and MTH 1351 with a minimum grade of "C" or math placement at a higher level

CHE 1142 Chemistry II Laboratory 0,2.

A continuation of General Chemistry I laboratory covering kinetics, equilibria, thermodynamics, acids and bases and an introduction to organic and biochemistry

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: Enrollment in or completion of CHE 1342

CHE 1400 Introduction to Chemistry 3,2

Descriptive chemistry with an emphasis on principles and the importance of chemistry for modern life. This course is a prerequisite to CHE 1341 for students who have not had high school chemistry. This course may be used to meet the core natural science requirement, but cannot be used as a prerequisite for CHE 1342. Not open to those who have already earned credit for CHE 1341.

Course Rotation: As Needed *Course Fee: None*

Pre-Requisites: Placement at least at Lower College Entry level mathematics

CHE 1431 General Chemistry for Healthcare Professionals

This course is intended as a pre-requisite for entry into the nursing program. Fundamental principles of inorganic chemistry; metric measurements, matter and energy, atomic structure, chemical nomenclature, chemical bonding, chemical reactions, stoichiometry, gas laws, properties of liquids, solids, solutions, acids and bases with emphasis on their physiological importance and their application to nursing and other health-related professions. This course may meet the core laboratory natural science requirement.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: Placement in lower-college-entry-level mathematics or higher or successful completion of MTH 0320. Must Co-Enroll in CHE 1431L

CHE 1431L General Chemistry for Healthcare Professionals Lab

Corresponding lab for CHE 1431.

Course Rotation: Every Fall & Spring *Course Fee: \$75*

Pre-Requisites: Enrollment in CHE 1431

CHE 2401 Organic Chemistry I 3,3

Introduction to the basic concepts of organic chemistry and the synthesis and reactions of organic molecules.

Course Rotation: Every Spring *Course Fee: \$75*

Pre-Requisites: CHE 1142 and 1342 (or 1402) with a minimum grade of 'C'

CHE 2403 Organic Chemistry II 3,3

A continuation of the study of basic concepts of organic chemistry with emphasis on aromatic compounds and spectroscopy. Aspects of biological molecules are considered.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: CHE 2401 with a minimum grade of 'C'

CHE 3301 Inorganic Chemistry 3,0

Advanced atomic theory, bonding, complex ions, acid-base theory and descriptive chemistry of the elements.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: CHE 1142 and 1342 (or 1402) and MTH 1351 with a minimum grade of 'C' in both courses.

CHE 3430 Biochemistry 3,3

An overview of the macromolecules and small molecules that are the key to all living systems. Topics covered include protein structure and function, enzyme mechanisms, kinetics and regulation, membrane structure and function, bioenergetics, hormone action, intermediary metabolism, including pathways and regulation of carbohydrate, lipid, amino acid, and nucleotide biosynthesis and breakdown. This course is cross-listed as BIO 3430.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: BIO 1403, CHE 1342 and CHE 1142 with a minimum grade of 'C'.

CHE 3401 Analytical Chemistry 2,4

Theory and practice of qualitative chemical analysis. Theory and practice of volumetric, gravimetric, pH, colorimetric and chromatographic quantitative chemical analyses.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: CHE 1142 and 1342 (or 1402) and MTH 1351 or math placement at a higher level with a minimum grade of 'C' in both courses.

CHE 3402 Environmental Chemistry 3,4

A study of the chemical principles and reactions that govern the behavior of both natural environmental systems and anthropogenic compounds important to the quality of the environment. Sampling methods, instrumentation and data analysis will be emphasized. Cross-listed as ESC 3402.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: CHE 1142 and 1342 (or 1402) and MTH 1351 or math placement at a higher level with a minimum grade of 'C' in both courses

CHINESE – MANDARIN

CHI 1401 Mandarin Chinese I

An introduction to Mandarin Chinese for beginners, providing practice in listening, speaking, reading, and writing.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

CHI 1402 Mandarin Chinese II

Continued introduction to Mandarin Chinese imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: CHE 1401

CHI 2311 Mandarin Chinese III

Continuation of Chinese II, helps students to move from the beginning to the intermediate level of the language. Students will continue to learn essential skills of listening, speaking, reading, and writing for daily communication.

Course Rotation: As Needed
Pre-Requisites: CHE 1402

Course Fee: None

CHI 2312 Mandarin Chinese IV

Intermediate course in Mandarin Chinese prepares students for advanced Chinese; it offers advanced communication skills in listening, speaking, reading, and writing.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: CHE 2311

COMMUNICATION

COM 1300 Fundamentals of Communication 3,0

Designed to help students perceive and experience the multi-faceted presence of communication in life, and gain self-confidence and basic proficiency expressing themselves in different contexts using a variety of media.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

COM 2100 Communication Practicum I

Open to any student, this is a lower-level course to formally engage student in the practice of communication. Students will take hands-on positions in producing at least one of three projects including but not limited to 1) publishing a campus newspaper, 2) operating the campus radio station, and 3) managing a campus-based public relations service that conducts campaigns for CTX-related groups. Will use practicum experience for creating featured building blocks for portfolio creation as part of the Communication Capstone course. May be repeated for credit.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

COM 2301 Human Communication Theory 3,0

A careful and systematic discussion of communication theories and their application to life.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

COM 2302 Sports/News Broadcasting Performance 3,0

Students will develop proficiencies in oral communication as they learn the art of sports and news broadcasting. Students will practice and perform their skills as reporters, announcers, anchors, and commentators through simulated and actual broadcasts (or webcasts) of local sports events, news packages on location, and newscasts in a studio.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

COM 2303 Mass Media History and Theory 3,0

Survey of mass media theories, emphasizing the impact of printing, film making, and broadcasting in society. Research on mass media effects including an examination of emerging media technologies.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

COM 2308 Writing for the Media and Public Relations 3,0

The student will learn fundamentals of writing for different media outlets and publics and will practice writing artifacts such as news reports, editorials, press releases, scripts, advertising copy, public statements, social media promotions, and magazine feature articles.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 2314 Communication Technology 3,0

A survey of communication technologies. The course includes an exploration of the factors surrounding the adoption of new technology. The course will also challenge the student to consider the sociological impact of technology and technological determinism.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 2317 Cinema and Religion 1,3

A course designed to enable students to recognize mythic structures in contemporary film and compare and contrast them to the central themes of Christianity and the Lutheran Ethos, including original sin, mercy, grace and redemption. NOTE: Lengths of films vary, and it is important to examine each in its entirety. The student should be prepared to participate in a 45 minute discussion after the end of each film shown, regardless of length.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

COM 3301 Diffusion of Innovation 3,0

Communication's role in the spread of new technologies, new ideas, and new values among individuals and within organizations in the United States and abroad.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3302 Nonverbal Communication 3,0

Theory and research examining the influence of nonverbal performance codes, artifactual codes, and spatio-temporal codes on human communication.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3303 Communication in the Church 3,0

Investigation of message strategies used as successful models of communication in the church. Includes case studies and field work.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3304 Group Dynamics 3,0

Theory and practice in group communication: goal setting, problem solving, listening, feedback, and leadership. Cross-listed as PSY 3304.

Course Rotation:
Pre-Requisites: COM 1300 and PSY 1311

Course Fee: None

COM 3307 Media Analysis and Criticism 3,0

Critical viewing and written analysis of film television and digital media works as vehicles for the exploration of cultural and sociological issues. Students will apply a range of critical perspectives to a variety of media texts.

Course Rotation:
Pre-Requisites :None

Course Fee: None

COM 3308 Persuasive Communication 3,0

Theory and practice of personal and public persuasion with an emphasis on how to change attitudes, understand purchasing behavior, and increase influence.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 3310 Public Relations 3,0

An introduction to the basics of public relations including best practices, case studies, and ethical concerns. It includes a study of the application of new media communication to the art of public relations.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 3317 Production I: Film Style 2,2

A course to introduce the pre-production, production processes needed to create media presentations with an emphasis on film-style production methods. Students will practice with high definition cameras, professional grip equipment, and computer-based editing systems.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 3318 Production III: Broadcast 2,2

Course will introduce the skills and processes needed to produce ongoing newscasts, sportscasts, short documentaries, comedy, and/or public service presentations. Students will also have the opportunity to gain experience as an on-screen/on-air reporter or host.

Course Rotation:

Course Fee: None

Pre-Requisites:

COM 3320 Media Law and Ethics 3,0

Development of and rationale for constitutional protections, legal regulations, and ethical responsibilities of the mass media in the United States

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 3325 Interpersonal Relationships 3,0

Investigation into the communication and psychology of family dynamics, friendships, and romantic partners. One goal of this course will be to understand our own relationships and seek to improve them.

Cross listed with PSY 3325

Course Rotation: Every Fall and Spring

Course Fee: None

Pre-Requisites: PSY 1311

COM 3331 Organizational Communication 3,0

A study of communication theories and their application for organizations. Students will develop leadership skills in identifying and resolving communication barriers that inhibit efficient organizational performance.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 3335 Intercultural Communication 3,0

Course explores communicating from one culture to another and will include worldview, religion, values, language, nonverbal communication, context and other topics related to becoming a competent communicator in cross-cultural situations. The course will require the student to spend time in a culture different from their own.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3350 Conflict Resolution 3,0

Systematic and critical understanding of communication theory and research focused on conflict across various contexts. Application of communication strategies as practical tools for the analysis, management, and resolution of conflict within a broad range of complex interactions.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3360 Topics in Communication 3,0

Examination of particular trends, contemporary challenges, developing contexts, and emerging technologies relevant to the study of communication and not already a central focus of the existing courses in the Communication major. While the topics will vary, each will provide a focused compliment (depth) to other courses that provide a more general perspective (breadth). This course may be repeated for credit when topic is different.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3370 Health Communication

A fascinating study of communication in the field of health; focusing on the origins and theories of health communication, and exploration of the complexities inherent in both verbal and nonverbal communication, and health messaging. Additional focus will be on several contemporary areas within the field of health communication research and practice. Cross-listed as PUBH 3370.

Course Rotation:
Pre-Requisites: None

Course Fee: None

COM 3398 National/International Studies 3,0

A travel course to immerse the student in real-world contexts where students can observe and analyze communication practices in various settings. Previous travel courses have brought students to Los Angeles, San Francisco, New York City, Washington D.C .and the Middle East. International Travel fulfills Experiential Learning requirement.

Course Rotation:
Pre-Requisites: Consent of instructor

Course Fee: Varies

COM 4100 Communication Practicum II

Open to any student, this is an upper level course to formally engage students in developing leadership skills while continuing to practice communication in a real-world setting. Students will take leadership positions in conjunction with at least one of three projects including but not limited to 1) publishing a campus newspaper, 2) operating the campus radio station, 3) managing a campus-based public relations service that conducts campaigns for CTX-related groups. Communication majors will use practicum experience for creating featured building blocks for a portfolio they will assemble as a part of the Communication Capstone course. May be repeated for credit.

Course Rotation:
Pre-Requisites: COM 2100 Communication Practicum I.

Course Fee: None

COM 4101 Communication Capstone Course 1,0

This course is designed to assist students in their transition out of Concordia University Texas and into their respective careers. Required of all graduating Communication majors. Students will prepare resume, cover letter, and portfolio materials. In addition, students will learn about career opportunities in the communication discipline and practice skills necessary for securing job offers. To be taken during

last semester.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 4301 Digital Journalism and New Media Communication

In an effort to remain relevant, news organizations have had to embrace emerging technologies and social media as a means of delivering content and engaging audiences. This course studies the practice of digital journalism through visual storytelling techniques. Students not only learn the basics of digital audio, video, and image production and editing but also explore topics such as how to engage online audiences, how to write and optimize content for search engines, and how to measure performance across various platforms.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 4310 Communication Internship 0,1

Supervised experience working with communication professionals in production, public relations, or other communication-related fields. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: Junior or Senior Level Standing

COM 4320 Production III: Directing and Performance 2,2

An advanced course for production students in directing and performing works for film and other multi-media channels. Students will also learn advanced processes in pre-production planning and producing.

Course Rotation:

Course Fee: None

Pre-Requisites: None

COM 4351 Advertising Management 3,0

Through projects and texts, students will develop an understanding of the creation of effective advertising, media planning and budgeting, and advertising strategy as it relates to the overall marketing mix and strategic plan of the organization, with special emphasis on advanced copywriting and layout, for print and broadcast media. Cross listed with BADM 4351

Course Rotation:

Course Fee: None

Pre-Requisites: BADM 3313, BADM 3350

COMPUTER SCIENCE

CSC 1401 Introduction to Computer Science I 3,2

The development of skills in translating problems into algorithms and implementing these algorithms into programming language C++. Designing, coding, debugging and documenting programs.

Course Rotation: Every Fall

Course Fee: \$75

Pre-Requisites: Eligible for Lower College Entry Level Math

CSC 1402 Introduction to Computer Science II 3,2

Program design, writing, testing and debugging using C++. Introduction of object oriented programming using C++. Implement and compare sorting and searching algorithms Introduction of string processing, and the manipulation of simple data structures: arrays, stacks, queues, and linked lists.

Course Rotation: Every Spring

Course Fee: \$75

Pre-Requisites: CSC 1401 or consent of instructor.

CSC 2301 Intro to Comp. Org. & Assembly Lang. 3,0

The basic concepts of computer systems and architecture will be understood by programming in assembly language.

Course Rotation: Every Fall

Course Fee: \$75

Pre-Requisites: CSC 1402 or consent of instructor. CSC 2305 is recommended

CSC 2403 Data Structures & Algorithm Analysis 3,2

A course in data structures and algorithms. Topics include linked lists, stacks, queues, priority queues, binary trees, search algorithms, sort algorithms, graph algorithms, Recursion, and algorithm efficiency analysis.

Course Rotation: Every Spring

Course Fee: \$75

Pre-Requisites: Must have completed or be co-enrolled in CSC 1402.

CSC 2305 Discrete Structures 3,0

This course is an analysis of the basic structures that form the foundations of mathematics and computer science including statements, sets and subsets, number sets, sequences, relations, orderings, partitions, functions, graphs, and trees. Structures defined through induction and recursion, including introduction to the solutions of recurrence relations are addressed. Emphasis will be on formal logical and combinatorial proof. Cross-listed with MTH 2305 Discrete Structures.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: CSC 1401 with a grade of "C" or higher. Also MTH 1352 with a grade of 'C' or higher or math placement at Upper College Entry Level

CSC 3302 Operating Systems 3,0

This is a course in systems software that is largely concerned with operating systems. Such topics as process management, device management and memory management are covered, as are relevant issues associated with security and protection, networking and distributed operating systems.

Course Rotation: Spring Even Years

Course Fee: \$75

Pre-Requisites: CSC 2301 or consent of instructor

CSC 3303 Computer Architecture 3,0

An introduction to the architectural features of single-processor (Von Neumann or SISD) computers.

Course Rotation: Fall Odd Years

Course Fee: \$75

Pre-Requisites: CSC 2301

CSC 3304 Networking: Theory and Applications 3,0

Understanding networks topologies, protocols, hardware and software. A hands-on approach to security, protection and management. Distributed applications and migrating different platforms are also discussed.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: CSC 3302 and CSC 3303 or consent of instructor.

CSC 3305 Database Design and Analysis 3,0

Principles for the design and management of database systems. Data and storage models, relational and hierarchical data models will be studied. Other topics include: normalization forms, canonical schema representations, data integrity and file security techniques.

Course Rotation: Even Fall

Course Fee: None

Pre-Requisites: CSC 1402 or consent of instructor. CSC 2305 is recommended

CSC 3306 Human Computer Interaction 3,0

This course will introduce the human factors area of computer science examining success (and failures) and current work in the subject area.

Course Rotation: Fall Odd Years *Course Fee: None*
Pre-Requisites: CSC 1402 or consent of instructor

CSC 3307 Artificial Intelligence 3,0

An introduction to the basic concepts and techniques of artificial intelligence using the programming language LISP. Topics covered include natural languages, vision systems, search strategies and control, with an emphasis on representation.

Course Rotation: Spring Odd Years *Course Fee: None*
Pre-Requisites: CSC 1401 and CSC 2403 or consent of instructor

CSC 3308 Computer Graphics 3,0

An introduction to the generation and manipulation of graphical images on computer displays. Topics include representation of curves and surfaces, 2D and 3D transformations, hidden edge and surface elimination, and shading.

Course Rotation: Spring Even Years *Course Fee: None*
Pre-Requisites: CSC 1402, MTH 2402, and MTH 3311 or consent of instructor.

CSC 3309 Numerical Analysis 3,0

Algorithms of numerical analysis are covered. Topics include floating point arithmetic, approximation, numerical integration and differentiation, solution of nonlinear equations, and solution of ordinary differential equations. Programming assignments will give experience in applying selected algorithms.

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: CSC 1402 and MTH 2402 or consent of the instructor. Cross-listed with MTH 3309.

CSC 3310 Topics in Computer Science 3,0

Special topics in computer science that are new or unique that are not covered in existing courses. Possible topics include: computer design, Java programming, parallel and distributed computing. May be repeated for credit when topics differ.

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: Adjusted according to topic

CSC 3311 Programming Language Concepts 3,0

A comparative study of programming languages covering their history, development, and design criteria; formal definition of syntax and semantics; concepts and constructs; similarities and differences between languages; major language paradigms to include examination of object-oriented, functional, and concurrent languages; exception handling, modularization, scoping, etc. Students program in at least one language they have never used before.

Course Rotation: Fall Even Years *Course Fee: \$75*
Pre-Requisites: CSC 2301 and CSC 2403

CSC 3319 Cryptology 3,0

Applications of abstract algebraic and number theoretic concepts to the science of secure cryptography. Topics include historical ciphers, public-key cryptography, signed messages, secure protocols, and cryptanalysis, especially as these deal with electronic communications. Cross-listed as MTH 3319

Course Rotation: Fall Even Years *Course Fee: None*
Pre-Requisites: CSC/MTH 2305 and one of: CSC 1401, MTH 3313, or MTH 3315

CSC 3320 Theory of Computation 3,0

This course introduces the theory of computability, including important results from study of automata and formal languages. The course begins with the study of automata and their relationship to regular, context free and context sensitive languages. Notions of decidability and undecidability are discussed

and this is related to complexity analysis.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: CSC 2403 or consent of instructor

CSC 3330, Information Security 3,0

This course provides an overview of information security and assurance, including technical, procedural, and policy considerations. In particular, topics include: threats, vulnerabilities and countermeasures; authentication and authorization; modern cryptography; protection against malicious code and other attacks; security for networks; secure software issues; privacy; and emerging information security challenges.

Course Rotation: Spring Even Years

Course Fee: None

Pre-Requisites: CSC 2301 or consent of instructor

CSC 3410 Geospatial Technologies 3,2

Introduction to geographic information systems (GIS) and global positioning systems (GPS) for use in environmental analyses and mapping. Units on cartographic design; internet mapping; cell phone applications and add-ons; GPS and drone navigation and data collection. Laboratory will focus on GIS applications. Cross listed with ESC 3410.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: CIS 1300 or 1401

CSC 4301 Senior Design/Independent Study 3,0

A working study/project led by an instructor. Projects consist of design and development of computer science related hardware or software systems for local businesses or any other commercial organization, but within the capacity of a senior student to complete within a term.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Senior level computer science student or consent of instructor.

CSC 4310 Computer Science Internship 3,0

Students will participate in an on-the-job computer science work experience under the direct supervision of professionals in a corporation or government agency. A senior level course for computer science majors only. Graded on a pass/no pass basis. Fulfills Experiential Learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or senior standing

CSC 4405 Software Engineering 3,2

The entire software engineering life cycle is explored. Topics include problem definition, systems analysis, requirements specifications, cost and benefit analysis, proposal preparation, prototyping, design techniques and testing. Software engineering principles, practices, and standards are examined through case studies that illustrate traditional approaches as well as alternatives such as agile software development and rapid prototyping. Key elements of project management and the use of tools and automated techniques are included. This is the computer science capstone course, and a major component is a real-world team project which goes through documentation, design, prototyping, testing, and demonstration.

Course Rotation: Every Spring

Course Fee: \$75

Pre-Requisites: CSC 2403 and senior status as a computer science major

CRIMINAL JUSTICE

CRIJ 1301 Introduction to Criminal Justice

This course is a general overview of the criminal justice system including a description of the major agencies: police, prosecution, courts, and corrections, and an analysis of their interdependence in the criminal justice process. This course introduces the core working philosophies of the criminal justice system from the crime control and due process models of justice and an understanding of the agencies that follow those methodologies.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

CRIJ 2313 Corrections, Probation, & Parole 3,0

Provides an overview of the major facets of the American correction system, a historical look at our penal system to the innovations of Parole and Probation as well as other community based corrections systems and their overall impact on the criminal justice system. The success or failures of rehabilitation efforts and other programs, juvenile probation and juvenile boot camps will be discussed.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 2328 Policing Systems and Practices 3,0

An extensive overview of the policing systems used in America. Looks at our criminal justice system from its roots in the British system, the Code of Hammurabi, Mosaic Laws, London Metropolitan Police Department and Bow Street Runners as precedents to our modern system of criminal justice agencies which emerged in New York, Boston, and Philadelphia. Examines different models or styles of policing, from the watchman, legalistic, and service styles and examine the recent innovations such as Community Policing and Intelligence Led Policing and their relevance in today's policing agencies.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3300 Faith and Justice

Explores the interaction of our country's retributive justice system with our faith's call for justice, including examination of justice themes as applied to economic, immigration, trafficking and slavery, peacemaking, social, restorative, environmental, prison ministry, civil and voting rights, and related justice efforts.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3301 The Faithful Lawyer 3,0

Explores the conflict among ethical, moral, and faithful conduct for attorneys licensed by the state, the outcomes expected by public and private clients, the vocational stress produced by professional demands and boundaries, and our faith's call to do justice, to love mercy, and to walk humbly with our God.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3302 Criminal Law 3,0

Designed to provide a basic concept of criminal law and to provide legal ground work for those who seek to enter the criminal justice system. This course will focus on the impact of statutes and case law on criminal justice system practitioners; included are the 4th, 5th, 6th, 8th and 14th Amendments as they affect the accused, the convicted, and the employees working in the criminal justice system as well as issues of arrest, search and seizure, admittance of evidence and the rights of the accused. Serves as a legal update of current changes in the law.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3303 Liability in Criminal Justice 3,0

Examines the moral, legal and normative obligations of the state and criminal justice professionals. The course is an in depth overview of the cases that have created precedents in our criminal justice system relating to the use of force, general conduct, racial profiling, civil rights violations, failure to respond, and other areas including section 1983 lawsuits.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3304 Criminal Investigations 3,0

examination of criminal investigation fundamentals including the establishment of a crime scene perimeter, unified command, and various methods of crime scene searches, collection and preservation of evidence, interviews, interrogation, case preparation, and the familiarization with specific instrumentation in crime detection and evidence selection for evidentiary value. This course will also introduce areas of administrative law and its impact on the function of bureaucracies and public agencies.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3305 Forensic Science and Criminalistics

Explores forensic science from the biological, chemical, and criminalistics perspective, including application from the crime scene to the court process; uses laboratory methods of instruction; examines evidence, court procedures, legal and ethical issues, and the role of forensic science in the field of criminal justice; and distinguishes appropriate techniques based on crime typology.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3306 Management in Law Enforcement 3,0

A study of management functions in a modern criminal justice organization, the internal and external environmental factors affecting organizational efficiency, and the application of quantitative and behavioral science. The function of the leader and principles of management are viewed from an integrative perspective, including line and staff interactions and relationships. Theories of management, authority and responsibility, issues of centralization and decentralization, planning, organizing, staffing, directing and controlling will also be studied in the course.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3307 Defense and Prosecution Practice and Strategies 3,0

Explores criminal defense and prosecution practice and strategies, including treatment of basic tenets of the adversarial system and substantive, procedural, and ethical criminal law practice.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3309 Gangs & Organized Crime

Examines both gangs and organized criminal groups. Traces the origins and historical development of the activities known as "organized crime". Focuses on American gangs, both youthful street gangs and militaristic prison gangs with strict hierarchy. Topics include the history of gangs, gang and gang member characteristics, gang life, and strategies of gang control. The link between youth street gangs, prison gangs, and other deviant collectivities will be explored.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3310 Juveniles in Criminal Justice 3,0

An in-depth study of the juvenile justice system. Topics covered are the development of delinquent behavior, victimology, initial handling and proper referrals, preventive police techniques, special police problems with juveniles, juvenile law, and related juvenile justice agencies. Plea bargains, juvenile probation, restorative vs. rehabilitative models and other best practices in juvenile justice will also be discussed.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ/SOC 3311 Criminology

Explores issues such as crime causation and the involvement of the criminal justice and corrections systems in these issues. Provides an analysis of the major criminological theories from the predominant “schools” of criminological thought; including the classical theories and rational choice; positivism and trait theories, psychoanalytic theories, social structure, social process, and social bonds theories. Particular focus upon the evolution of the theories from the classical and positivism schools of thought to the modern choice and trait theories, as well as the evolution of the sociological theories.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3312 Criminal Profiling 3,0

Explore the interwoven biological, psychological and social antecedents and correlates of criminal behavior. Psychological issues and their relation to criminal and anti-social behavior will be studied. An overview of profiling techniques; provides a definition of the modus operandi and signature aspects of serial crimes with a focus on serial rape, arson, and murder investigations and the tactics and techniques of using methods of both inductive and deductive reasoning to solve cases which pose the greatest threat to both law enforcement and the public.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3313 White Collar Crime

Explores domestic and international white collar crime, agencies tasked with investigating and prosecuting white collar crime, applicable criminal laws, underlying sociological and criminological theories, the criminals who commit such crimes, and victim impact.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3314 Ethics in Criminal Justice 3,0

Presents ethical issues that arise in the three major areas of criminal justice: police, courts, and corrections as case studies with discussion of their application. General philosophical theories of ethics from both historical as well as biblical accounts will be discussed and an elaboration provided about the codes of ethics that operate to control the institutional and personal behavior of police, courts and correctional systems.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3315 Decision-Making in Criminal Justice Ops 3,0

This course provides students with the opportunity to apply the knowledge accumulated during the program. Using the principles and theories learned, as well as the shared experiences learned from each participant's professional life, students will be able to successfully address and discuss critical decisions which need to be made in the course of operating criminal justice agencies and the consequences of

these decisions.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3316 Victimology and Victim Rights 3,0

This course has the dual purpose of looking at the impact of crime upon victims and on our legal system, and conducts a brief overview of the crime victim role, criminal-victim relationships (either passive or active), and societal reaction to victimization, including crisis-intervention centers, court related victim/witness services, restitution and compensation.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3320 Homeland Security

Designed to introduce the student to the scope of issues facing the American public, the private sector and law enforcement on securing the country against threats posed by domestic and international terrorist groups, students will be given an overview of different terrorist and extremist groups to understand their goals, objectives and modus operandi. Threats to American interests abroad will be analyzed. Emphasis will be given to prevention, preparedness, and response. The roles of local, state and federal agencies in homeland security and critical infrastructure and key resource (CIKR) protection are examined.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3322 Roots of Terrorism

Understanding terrorism as a political crime. Focus is on the historical aspect of terrorism and how the use of terrorism as a tool of the weak has evolved from its use by the Jews in Roman times, by radical ancient Muslims, and then to its current contextual use by the French, Russian, Irish, and Basque movements and finally the modern radical Islamic terrorist groups. Various methods of attack from ancient poisons to modern bombing techniques culminating with the aircraft used during the attacks of 9/11 will be compared and contrasted to symmetrical and other asymmetrical forms of combat.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3325 Transnational Crimes

An overview of transnational crime and corruption and effects on the political, economic, and social development of countries around the world. Topics include international justice practices and concerns, and the rise of transnational and even global crime syndicates involved with counterfeiting, both licit and illicit product smuggling, drug trafficking, human trafficking, and war crimes.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3330 Sociology and Psychology of Terrorism

This course helps the student in understanding terrorism as a political crime. The focus includes an examination of the sociological and psychological aspects of terrorist behavior; it includes portions on the different tactics of terrorism recruitment and attacks as well as the social psychology and religious aspects of terrorist group recruiting and formation to give the student a well-rounded understanding of the use of terrorism as a tool or tactic. Successful completion of CJM 2301 is a prerequisite to this course.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 3335 - Social Science Methods

This course focuses on the use of quantitative and qualitative research methodology that is most commonly utilized by social science practitioners. It will emphasize the use of techniques, and ethical constructs that are typically employed by those working in social science fields. Cross listed with POLS 3335

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 4305 Crime Mapping & Intelligence

An analysis of intelligence techniques and serves as a broad overview of military and crime analysis techniques and methodologies. The fundamental (steps of the analytic process) and philosophies beginning with traditional Military Intelligence and the movement that has led to Intelligence Led Policing will be discussed. Uses of analysts and systems to assist in investigations as they examine crime patterns and resolve community crime problems will be discussed. Analytical techniques including link diagrams, telephone tolls, and visual investigations will be discovered along with a theoretical and practical introduction to the benefits of crime mapping and the spatial analysis of crime.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CRIJ 4350 Criminal Justice Capstone

Examines the emerging trends in policing, from Homeland Security and Intelligence Led Policing to Crisis Intervention and Community Policing, and balances the theoretical goals of the police with their realistic expectations. Culminates in the development and production of a senior-level research paper grounded in relevant criminal justice literature regarding one of those topics. Emphasis is placed on the integration of knowledge acquired in previous courses and its practical application to problem sets provided throughout the class as projects.

Course Rotation:

Course Fee: None

Pre-Requisites: CRIJ 1301

CURRICULUM AND INSTRUCTION

CAI 6320 Curriculum Theory

Examines major curriculum philosophies that have influenced educators within the last century. Students will analyze four educational visions (Scholar Academic, Social Efficiency, Learner Centered and Social Reconstruction). Students will reflect on their personal educational philosophies.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

CAI 6321 Strategies for Professional Development

Designed to engage students in the examination of current research and trends in professional development for campus and district instructional staff. Students will have the opportunity to learn about development, implementation and evaluation of campus and district-level professional development and will explore adult learning strategies and motivation.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

CAI 6322 Curriculum Design

Examines the impact of 21st Century Standards on the development, implementation and evaluation of state and local curricula.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6323 Research IV - Proposal

Focuses upon preparation of the dissertation proposal which will include selection of topic, development of problem statement and research hypotheses/questions, initial review of literature, design of study, and significance and limitations of study.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6324 Assessment of Student Learning

Provides students with the tools to develop, maintain, and evaluate an effective student learning assessment process. Exploration of the assessment process will include: how to write appropriate learning objectives, the utilization of learning goals, formative and summative assessment, the differentiation of testing formats and what they really assess, the utilization of rubrics for improved instruction and feedback, and an understanding of the values of writing ethical assessments to meet the needs of all students.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6325 Contemporary Issues

Explores the issues in curriculum and instruction which are current as well as those that continue as ongoing issues in education. Topics such as teacher accountability, a centralized curriculum, equity and access, high-stakes testing, and culturally responsive teaching are among the topics to be explored. This will be an evolving course driven by the issues that affect educators.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6351 Program Evaluation

Examines different theoretical models of evaluation and will evaluate an educational program by constructing and administering instruments, analyzing the data gathered, determining the worth of the program, writing an evaluation report, and presenting the report to the personnel of the program evaluated, including presentation for the class.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6352 Supervision & Leadership

Examines research related to the effective supervision of curriculum and instruction at the school, district, and system levels

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6235 Practicum I

The first of two semesters of fieldwork of the Ed.D. Curriculum & Instruction program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.

Course Rotation: As needed by cohort *Course Fee: None*
Pre-Requisites: None

CAI 6236 Practicum II

The second of two semesters of fieldwork of the Ed.D. Curriculum & Instruction program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.

Course Rotation: As needed by cohort *Course Fee: None*

Pre-Requisites: None

CAI 6361 Research V (1) – Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of Research V, this course being the first of three Research V courses.

Course Rotation: As needed by cohort *Course Fee: None*

Pre-Requisites: None

CAI 6362 Research V (2) – Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of Research V, this course being the second of three Research V courses.

Course Rotation: As needed by cohort *Course Fee: None*

Pre-Requisites: None

CAI 6363 Research V (3) - Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of Research V, this course being the third of three Research V courses. The candidate must retake this course until the dissertation is completed and successfully defended before a faculty committee.

Course Rotation: As needed by cohort *Course Fee: None*

Pre-Requisites: None

DIFFERENTIATED INSTRUCTION

DIFN 5311 Intro to the Exceptional Learner

A study of the theories and concepts related to the identification and classification of exceptional learners with differentiated needs.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

DIFN 5312 Language and Intercultural Communication Issues

A study of language and communication disorders as they relate to oral language development of the culturally and linguistically diverse populations as well as the exceptional learner. This course focuses on the teaching and assessment of children exhibiting the characteristics of behavior disorders, learning disabilities, and/or intellectual and developmental disabilities.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

DIFN 5313: Teaching and Assessment Strategies for the Exceptional Learner

Focuses on the teaching and assessment of children exhibiting the characteristics of behavior disorders, learning disabilities, and/or intellectual and developmental disabilities. The course examines principles and techniques for assessing academic progress; how to use assessment to inform instruction; and how to incorporate assessment into the curriculum for students with disabilities, including those from culturally and linguistically diverse backgrounds.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

DIFN 5314 Consultation and Collaboration for Exceptional Learners

Increases the awareness of the framework and rationale for collaboration between general educators and special educators and focuses on applied strategies for implementation.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

DIFN 5315 Introduction to Gifted and Talented

Designed to examine the nature and needs of gifted and talented learners.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

EARLY CHILDHOOD EDUCATION

ECE 3320 Early Childhood Education Curriculum Methods and Materials 3,3

Organization, materials, curriculum and methods in preschool, kindergarten and primary education. Techniques for working with 3-5 year-olds will be emphasized. Field experiences in an early childhood setting are required.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: Admission to the Teacher Ed Program

5330 Language Acquisition and Emergent Literacy

Provides the philosophy of language development and emergent literacy, acquisition of structure, content, and use of children's language in reading, writing, speaking and listening. Cross listed as LTC 5330.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

ECE 5340 Infant and Toddler Programs

Provides understanding the whole child, pre-natal through age three. Research of developmental and special needs will lead to curriculum for the individual child.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

ECE 5342 Curriculum through Play

Provides research of the theory of learning through play. Instructional strategies will be explored and developed using play through the curriculum.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

ECE 5344 Administration of Early Childhood Programs I

Provides a study of the beginning of a program as well as improving existing programs. It includes: daily operations, assessment, health and safety, nutrition and management of programs.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

ECE 5345 Administration of Early Childhood Programs II

This course is a continuation of ECE 5344.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: ECE 5344

ECE 5346 Research Seminar in Early Childhood Education

A capstone course for students in the Early Childhood Administration specialization. Requirements can be met in one of two ways by: traveling abroad to study early childhood programs in other countries or complete a case study on an early childhood program. The Implementation Plan created in MED5305 will be utilized in this class.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: none

ECONOMICS

ECO 2301 Introduction to Macroeconomics 3,0

Macroeconomics is the social science that studies the way societies, in the aggregate, allocate scarce resources to unlimited wants. Topics of the course include introductions to: supply and demand, Gross Domestic Product, inflation, recession, unemployment, aggregate private investment, government fiscal policy, monetary policy, international trade, and the effects that each of these have on the nation's economy in the classical, Keynesian, and monetarist frameworks.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ECO 2302 Introduction to Microeconomics 3,0

Microeconomics is the social science that studies the ways individual economic agents allocate scarce resources to unlimited wants. Topics of the course include introductions to: supply and demand, elasticity of supply and demand, consumer behavior, firm behavior, competition, monopoly, oligopoly, and monopolistic competition, resource markets, market failures, antitrust policy, and issues of economic equity.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

ECO 3320 International Economics and Trade 3,0

Develops the themes of global integration and international trade policy in macroeconomic supply and demand terms. Economic theory is employed as a means to informed discussion of problems and opportunities related to international trade, investment and modern exchange.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301, ECO 2302, or consent of instructor

ECO 3321 Inter-American Trade & Development 3,0

Theory and history of economic growth and development, with special reference to the problems of Latin America and the region's economic relationship to the United States. Examines major aspects of Latin American production, income distribution, labor force, modern investment and trade, as contrasted with their more industrialized trading partners. Surveys contemporary issues such as the "debt crisis" and "currency devaluation."

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301 and ECO 2302, or consent of instructor

ECO 3361 Money, Banking, and Credit 3,0

The course will cover the role of financial markets in the economy; the determination of interest rates; the role of financial intermediaries and financial intermediation; the role of the central bank in monetary

policy; and the macroeconomics of monetary policy and interest rates. Cross-listed as BADM 3361.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301 and ECO 2302

ECO 3362 Health Care Economics I 3,0

This course is the first of two courses designed to acquaint students with the economic issues of the health care services industry. It covers the basic economics of health care including, but not limited to: the demand for medical services, production and costs of medical services, systems and institutions, and the competing objectives of agents in the health care marketplace.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301 and ECO 2302 or consent of the instructor

ECO 4365 Governmental Finance 3.0

Covers the theory of government spending and taxing policy; decision making; effects of government expenditures; effects of taxation on resource allocation; market failures; and both positive and negative externalities.

Course Rotation:

Course Fee: None

Pre-Requisites: ECO 2301 and ECO 2302

ECO 4370 Healthcare Economics 3,0

Built upon both financial management principles and theories of micro- and macro-economics, this senior level study of healthcare economics provides a framework for the healthcare manager to analyze the healthcare marketplace and assess potential for profitability. This course is cross-listed as HCA 4370.

Course Rotation: *Course Fee: None*

Pre-Requisites: 6 hours of economics and 6 hours of healthcare finance, or, permission of the Coordinator of the Healthcare Administration program.

EDU 2201 Intro to Education 2,2

An introduction to the roles and responsibilities of the teacher, the characteristics of America's schools and curriculum, and selected issues facing today's teachers. Observation/activities will focus on the child as learner, teaching strategies, management procedures, classroom climate, and roles of the teacher. Fieldwork required. Required of all education major. Fulfills Experiential Learning requirement. Requires timelog and reflections to be submitted when applying for admission into the Teacher Education Program

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

EDU 3100 Secondary Classroom Fieldwork 1,2

Emphasizes positive student guidance, classroom management, development of organizational strategies, and instructional design. Students prepare for student teaching by developing lesson plans, teaching lessons, and creating professional relationships. Fieldwork required.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: Admission to the Teacher Education program

EDU 3261 Vocation of the Christian Educator 2,0

The topics of this course center on the systemic development of the Lutheran tradition of education in America. Emphasis will be placed on the present status of The Lutheran Church—Missouri Synod system of formal education as it has grown into the world's second largest non-public system of education. This course also emphasizes the tasks and function of the Christian educator in the role of commissioned minister status. Required of students seeking a Lutheran Teacher Diploma.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

EDU 3301 Mathematical Methods-Elementary 3,2

Methods and strategies of teaching: logic, sets, relations, functions, operations, numeration systems, number theory, rational numbers, real numbers, informal geometry, measurement, probability, and statistics. Technology use to support math curriculum is explored. Fieldwork required. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

EDU 3303 Mathematical Methods-Secondary 3,3

Concepts and methods/strategies for teaching: 7th and 8th grade mathematics, mathematics of finance, algebra, and geometry are examined using manipulatives. Concepts from probability, statistics, trigonometry, analytical geometry, discrete mathematics, and calculus are explored and techniques for teaching are emphasized. Technology use to support math curriculum is discussed. Fieldwork required. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

EDU 3304 Children's Literature 3,0

A survey of the evolution of children's literature focusing on strategies for exploration, analyzing, and discussion of the various genres. Emphasis is given to styles of illustration, storytelling, oral reading, and literacy projects. Extensive reading of children's books is required.

Course Rotation:

Course Fee: None

Pre-Requisites: None

EDU 3305 Science & Health Methods-Elem 3,2

Teaching methods for science and health in the elementary school. Application of child development theories in the teaching of science and health. Emphasis on active involvement of the child in inquiry with an emphasis on the use of technology. Fieldwork required. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

EDU 3311 Teaching Strategies & Assessment 3,0

Instructional techniques and strategies that emphasize practical application of the teaching/learning process to include writing of instructional objectives and lesson plans, delivery strategies, and grouping practices based on learning theory and learning styles as well as multiple intelligences. Includes formal and informal assessment, measurement and evaluation of curriculum, teaching strategies and student learning in the classroom with an emphasis on the use of technology. Required of all education students.

Course Rotation:

Course Fee: None

Pre-Requisites: None

EDU 3312 Methods of Social Studies 3,2

This course covers geographic, historical, and culture content and strategies specific to teaching effective social studies instruction for grades 1-8. Integrating technology and language arts across the ten themes of social studies through unit plans and activities is also a major course component. Fieldwork required. Fulfills Experiential Learning requirement

Course Rotation: *Course Fee: None*
Pre-Requisites: Admission to the Teacher Education Program

EDU 3320 Foundations of ESL Education 3,0

This course explores the foundations of ESL education and examines the rationale, history, and philosophy as it develops the students' understanding of the cultural influences and prepares pre-service teachers to meet the needs of second-language learners. This course is required of all education students.

Course Rotation: *Course Fee: None*
Pre-Requisites: None

EDU 3323 Educational Technology 3,0

This class is designed to familiarize students with the Technology Applications Standards and Competencies for Texas teachers and help prepare them to effectively use technology in planning and delivering instruction. Required of all education majors.

Course Rotation: *Course Fee: None*
Pre-Requisites: Admission to the Teacher Education Program

EDU 3333 Teaching Religion 3,1

This course is designed to prepare students for the teaching ministry of the Lutheran Church – Missouri Synod. Emphasis will be the concepts, content, materials, and strategies necessary in teaching religion in the elementary, middle, secondary, and special education classrooms. Integration of the Christian faith into all aspects of parish and school ministry will be covered. Field work in Lutheran schools is required. Required of students seeking Lutheran Teacher Diploma. Fulfills Experiential Learning requirement

Course Rotation: *Course Fee: None*
Pre-Requisites: Admission to the Teacher Education Program

EDU 3331 Teaching Physical Education 3,0

Methods, techniques and strategies for teaching physical education. Learning and practicing the “how to” aspects of teaching physical education. Writing of instructional objectives and lesson plans, principles of organization and class management, and delivery strategies unique to physical education.

Course Rotation: *Course Fee: None*
Pre-Requisites: Admission to the Teacher Education Program

EDU 3340 Societal Relationships & Classroom Management 3,0

This course will explore the vital and necessary interrelationships between the three elements present in the overall education of students or learners: school, home, and community. This course will also explore methods of effective classroom management strategies. This course is required of all education students.

Course Rotation: *Course Fee: None*
Pre-Requisites: SPED 3301

EDU 3343 Educational Psychology 3,0

Educational Psychology is designed to introduce psychological principles, theories, and methodologies to issues of teaching and learning in schools. Topics include learning theory, learner characteristics, intelligence, creativity, motivation, measurement and evaluation, and models of teaching for all learners. Examination of cognitive, social, moral development of students as they interact in the learning process also takes place. This course is required of all education students.

Course Rotation: *Course Fee: None*
Pre-Requisites: PSY 1311 Introduction to Psychology

EDU 4101 Teacher Education Seminar 1,0

Major topics addressed will be preparation for the TExES exams needed for certification as a teacher in Texas, resume writing, interviewing skills.

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

EDU 41205 Elem/Early Childhood Stu Teaching 12,0

Supervised observation, participation, and teaching in an elementary/early childhood classroom for the entire semester. Pass/Fail graded course. Prerequisites: Admission to the Professional Term. Student teaching fee required. Student teaching room and board fee may also apply. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: EDU 4101 and Admission to Clinical Teaching

EDU 41225 Middle School Student Teaching 12,0

Supervised observation, participation, and teaching in a middle school classroom for the entire semester. Pass/Fail graded course. Prerequisite: Admission to the Professional Term. Student teaching fee required. Student teaching room and board fee may also apply. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: EDU 4101 and Admission to Clinical Teaching

EDU 41273 Secondary Student Teaching 12,0

Supervised observation, participation, and teaching in a secondary classroom for the entire semester. Pass/Fail graded course. Student teaching fee required. Student teaching room and board fee may also apply. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: EDU 4101 and Admission to Clinical Teaching

EDU 6310 Christian Values & Ethics

A study of major ethical principles, especially a Christian influenced ethic, and how these principles apply to one's personal life, and the challenges facing the world, primarily as those challenges impact the area of education. Students will be challenged to use ethical principles to analyze and resolve real world ethical dilemmas.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6311 Research I – Academic Writing

This course will prepare the student to begin the dissertation required for the terminal degree. Emphasis will be placed on both academic conventions and technical form for the five-chapter dissertation or other similar product. Topics will include academic writing standards of mechanics, grammar, style, APA form, citation use and placement, dissertation topic, structure, IRB considerations, presentation, and defense.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6312 Research II – Quantitative Research

Presents core statistical concepts and methods that all social science majors, including education, must master in order to understand and do social research. The emphasis is on the use of concepts and tools of statistics in the analysis of social science data.

Course Rotation: As needed by cohort
Pre-Requisites: None

Course Fee: None

EDU 6313 Multicultural Experiences

A study of skills and techniques to diagnose and solve organizational problems and to influence actions of individuals, groups and organizations in a multicultural school community.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6314 Grant Writing

Develops the knowledge and skills involved in writing competitive grants for federal, state and private funds.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6315 Research III – Qualitative Research

Examines qualitative methods used in social science research, focusing primarily on applications in educational fields. Qualitative research follows an inductive process that involves the collection and analysis of non-numerical data to search for patterns, themes and holistic features that underlie behavioral patterns. The five common research design approaches will be explored: ethnographic, grounded theory, case studies, phenomenology, or narrative.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6341 Digital Learning

Explores the rapidly changing landscape of learning organizations in the 21st century. Students will explore learning in a globally and digitally connected world and how new learning trends such as problem-based learning, self-directed learning, and flipped classrooms are changing the way children and adults learn and the nature of educational systems.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDU 6342 Leadership in the Traditions of Faith

Religious traditions around the world, and throughout history, have intentionally developed theories of leadership, and offered systems of belief and practice to help adherents lead families, religious communities, neighborhoods, and societies. This course explores some of the social, psychological, spiritual, religious, and ethical aspects of leadership from a panoply of religious and philosophical traditions (e.g. Hinduism, Taoism, Confucianism, Buddhism, Judaism, Platonism, Stoicism, Christianity, and Islam). Focus will be on reading primary texts.

Course Rotation: As needed by cohort

Course Fee: None

Pre-Requisites: None

EDUCATION ADMINISTRATION

EDAD 5154 Practicum I

Students will be introduced to practical experiences on a campus working as an administrator dealing with day-to-day situations faced by principals. The student will also prepare for the State certification exam. The Practicum for the Principal will take two long semesters to complete. During this course, students will design their practicum experience with their building principal and university supervisor as well as begin to log hours as required for principal certification by the State of Texas. This course will be offered exclusively on-line. (The course may be repeated as often as necessary by students with

probationary certificates who are employed in a public school.)

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5155 Practicum II

This course is comprised of a Benchmark Text that will determine a student's ability to move forward in the Educational Administration program.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5156 Practicum III

This course is comprised of a Benchmark Text that will determine a student's ability to complete the Educational Administration program.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5322 Legal Foundations of Education

A study of how recent trends and institutional changes in society have impacted the legal aspects of formal education. This class will provide research, class discussions, and activities which will increase students' knowledge of legislation, court precedents, tort and contract law, negligence and liability, societal issues, and how legal issues influence employment, academic/classroom, campus, and administration behavior. Emphasis will be on real problems educators face and on practical and legal responses to those problems.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5351 School Diversity Leader

A course of study giving students an opportunity to develop and increase skills and knowledge in the areas of religion, ethics, conflict resolution, counseling, the historical influences on ethnic diversity interaction, community relations, and leadership of the school environment. It is necessary for the school administrator to be the force by which these groups cannot only coexist, but to share common goals and work together in a collaborative manner, so all students can be successful and be a productive force in the community, nation and world.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5352 School Resource Leader

A course of study centered on the administrator's ability to efficiently manage and utilize the human resources, effectively utilize and manage the financial resources, and physical resources for the optimum benefit of students and the learning environment.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5353 School Professional Development and Continuing Education Leader

A course of study centers on staff development and continuing education of the educational staff. Students will learn to develop a continuing educational program at the local campus and develop staff development training that will meet the needs and continued professional development of the staff at all levels of experience. AEL and TTESS training provided when taught on-ground.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 5154 Practicum I

This course is comprised of a Benchmark Test that will determine a student's ability to move forward in the Educational Administration Program.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: Acceptance in the MED/EDAD program and 12 hours in the course sequence are required before taking this course.

EDAD 5155 Practicum II

This course is comprised of a Benchmark Test that will determine a student's ability to move forward in the Educational Administration Program.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: EDAD 5154

EDAD 5156 Practicum III

This course is comprised of a Benchmark Test that will determine a student's ability to move forward in the Educational Administration Program.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: EDAD 5155

EDAD 6320 Program Analysis & Evaluation

Provides school administrators the skills necessary to review, analyze, and evaluate current programs in the school system in which they operate.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

EDAD 6321 Issues in District Leadership

Explores a wide variety of issues that will confront district-level leaders including establishing collaboratively the vision and mission of a school district, appropriate staff and community communications, facilitating change, and proper use of data.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

EDAD 6322 Organization & Public Relations

Examines best practices for school communications, public relations, and branding; evaluates successful and unsuccessful bond and tax ratification elections; and considers options for dealing with a "communication crisis vortex."

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

EDAD 6323 Research IV - Proposal

Focuses upon preparation of the dissertation proposal which will include selection of topic, development of problem statement and research hypotheses/questions, initial review of literature, design of study, and significance and limitations of study.

Course Rotation: As needed for cohorts *Course Fee: None*

Pre-Requisites: None

EDAD 6324 Leadership in the District

Examines a broad view of leadership styles but with concentration on servant leadership as its main focus. The examination of servant leadership will acquaint the student with the advantages of approaching leadership from a shared rather than dominant position. The course will also have an emphasis on ethical behavior and leadership.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6325 Advanced School Law

Focuses on examination of current legal issues which impact the educational community, the process of policy development for school systems, as well as the agencies, courts, and legislative bodies which develop rules and regulations effecting educational systems.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6351 Finance & the School District

Centers on the reality of managing budgets for a Texas public school district. Focus will be on acting with integrity, fairness, and competence in dealing with school revenue, expenditure allocations, construction finance, special program finance, and “business office” operations in order to promote success of all students.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6352 Conflict Resolution

Designed to provide a basic understanding of the nature of conflict from an educator's perspective and how it can be more effectively managed in our schools. Students will examine conflicts that arise between students, teachers, support staff, paraprofessionals, parents, administrators, school board members, community members, and anyone else who comes in the school setting. Strategies, processes, and skills for managing conflict will be presented and practiced throughout the course.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6235 Practicum

The first of two semesters of fieldwork of the Ed.D. Educational Administration program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6236 Practicum

The second of two semesters of fieldwork of the Ed.D. Educational Administration program, wherein students will spend time with one or more mentors in a campus or central office setting and record hours in each of the applicable program objectives.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6361 Research V (1) – Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of Research V, this course being the first of three Research V courses.

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

EDAD 6362 Research V (2) – Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine

hours of Research V, this course being the second of three Research V courses.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

EDAD 6363 Research V (3) – Dissertation

Production of the dissertation, a formal document which demonstrates the candidate's ability to conduct research that makes an original contribution to theory or practice. The candidate must complete nine hours of Research V, this course being the third of three Research V courses. The candidate must retake this course until the dissertation is completed and successfully defended before a faculty committee.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

ENGLISH

ENG 0200 College Literacy

Integrates reading and writing instruction to familiarize students with college-level literacy tasks. Engages students in critical thinking processes through an exploration of learning and interacting with texts in higher education. Assessed on a pass/no pass basis. NOTE: For students whose test scores reflect a lack of college readiness, this course is required. Failure to pass this course after two (2) consecutive attempts will result in academic ineligibility to return to Concordia University Texas.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: Co enrolled in HIS 1302

ENG 0201 Fundamentals of Writing Workshop

This course enhances literacy skills by providing an “editing lab” for any writing-intensive class in any academic discipline. Coursework draws heavily on instructor-guided peer editing, supplemented by a close reading of thought-provoking texts, and presentations on mastering standard American grammar and usage. Assessments will include a writing portfolio and a final exam that covers editing skills and reading comprehension. The course does not fulfill Common Experience requirements or count toward the total number of hours required for a degree. For students who choose to co-enroll in ENG 0201 and ENG 1316, taking the two courses simultaneously, the final course grade achieved in ENG 0201 will account for 30% of the ENG 1316 final course grade, in addition to the credit/no credit recorded for ENG 0201. For all other students, ENG 0201 is offered solely on a credit/no credit basis.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: ENG 0200 or English Upper Developmental English Placement

ENG 1316 Academic Research and Writing 3,0

Introduction to composition skills and research skills. Emphasis on gathering, evaluating, synthesizing, and citing research information to compose a formal 10-page research paper. Study of rhetorical strategies, multiple short essays and one research paper are required. Departmental final exam requires composing a formal essay in response to one of several selected topics. For students who choose to co-enroll in ENG 0201 and ENG 1316, taking the two courses simultaneously, the final course grade achieved in ENG 0201 will account for 30% of the ENG 1316 final course grade, in addition to the credit/no credit recorded for ENG 0201. Fulfills the Concordia Common Experience Curriculum Written Communication requirement.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: ENG 0201 or College Level English placement

ENG 1317 Introduction to Literature 3,0

This is the entry level course in literature. Emphasis on analyzing the literary components of each of four literary forms: poetry, short story, novel, and drama. Critical interpretive skills are developed for each literary form. One test and one formal analytical paper are required for each form. Comprehensive final exam serves as the exit exam for the course, verifying the student is ready to continue on to advanced literary courses. Fulfills the English Literature requirement in the Concordia Common Experience curriculum.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: Completion of ENG 1316 with a minimum grade of "C."

ENG 1317H Honors Writing as Self-Discovery

Writing as self-discovery that leads to a passion for writing about issues external to self. This course incorporates elements of creative nonfiction, academic composition, research, and information literacy skills.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Honors Program

ENG 1318 Technology for the Humanities

Introduction to current technological tools appropriate to the Humanities. Cross-listed with HIS 1318.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ENG 2301 Survey of Classicism 3,0

Major masterpieces of classic Greek and Roman literature with a grounding in mythology.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 2302 Survey of Romanticism 3,0

Emphasis upon European and American authors associated with the Romantic and Realistic movements of the 19th century. Covers all literary forms.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 2303 American Literature 3,0

The course will present a selection of major canonical authors of American Literature from the colonial time period until the mid-twentieth century. Oppositional voices will be introduced in relation to the Canon. The historical and cultural setting for each literary work will likewise be evaluated for its ideological significance.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 2305 Survey of British Literature 3,0

A survey course designed to cover the major writers of British literature from the earliest recorded epics to the twentieth century. Features all literary genres.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 2331 History of the English Language 3,0

A study of the history and development of the English language from its Indo-European beginnings. Emphasis upon the social and cultural aspects of language in general and of English and its varieties spoken throughout the world.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 2371H Honors Great Texts: Classic and Contemporary

Analysis of selected important texts across genres from the Western tradition and significant texts across genres from non-Western traditions in order to understand them in their historical, sociological, and cultural contexts and to evaluate their influence on selected contemporary texts.

Course Rotation: *Course Fee: None*
Pre-Requisites: Honors Program

ENG 3301 The Novel- British 3,0

An overview of the history and development of the form. Specific novel techniques explored in class discussions and analyzed in short papers.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3302 Drama 3,0

A survey of dramatic literature in which students read, analyze, and respond critically to representative plays from each of the major dramatic periods: Greek, Roman, Medieval, Renaissance, Restoration, Romantic/Realistic, and Modern. Students learn distinguishing characteristics of each major period's dramatic form.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3303 Short Story 3,0

Development of the short story. Style, form, interpretation and evaluation of short fiction. Topical, current social and emotional issues discussed in relation to goals of short fiction.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3305 Poetry 3,0

An intensive study of the major poetic forms. Emphasis on reading, explicating, and interpreting selected poems. Students will complete two papers, two tests, a variety of written exercises, and a comprehensive final exam.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3307 Drama at Stratford 3,0

A week at the Stratford festival in Ontario, Canada to study and see a minimum of eight plays. Offered during the summer. Additional fee for course paid at time of registration. May be used to fulfill Fine Arts core requirement. May be repeated once for credit. Fulfills Experiential Learning requirement.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3308 The Novel-American 3,0

An overview of the history and development of the genre. Specific novel techniques explored in class discussions and analyzed in short papers.

Course Rotation: *Course Fee: None*
Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3309 Modern Fiction 3,0

A study of the evolution of the Modern literary movement through an overview of the movements and texts immediately preceding this period. Emphasis is placed on the examination of the major authors and texts of the Modern movement through reading, analysis, discussion, and composition of critical responses to these major authors and texts.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3310 English Internship 0,3

Supervised on-the-job experience in publishing or other professional-writing sectors, including nonprofit organizations. Over the course of one semester, students provide at least 150 hours of service and produce a writing portfolio. May only be used once to fulfill ENG credit; may be repeated once for elective credit. Fulfills Experiential Learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or Senior standing

ENG 3311 Advanced Writing 3,0

The study of clear, graceful, and stylistic essay writing in functional, pragmatic, real-life situations.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3312 Business and Technical Writing 3,0

Advanced writing skills to meet the challenge of communication in the job market.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3314 Creative Writing 3,0

Many types of writing will be examined, with an emphasis on short stories and free verse poetry. In-class writing exercises will be used to learn various techniques and aspects of creative writing. Students will be expected to produce a portfolio of two original pieces of fiction and four original poems, critique the writing of others, and prepare a manuscript for publication or submission to a literary contest.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3318 Writing for Publication 3,0

This course requires students to write a variety of non-fiction compositions suitable for publication in a professional university or public magazine, journal or newsletter. Writing assignments will address investigative articles; reviews of texts, culture and events; editorial perspectives; and the interview article. Students will learn correct composition strategies for each of these perspectives. Students will be required to submit their compositions to appropriate print forums for publication and the response of the publication department if available to their submission. Students will submit a portfolio of their three best compositions as the final exam requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: ENG 1317 or ENG 1371H

ENG 3319 Teaching Writing

Introduction to theoretical foundations of and best practices for individual and classroom-based writing instruction. Topics include teaching writing as a process, teaching grammar, assessing writing, using technology to teach writing, and how identity shapes writing.

Course Rotation:

Course Fee: None

Pre-Requisites: Successful completion of a 2000-level ENG course

ENG 3323 Shakespeare 3,0

Reading and interpretation of major Shakespearean plays, emphasizing the playwright's artistic development, social context, and use of characterization and imagery.

Course Rotation:

Course Fee: None

Pre-Requisites: None

ENG 3341 Hispanic Writers of the U.S. 3,0

Writings by and about Hispanic writers of the United States. All of the readings will be made available in English and the class will be taught in English.

Course Rotation:

Course Fee: None

Pre-Requisites: None

ENG 4301 Topics Course in Literature

It requires the close examination and exploration of the chosen topic through reading, discussing, and composing critical responses to key texts.

Course Rotation:

Course Fee: None

Pre-Requisites: Successful completion of any 3000 level English literature class

ENG 4303 American Ethnic Literatures 3,0

A study of the English-language literature that arose outside the traditional western canon, giving voice to American authors of non-European ancestry.

Course Rotation:

Course Fee: None

Pre-Requisites: None

ENG 4307 Introduction to Literary Criticism 3,0

A survey of the development of western literary criticism from Greek and Roman to twentieth century theories. Students read, analyze, and discuss each critical theory; formal and informal critical responses to specified literary texts using each of the critical theories studied.

Course Rotation:

Course Fee: None

Pre-Requisites: None

ENVIRONMENTAL SCIENCE

ESC 1101 Environmental Careers Seminar 1,0

An orientation course to familiarize freshmen and new transfers with the ESC program and the credentials necessary for finding and maintaining employment in the environmental career field. Includes units on internships, job search skills, interview skills, résumé writing, professional conduct, and environmental health and safety. Features question-and-answer sessions with guest speakers from various environmental disciplines. Field trips may be required.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ESC 1102L Introduction to Environmental Science Lab

Laboratory and field investigation of the scientific and socioeconomic principles underlying the environmental sciences.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ESC 1201 Fall Texas Master Naturalist Certification

For students who wish to earn course credit in the Fall semester for beginning verification as a Texas Master Naturalist through the Balcones Canyonlands Chapter at Concordia University Texas. Training

courses will be taught by CTX faculty and by professionals from the conservation field. To receive credit for the Fall offering, students must complete at least half of the certification requirements (20 hours basic training, 4 hours advanced training and 20 hours of service).

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

ESC 1202 Spring Texas Master Naturalist Certification

For students who wish to earn course credit in the Fall semester for beginning verification as a Texas Master Naturalist through the Balcones Canyonlands Chapter at Concordia University Texas. To receive credit for the Spring offering, students must complete the second half of the certification requirements (20 hours basic training, 4 hours advanced training and 20 hours of service). Total for certification is 40 hours basic training, 8 hours advanced training, and 40 hours of service achieved through Fall and Spring course work.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: ESC 1201

ESC 1302 Intro to Environmental Science 3,2

An overview of the Earth's geological, hydrologic, atmospheric, and biological environments. Discussions of the physical, social, economic, and political implications of human modification of the environment. An application of the scientific method to solve complex environmental problems. Concordia Preserve tour required.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

ESC 3303 Environmental Law 3,0

The origins, politics, policies, and enforcement of environmental law.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: None

ESC 3306 Natural Resources Conservation 3,0

Ecological, political, and economic factors that influence decisions relating to natural resources, land-use, and sustainable development; appraisal of alternative strategies to cope with conservation issues in the areas of water, energy, forests, range, fisheries, wildlife, and soils. Discussions of conservation history, laws, and ethics.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: Any Common Experience natural science lab course

ESC 3308 Environmental Education

Prepares students to implement environmental education opportunities in formal and non-formal education settings. Topics include concepts and philosophy of effective environmental education, education and environmental law/regulations, environmental issues, curriculum alignment and integration and effective environmental education methodologies.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: None

ESC 3330 Environmental Modeling 3,0

Design and application of modeling techniques using system dynamics and computer software.

Prerequisites: MTH 1351 or math placement at a higher level and 6-8 credit hours of natural science and/or math beyond the core requirements. This course may not be used to satisfy natural science requirements.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

ESC 3340 Wildlife Management 3,0

Principles of managing wildlife populations and habitat with special consideration given to management in urban environments. Students will apply specific management techniques to improve and maintain habitat on the Concordia campus, Concordia Preserve, and the Balcones Canyonlands Preserve system. Field trips may be required.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: ESC1302 or BIO1402 or BIO2403

ESC 3350 Watershed Management

Principles of managing watersheds to improve hydrology, water quality, range, wildlife habitat, and aesthetics. Includes units on soils, policy, planning, economics, and public relations. Field trips may be required

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: Any Common Experience natural science lab course

ESC 3402 Environmental Chemistry 3,4

A study of the chemical principles and reactions that govern the behavior of both natural environmental systems and anthropogenic compounds important to the quality of the environment. Sampling methods, instrumentation and data analysis will be emphasized. Cross-listed as CHE 3402.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: CHE 1142 and CHE 1342 (or CHE 1402), MTH 1351 (with a minimum grade of "C" in both courses), or math placement at a higher level.

ESC 3403 General Ecology 3,2

A study of those factors which affect the abundance, biodiversity and distribution of organisms. Includes ecological theory, mathematical modeling, natural history and field techniques. Cross listed as BIO 3403.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: BIO 1401 or BIO 1402 or BIO 2403 or consent of instructor.

ESC 3410 Geospatial Technologies 3,2

Introduction to geographic information systems (GIS) and global positioning systems (GPS) for use in environmental analyses and mapping. Units on cartographic design; internet mapping; cell phone applications and add-ons; GPS and drone navigation and data collection. Laboratory will focus on GIS applications. Cross listed with CSC 3410

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

ESC 4310 Environmental Science Internship

Students will participate in an on-the-job environmental work experience under the direct supervision of professionals in a corporation or government agency Graded on a Pass/No Pass basis. Fulfills Experiential Learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or Senior level standing

ESC 4360 Special Topics 3,0

A detailed exploration of specific topics in environmental science and conservation. Topics will vary by semester and may include: invasive species, GIS, climate change, environmental health and safety,

Christian perspectives on environmental issues, and multiple topics relating to conservation in urban environments. Each offering will be discussion-based and reading-intensive. Field trips may be required. May repeat once when topic varies.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Any Common Experience natural science lab course; Junior or Senior classification

ESC 4361 Conservation Project

For advanced students who wish to design and implement a conservation-themed project on campus or in the community. Project design will be done in collaboration with the instructor, other faculty, CTX staff, and/or ESC partners, and final plans must be approved by all stakeholders prior to implementation. May be repeated once in the following semester to allow project completion. May not substitute for ESC major requirements.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Junior or Senior standing

ESC 4411 Research in the Environmental Sciences 3,3

Student will pursue an environmental topic or issue through library, field and laboratory investigations as well as data collection, analysis and a final presentation consisting of a written paper and a poster/seminar session.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or Senior standing

FINE ARTS

FA 2301 Honors Arts Experience of Austin

This course introduces students in the Honors Program to the myriad arts institutions, events, and opportunities in Austin. Students will attend professional and university music and theatre events as well as visiting art galleries and museums.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Honors Program

FRENCH

FRE 1401 French I

Introductory French imparts communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: None

FRE 1402 French II

Continued introductory French imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: FRE 1401

GEOGRAPHY

GRG 1311 Principles of Geography 3,0

A geographic overview of basic Physical Systems (landforms, climate, vegetation...) and Human Systems (cultural geography, political geography, medical geography, geography of sports...) and their interactions at international, national, and local levels.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: None

GRG 1312 World Regional Geography 3,0

A broad environmental/cultural survey of major world realms: The "developed" areas of the U.S., Canada, Europe, Russia, Australia, and Japan and the "developing" world of Africa, Latin America, the Mid-East, and Asia; appraisal of those factors (education, healthcare, industry) necessary to promote development.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: None

GERMAN

GER 1401 German I 4,0

Introductory German imparts communication skills for daily use in these areas: listening, speaking, reading and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: None

GER 1402 German II 4,0

Continued introductory German imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Spring Even Years

Course Fee: None

Pre-Requisites: GRE 1401

GER 2311 German III 4,0

Intermediate German imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It emphasizes advanced skill in linguistic and cultural accuracy.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: GRE 1401 and GRE 1402 or equivalent background

GER 4321 German IV 4,0

This course offers students further reading of authentic German texts and viewing of German filmic literature (unmodified, original readings and original German-language film) and practice in discussion of the topics these artifacts treat; that is, students will extend and enforce their knowledge of vocabulary, grammar, and culture. This advanced level of instruction also offers strategies in learning, so students can proceed in their acquisition of language independently. Finally, this reading, viewing and conversation course imparts critical thinking and the ability to develop a sound written thesis.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: GRE 1401, GRE 1402, and GRE 2311 or equivalent background

GEOLOGY

GLG 3301 Geology 3,0

The earth from the perspective of physical and historical geology. Not available for audit.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Three credit hours of a physical science.

GREEK

GRE 2311 Greek I 3,0

Fundamentals of Greek using Koine and Classical approaches.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

GRE 2312 Greek II 3,0

Continuation of GRE 2311, with reading in Greek New Testament.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: GRE 2311

GRE 3313 Greek III 3,0

Reading in the New Testament and Hellenistic Greek with correlated grammar review.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: GRE 2312

GRE 3314 Greek IV 3,0

Readings in the New Testament and in Classical Greek with survey of comparative grammar.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: GRE 3313

GRE 4215 Advanced Greek Readings 2,0

For those who have satisfactorily completed the basic Greek grammar courses. Selections will be drawn from the New Testament, the Greek Old Testament (the Septuagint) and other Greek literature. May be repeated for credit when readings are varied

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: GRE 3314.

HEALTH CARE ADMINISTRATION

HCA 3300 Health Care Org. and Delivery

This course presents an overview of the healthcare system and the role healthcare organizations have played and will continue to play in the future. It provides an analysis of the organizational structure of healthcare organizations and other healthcare agencies. An examination is made of the administrative and management elements necessary for policy determination, decision making and control to achieve institutional goals and objectives. (offered only Online)

Course Rotation:

Course Fee: None

Pre-Requisites: None

HCA 3312 Management Essentials in Healthcare Admin 3,0

This course provides the student with the foundational concepts of management with functional applications in the healthcare setting. (offered only Online)

Course Rotation:

Course Fee: None

Pre-Requisites: HCA 3300

HCA 3330 Information Tech in Healthcare 3,0

This course examines the rapidly changing role of computers and information systems as key decision support and critical operations facilitation resources in the management of healthcare organizations. The course establishes a framework for understanding the requisite elements of a properly chosen, effectively implemented, and efficiently utilized healthcare information system. As technological software changes, students will learn about the most up-to-date systems that are being utilized to effectively and efficiently manage and operate healthcare organizations. (offered only Online)

Course Rotation: *Course Fee: None*
Pre-Requisites: HCA 3300

HCA 3360 Principles of Healthcare Finance 3,0

This course provides foundational instruction in the practices and responsibilities of the finance function in the healthcare organization and a beginning look at an administrator's role in the use of financial information. (offered only Online)

Course Rotation: *Course Fee: None*
Pre-Requisites: HCA 3300

HCA 4340 Legal Aspects of Healthcare Admin 3,0

This course presents an overview of the legal issues important to the health administrator, and provides students with a basic working knowledge of health law. Students are provided with the basic elements of health law and its application to the real world. (offered only Online)

Course Rotation: *Course Fee: None*
Pre-Requisites: HCA 3300

HCA 4370 Healthcare Economics 3,0

Built upon both financial management principles and theories of economics, this senior level study of healthcare economics provides a framework for the healthcare manager to analyze the healthcare marketplace and assess potential for profitability. This course is cross-listed as ECO 4370.

Course Rotation: *Course Fee: None*
Pre-Requisites: ECO 2302, and Upper-level standing or permission of Program Director

HCA 4410 Healthcare Admin Practicum 4,0

Capstone course for the student majoring in Healthcare Administration. The student is provided actual managerial experience in a healthcare setting. The course is project-oriented, and requires 60 hours of time over a 15-week term dedicated to the practicum setting. Prerequisites: Course taken in last year of degree program. Fulfills Experiential Learning requirement.

Course Rotation: *Course Fee: None*
Pre-Requisites: HCA 3300 or approval of the program director; upper level standing

HEBREW

HEB 3401 Biblical Hebrew I 4,1

The script, vocabulary, and structure of Biblical Hebrew.

Course Rotation: Every Fall *Course Fee: None*
Pre-Requisites: None

HEB 3402 Biblical Hebrew II 4,1

Continuation of HEB 3401.

Course Rotation: Every Spring *Course Fee: None*
Pre-Requisites: HEB 3401

HEB 4201 Hebrew Bible Readings 2,0

Continued practice in reading and translating sections of the Hebrew Bible, with review of grammar. This class may be repeated for credit.

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: HEB 3402

HISTORY

HIS 1301 U.S. History to 1877 3,0

A survey of U.S. history from European colonization to 1877, relating events of the past to current areas of American life. Emphasis on the origins and development of economic, social, and cultural trends. May be used to fulfill History requirement in the Concordia Common Experience curriculum.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

HIS 1302 U.S. History from 1877 3,0

A survey of U.S. history from the Reconstruction Era to the present. Emphasis on economic cycles, political issues, social and cultural change, and emergence of the United States as a world power. May be used to fulfill History requirement in the Concordia Common Experience curriculum.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

HIS 1318 Technology for the Humanities 3,0

Introduction to current technological tools appropriate to the Humanities. Cross-listed with ENG 1318.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

HIS 2301 Historical Methods 3,0

An introduction to the discipline and field of history, including what it means to “think historically,” historical research and writing, historiography, and careers in the history field.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

HIS 2306 Race and Ethnic Relations 3,0

Emphasis on race and ethnic relations as a national concern with emphasis on these concerns in the Southwest. Cross-listed as SOC 2306.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: SOC 1301 or HIS 1301 or HIS 1302

HIS 2311 World History to 1500 3,0

A survey of the political, philosophical, social, cultural, and economic trends throughout the world to about 1500 focusing on the rise of civilizations, the development of political and legal systems, religion and philosophy, economic systems and trans-regional networks of exchange. Emphasis is on comparative history and the study of cross-cultural encounters

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

HIS 2312 World History from 1500 3,0

A survey of the political, philosophical, social, cultural, and economic trends throughout the world after about 1500 focusing on maritime exploration and transoceanic empires, nation/state formation and industrialization, imperialism, global conflicts and resolutions, and global economic integration. Emphasis is on comparative history and the study of cross-cultural encounters.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

HIS 2321 Western Civilization to 1715 3,0

A survey of the political, philosophical, cultural, and economic trends of the western world to about 1715 focusing on Greco-Roman culture, Church and State in medieval Europe, Renaissance politics and culture, and changes in early modern Europe.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

HIS 2322 Western Civilization from 1715 3,0

A survey of the political, philosophical, cultural, and economic trends of western civilization from about 1715 focusing on the Enlightenment, industrial revolution, reforms and revolutions in the nineteenth century, imperialism, world wars, and the Cold War.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

HIS 3301 History of Mexico 3,0

An overview and analysis of the history of Mexico from the pre-Columbian period to the present, including the civilizations of pre-Columbian Mexico, Spanish exploration, the establishment of nationhood, the modernization of Mexico, the Mexican Revolution, and the major political, economic, and social movements following the Revolution. Emphasis will be given to the development of Mexican cultural and national identity. Prerequisite: Three credit hours of history.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history

HIS 3302 Introduction to Policy History 3,0

An introduction to the interdisciplinary field of policy history noting the application of historical perspectives to public policy studies and contemporary policy issues. Students are introduced to basic policy history issues and methodologies.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history

HIS 3304 The History and Culture of the Mexican American 3,0

An analysis of the history and culture of Mexican Americans in the United States over the past two centuries, focusing particularly on the U.S.-Mexican War, the emergence of Mexican American identity, the evolution of thinking about race in the early twentieth century U.S., the growth of Mexican American communities in Texas, immigration policy, labor, and present-day border issues. The course will also explore the unique cultural traditions of Mexican Americans in religion, values, music, and folklore. Cross-listed as SOC 3304.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history or SOC 1301

HIS 3306 Introduction to Public History 3,0

An introduction to public history surveying the major topics in the field through readings, discussion, and guest lectures. Students will learn about the history of public history, employment opportunities for public historians, and public historical issues. Emphasis will be placed on the application of theories of public history to real-world situations.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history

HIS 3308 Asian History and Culture 3,0

This course provides an overview and analysis of the history of the Asian continent. It examines the interaction among peoples of different genders, national origins, races and cultures, and how such interaction has shaped Asian societies.

Course Rotation: Spring Even Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3311 Texas History 3,0

An overview and analysis of political, social, economic, and cultural developments of Texas from the era of Spanish colonization to the present including an examination of the roots and development of “Texan” identity.

Course Rotation: Every Spring *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3314 Traditions and Values of Classical Civilizations 3,0

An historical and thematic approach to the contributions of the classical Greek and Roman worlds to Western civilization.

Course Rotation: Fall Even Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3320 Latin American Seminar 3,0

Research in current issues and topics in Latin American studies.

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: HIS 3304

HIS 3321 International Relations Since 1919 3,0

An analysis of world events since 1919 that affected relations between nations including wars; peace negotiations; economics, intellectual, and social crisis; and attempts at international cooperation.

Course Rotation: Fall Odd Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3341 The Civil War Era 3,0

An analysis of the major events leading to the outbreak of the American Civil War, wartime politics in both the Union and Confederacy, military aspects of the war, and the economic, social, and political aspects of the Reconstruction Era.

Course Rotation: Spring Odd Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3342 The American West 3,0

An overview and analysis of the history and geography of the American frontier from the colonial period to the late nineteenth century; the frontier experience and its impact on the nation; and the political, social, economic, geographical, and urban developments within the Great Plains, Mountain West, and Pacific West after 1900.

Course Rotation: Fall Odd Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3343 Post-World War II America 3,0

An analysis of the cultural, social and political history of the United States from the end of World War II to the end of the Cold War.

Course Rotation: Spring Even Years *Course Fee: None*
Pre-Requisites: Three (3) credit hours of history

HIS 3344 American Environmental History 3,0

An examination of three centuries of changing American attitudes and actions toward the natural environment, the rise of the conservation movement, and the development of an ecological perspective

and the environmental movement.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history

HIS 3352 History of the Middle Ages 3,0

This course will investigate the history of Europe and the Near East from the dissolution of the Roman Empire to the start of the Renaissance. It will study the political, economic, social, and cultural development of the three successor civilizations of the ancient world: Byzantium, Islam, and Western Christendom, with particular emphasis on the Christian West. It will look at how these civilizations developed and interacted in both peace and war.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: Three (3) credit hours of history

HIS 3354 History of Christianity 3,0

An overview of the history of Christianity from the New Testament era to the present. The course will focus on the central persons, ideas, issues, and events that have shaped the Christian Church and its worship, doctrine, ethics, organization, and mission. Cross-listed as REL 3354.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: REL 1301

HIS 4101 Senior Thesis Continued

This course allows a student to complete the research, writing, and presentation of the Senior Thesis, HIS 4201. This course may be taken only once. If a student receives an "F" for HIS 4201 and No Credit for HIS 4101, that student will have to retake HIS 4201. Graded as "Credit" or "No Credit." NOTE: This course allows a student to complete the research, writing, and presentation of the Senior Thesis, HIS 4201. This course may be taken only once. The letter grade assigned to this course will replace the "Administrative Incomplete" in HIS 4201, Senior Thesis.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: HIS 4201

HIS 4201 Senior Thesis 2,0

The Capstone course for history majors comprised of a personally designed research program that culminates in a journal quality research paper. NOTE: Students who complete the thesis requirements in HIS 4201 will receive a letter grade. Students who plan to complete the thesis requirements in HIS 4101 Senior Thesis Continued will receive an "Administrative Incomplete" which will be removed when HIS 4101 is completed and a grade is assigned.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: HIS 2301 Historical Methods and at least six hours of upper-level HIS coursework

HIS 4310 History Internship 3,0

Supervised on-the-job experience and involvement at one of Austin's museums, libraries, archives, agencies or businesses. Interns will work with professionals in the history field. Prerequisites: Junior or senior standing, 3.00 GPA in the major, 2.50 cumulative GPA and a grade of C or better in HIS 2201 Historical Methods, and at least six hours of upper-level HIS coursework. May be repeated once for credit as a history elective. Fulfills Experiential Learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or Senior standing, 3.0 GPA in major, 2.5 cumulative GPA, and HIS 2301

HIS 4360 Topics in History 3,0

A seminar style examination, discussion, and analysis of a historical issue, time period, person, or group.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Six (6) credit hours of history

HUMAN RESOURCE MANAGEMENT

HRM 3315 Training and Development 3,0

Studies needs analysis, training program design, communicating objectives and goals, interrelating with media, teaching, facilitating education, acting as a change agent, administering and evaluating programs.

Course Rotation:

Course Fee: None

Pre-Requisites: HRM 3345

HRM 3330 Talent Management and Organizational Staffing 3,0

Challenges the student to develop a working knowledge of staffing system models, economic conditions, labor markets, and labor unions' influence on staffing.

Course Rotation:

Course Fee: None

Pre-Requisites: HRM 3345

HRM 3335 Critical Thinking and Problem Solving in H.R. Management. 3,0

Equips the individual with critical thinking skills.

Course Rotation:

Course Fee: None

Pre-Requisites: None

HRM 3345 Fundamentals of H.R. Management 3,0

Highlights those functions of human resource management identified by the Society for Human Resource Management (SHRM) such as employment, training, benefits, etc.

Course Rotation:

Course Fee: None

Pre-Requisites: None

HRM 3350 Overview of Conflict Resolution 3,0

An introduction to the theories and uses of conflict resolution. This course will introduce the relevance of conflict resolution in the field of Human Resources.

Course Rotation:

Course Fee: None

Pre-Requisites: None

HRM 3355 International Human Resource Management 3,0

Basic HR principles and guidelines apply when working with all people, but the quickly-growing global workplace brings more complex and ever evolving challenges. Coursework and discussions will focus on these differences as they apply to companies with employees in multiple global locations as well as to companies whose employees come from international backgrounds.

Course Rotation:

Course Fee: None

Pre-Requisites: Senior level standing, HRM 3345

HRM 4315 Strategic Management in Human Resources 3,0

Designed as a capstone course for students pursuing the Human Resource Management Degree at Concordia University Texas. The course is intended to require participants to integrate knowledge gained from the HRM courses required in the degree major. Students will review and apply strategic HRM concepts and issues related to the HR profession (staffing, training, development, compensation, benefits, law, organizational design, high performing teams, diversity, etc.).

Course Rotation:

Course Fee: None

Pre-Requisites: Senior level standing, HRM 3345, BADM 3310

KINESIOLOGY

KIN 1132 Racquet Sports (Skill) 0,2

Basic rules and fundamental skills of badminton, racquetball, and tennis taught through participation. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1133 Basketball/ Softball (Skill) 0,2

Basic rules and fundamental skills of each activity taught through participation. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1134 Bowling/ Archery (Skill) 0,2

Basic rules and fundamental skills of each activity taught through participation. Students must pay bowling fees. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1136 Golf/ Volleyball (Skill) 0,2

Basic rules and fundamental skills of each activity taught through participation. Students must pay golf fees. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1137 Introduction to Martial Arts (Skill) 0,2

An activity course designed to develop and enhance movement skills in Judo, Karate, and Tai Kwon Do. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1139 Table Tennis/ Pickle Ball (Skill) 0,2

Addresses the five components of skill-related fitness. The development of agility, speed, quickness, coordination and power are necessary for a balanced fitness regimen. Student participation is key to the success of any skill-based activity course, as repetition is the cornerstone of acquiring sports skills. The skill components of table tennis and pickle ball are transferable and reinforce the learning of the skill component. May not be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1140 Intercollegiate Golf – Women 0,2

Credit awarded to those who participate in the entire season of intercollegiate golf. May be repeated for credit.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

KIN 1141 Intercollegiate Basketball – Men 0,2

Credit awarded to those who participate in the entire season of men's intercollegiate basketball. May be repeated for credit.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

KIN 1142 Intercollegiate Tennis – Men 0,2

Credit awarded to those who participate in the entire season of men's intercollegiate tennis. May be repeated for credit.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

KIN 1143 Intercollegiate Baseball – Men 0,2

Credit awarded to those who participate in the entire season of men's intercollegiate baseball. May be repeated for credit.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

KIN 1144 Intercollegiate Golf – Men 0,2

Credit awarded to those who participate in the entire season of intercollegiate golf. May be repeated for credit.

Course Rotation: Every Fall
Pre-Requisites: None

Course Fee: None

KIN 1145 Intercollegiate Cross Country – Men 0,2

Credit awarded to those who participate in the entire season of intercollegiate cross country. May be repeated for credit.

Course Rotation: Every Fall
Pre-Requisites: None

Course Fee: None

KIN 1146 Intercollegiate Cross Country – Women 0,2

Credit awarded to those who participate in the entire season of intercollegiate cross country. May be repeated for credit.

Course Rotation: Every Fall
Pre-Requisites: None

Course Fee: None

KIN 1147 Men's Intercollegiate Track & Field 0,2

Activity course designed to provide students with the opportunity to develop and/or improve their existing psychomotor skill abilities in the events of track and field. Students will practice the movement patterns of the various events and become competent in the execution of those skills. Additionally, students will be exposed to instructional methodologies used in the teaching of track and field.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

KIN 1157 Women's Intercollegiate Track & Field 0,2

Activity course designed to provide students with the opportunity to develop and/or improve their existing psychomotor skill abilities in the events of track and field. Students will practice the movement patterns of the various events and become competent in the execution of those skills. Additionally, students will be exposed to instructional methodologies used in the teaching of track and field.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

KIN 1151 Intercollegiate Basketball – Women 0,2

Credit awarded to those who participate in the entire season of women's basketball. May be repeated for credit.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

KIN 1152 Intercollegiate Tennis - Women 0,2

Credit awarded to those who participate in the entire season of women's tennis. May be repeated for credit.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

KIN 1153 Intercollegiate Softball - Women 0,2

Credit awarded to those who participate in the entire season of women's softball. May be repeated for credit.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

KIN 1154 Intercollegiate Soccer – Women 0,2

Credit awarded to those who participate in the entire season of intercollegiate soccer. May be repeated for credit.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

KIN 1155 Intercollegiate Soccer – Men 0,2

Credit awarded to those who participate in the entire season of intercollegiate soccer. May be repeated for credit.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

KIN 1156 Intercollegiate Volleyball – Women 0,2

Credit awarded to those who participate in the entire season of women's volleyball. May be repeated for credit.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

KIN 1160 Co-Ed Cheerleading 0,2

Activity and skill course to develop and/or improve existing psychomotor skill abilities, including; stunting, tumbling, arm placements, chants, cheers, dance and instructional methodologies used in teaching cheerleading skills. May be repeated for credit.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

KIN 1171 Aerobics/Dance (Fitness) 0,2

Rhythmic movement activity involving aerobic, folk, and square dancing. Taught through participation. May be repeated for credit.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

KIN 1174 Phys Fitness & Conditioning (Fitness) 0,2

An activity course that includes exercises designed to improve levels of physical fitness, particularly in the areas of cardiovascular endurance, muscular endurance, strength and flexibility. May be repeated

for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1176 Wt. Training & Conditioning (Fitness) 0,2

An activity course designed to develop and enhance muscular strength and endurance. May be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1177 Aerobic Walking (Fitness) 0,2

Addresses the components of health-related fitness. The development of cardiovascular endurance, muscular endurance, body composition and flexibility are necessary for a balanced fitness regimen. Student participation is key to the success of any activity course, and walking is a classic learning environment for the appreciation of fitness as improvement is rapid and the basic movements necessary to master the activity are pre-existing. May be repeated for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 1301 Personal Wellness 3,0

This course is designed to promote a healthy lifestyle derived from proper physical activity and informed lifestyle choices. Major topics of emphasis include an overview of the principals of wellness, stress management, nutrition and weight management, and concepts and principals of physical fitness. With the assistance of related laboratory experiences, students will be provided the opportunity to evaluate their current state of wellness in each of the topic areas and plan appropriate lifestyle change strategies. May be used to fulfill Kinesiology requirement in the Concordia Common Experience curriculum.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

KIN 1302 First Aid and Safety 3,0

Safety in prevention of injuries; first aid treatment, including CPR, emergency care and treatment of injury with special emphasis on playground and school injuries. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 2301 Personal and Community Health 3,0

Personal health problems, venereal disease, AIDS, birth control, cancer, heart diseases, nutrition, fitness, mental health, family living, and community and consumer health. Prerequisite: Sophomore standing or consent of instructor. Note: Does NOT count for core physical education requirements. Note: If a student presents a medical doctor's letter that precludes participation in activity courses, KIN 2301 will be allowed in lieu of the three one hour KIN courses in the core.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 2302 Introduction to Physical Education 3,0

Overview of the foundations of physical education and various careers available in this field. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 2303 Theory & Application of Physical Fitness 3,0

A study of the various theories of human physical fitness and their application in forming conditioning protocols. An acceptable fitness profile, through in-class conditioning, is to be developed and fitness testing field experience is required. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 2320 Adult Personal & Community Wellness 3,0

Components of health-related fitness will be addressed through readings and activities. Personal fitness assessments will be made periodically. Personal and community health issues will also be addressed.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 2330 Prevention & Treatment of Movement Injuries

This class covers the methods and techniques for the treatment and prevention of injuries related to participation in physical activities. Emphasis is placed on injury management procedures, knowledge of movement injuries and conditioning, and taping and bracing procedures.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3311 Musculoskeletal Anatomy and Biomechanics 3,0

The musculoskeletal system: application of basic mechanical principles in human movement. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3313 Motor Development and Learning 3,0

An introduction to the theories of motor learning and skills acquisition. Does NOT count for core physical education requirements. Physiological development of the child in relation to physical performance. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3315 Org & Admin of Physical Ed & Sport 3,0

Principles, practices, and procedures in organizing and administering physical education/athletic programs; staffing, facilities, budgeting, equipment, and safety. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3316 Evaluation in Physical Ed and Sport 3,0

Principles of measurement and evaluation, elements of statistical techniques appropriate to physical education, criteria for test selection, construction and evaluation of human performance in the cognitive and motor domains. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3334 Exercise and Sport Psychology 3,0

This class covers the psychological aspects of movement activities that underline performance. It also covers the intrinsic and extrinsic factors that must be recognized in order to understand, motivate, and evaluate human movement. Note: Does NOT count for core physical education requirements. Cross

listed with PSY 3334.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3331 Coaching Team Sports 3,0

An introduction to team sports-history, psychology, rules, skills, equipment, instructional techniques, safety principles, adaptations for the physically disabled and competitive programs. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3332 Coaching Individual Sports 3,0

An introduction to individual sports-history, psychology, rules, skills, equipment, instructional techniques, safety principles, adaptations for the physically disabled and competitive programs. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3333 Methods of Teaching Phys Ed 3,0

Methods and techniques for teaching physical education. Learning and practicing the "how to" aspects of teaching physical education. Writing of instructional objectives and lesson plans, principles of organization and class management, and delivery strategies unique to physical education. Note: Does NOT count for core physical education requirements

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 3335 Coaching Team Sports – Football 3,0

An introduction to football including history, psychology, rules, skills, equipment, instructional techniques, safety principles, adaptations for the physically disabled and competitive programs.

Course Rotation:

Course Fee: None

Pre-Requisites: None

KIN 4310 Kinesiology Internship 0,3

Provides students with the opportunity to demonstrate and gain experience building and using diagnostic skills, organization skills, group process skills, and program skills in a community, school or university setting. May be repeated once for credit. Fulfills Experiential Learning requirement.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or senior standing

KIN 4330 Exercise Physiology

This class is a study of the physiological responses of the body to exercise. Emphasis is on the application of the physiological principles deemed most important for understanding physical training. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: BIO 3411

LATIN

LAT 1301 Latin I 3,0

This course covers the basic grammatical structure of the language. Readings include selections from the Vulgate and Medieval Church Latin.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

LAT 1302 Latin II 3,0

This course continues with more advanced grammatical study. Readings include selections from Ecclesiastical Latin and passages from Ovid's *Metamorphoses*.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: LAT 1301

LAT 2311 Latin III 3,0

A continuation of the study of Latin grammar with readings from Cicero, Vergil, Ovid, and from the Vulgate.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: LAT 1302

LEADERSHIP

LDR 1100 Life and Leadership 1,0

This course is designed to assist students toward a successful adjustment to college life at Concordia University Texas. Required of all first-time freshmen, students will engage in activities that provide opportunities to learn about the many aspects of college life that will help them engage at a higher level in the areas of academics, social interactions, personal wellness, and institutional affinity. In addition, students will be introduced to the concept of Christian leadership and its application to their lives. Life and Leadership will provide interplay between academic rigor and social/structural activities that can help students in finding success at the college level and in persisting through to their sophomore year and on to graduation. Fulfills one of the leadership requirements of the Concordia Distinctive.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

LDR 110T – Life and Leadership: Transfer 1,0

This course is designed to assist students toward a successful adjustment to being a student at Concordia University Texas. Required of all transfer students in the traditional program at Concordia, participants will engage in activities that provide opportunities to learn about, understand, and function within the culture and climate of the institution. In addition, students will be introduced to the concepts of Christian leadership, vocation, the liberal arts, identity, and the Lutheran Learning Model. Life and Leadership will provide interplay between academic rigor and structured activities that can help students in finding success at Concordia and in persisting through to graduation. Fulfills one of the leadership requirements of the Concordia Distinctive.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

LDR 2201 Leadership Theory and Practice

This course will provide students a theoretical and practical understanding of leadership that will enable them to engage in leadership roles at a higher level. Through the use of individual and group projects, students will consider different leadership models and strategies, observe leadership in action, and develop a personal theory of leadership that can be used in various settings. Fulfills one of the leadership requirements of the Concordia Distinctive.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: LDR 1100 or LDR 110T

LDR 3301 Peer Leadership 3,0

The purpose of this course is to develop student leaders by having them participate as student mentors and assistants for Life and Leadership (LDR 1100 and LDR 1100T) at Concordia University Texas. The class will provide a forum for the evaluation, reflection, and processing of leadership experiences as a Life and Leadership Peer Leader. Discussions will revolve around topics such as fostering student learning, helping skills, effective communication, modeling Christian leadership, and other related topics. Class participants will also be required to attend all Life and Leadership classes and seminars as assigned as well as meeting and planning with the Life and Leadership class instructor. Fulfills one of the leadership requirements of the Concordia Distinctive.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Course instructor permission required. Junior or Senior level standing is recommended

LDR 4100 Leadership Careers and Capstone 1,0

Students will master the meaning of vocation as they explore individual competencies, and prepare professional instruments such as a resume, online profile, and supporting materials. Additionally, students will learn about leading change, multiculturalism and inclusivity, and navigating the professional landscape, through readings, noteworthy seminars, and interactive activities.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: LDR 1100 and successful completion or concurrent enrollment in LDR 2201.

LITERACY CURRICULUM

LTC 5329 Foundations of Literacy

Focuses on designing, implementing, adapting, and evaluating reading instruction for students' early childhood to twelfth grade. The activities and strategies included are based on current research.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

LTC 5330 Language Acquisition and Emergent Literacy

Studies the philosophy of language development and emergent literacy; acquisition of structure, content, and use of children's language in reading, writing, speaking and listening. Cross listed as ECE 5330.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

LTC 5331 Reading and Writing Across the Curriculum: All Levels

Teaching all level content area subjects using sound reading and writing instructional techniques.

Emphasizes reading for understanding and reading to learn. Includes study techniques, classroom-based assessment, and meeting the needs of special students.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

LTC 5333 Literature and Literacy

Comprehensive study of diverse types of literature for children and early adolescents; evaluation and selection of books with regards to needs and interests of students; storytelling techniques; curriculum applications; reference to meeting needs of special needs students.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

LTC 5336 Literacy Improvement and Remediation Practicum

Field-based basic practicum in remediation and literacy improvement emphasizing selection and use of appropriate methods and materials under supervision; applies evaluation and diagnostic techniques. The Case Study proposal created in MED 5305 will be implemented in this class. This course serves as the

capstone requirement for the Advanced Literacy Instruction sequence.
Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: LTC 5330, LTC 5331, LTC 5339, MED5305

LTC 5337 Independent Study in Advanced Literacy Instruction

Requires an individual study project emphasizing close reading and discussion of issues and trends in advanced literacy instruction. This course can be used only with prior approval of the Graduate Education Committee. Documentation of extreme extenuating circumstances must be presented to the Graduate Education Committee.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: None

LTC 5338 Reading and Literacy Programs

Selection, administration and evaluation of reading programs and instructional strategies appropriate for literacy development in the regular classroom environment.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: LTC 5330 and LTC 5331

LTC 5339 Evaluation and Diagnosis of Literacy Needs

Explores symptoms and causes of ineffective reading and writing skills. Under supervision and guidance, students develop strategies and techniques for evaluation and diagnosis of strengths and weaknesses in a struggling reader and/or writer. Students select, administer and evaluate assessment instruments, interpret assessment outcomes, and provide professional recommendations for future interventions.

Course Rotation: As needed for cohorts *Course Fee: None*
Pre-Requisites: LTC 5330 and LTC 5331

MASTER OF BUSINESS ADMINISTRATION

MBA 5306 Critical Thinking

This course is designed to give new MBA students a common foundation in management concepts, analysis, and technologies. Students will improve their skills in self-awareness, reflection, listening, and making sound judgments. Students will learn how to research and write at the graduate level, prepare and analyze case studies, improve their speaking and presentation skills, along with working in teams. Students will also develop skills necessary to evaluate the assumptions, evidence, and inferences of what one thinks, reads and hears, and to present ideas in a logical, thorough, and persuasive manner.

Course Rotation: Every Semester *Course Fee: None*
Pre-Requisites: None

MBA 5300 Quantitative Methods and Statistics

This is a foundation course in business mathematics and statistics designed to equip managers and leaders with the ability to translate managerial, financial or economics problems into mathematical manipulations; and to be able to interpret descriptive and inferential statistics in a practical business setting. The core concepts include finance, economics, linear equations, non-linear equations, exponential notation, and measures of central tendency, regression analysis and hypothesis testing.
Prerequisites:

Course Rotation: Every Semester *Course Fee: None*
Pre-Requisites: Ivy Software module may be required depending upon admission requirements.

MBA 5201 Marketing Management

This course focuses on the marketing decisions made by businesses and organizations, covering the strategic role of marketing, marketing problems typically encountered in business, and the analytical concepts and techniques used in marketing. Students will understand marketing planning and strategy in the context of organizational plans as well as how to integrate the functional areas of business administration into a realistic approach to solving complex problems at the executive level.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5103 Leadership Seminar I—Engaging Self

Leadership Seminars are designed to provide a space for students to integrate course content, personal commitments, and real world experience to transform themselves as leaders. The Seminars enable students to do this with the support and input of their cohort peers. Each seminar covers an essential aspect or “site” of leadership and consists of relevant assessment and discovery tools, discussion, self-reflection, and integration of course material. Leadership Seminar I focuses on personal transformation and the call of leadership.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5302 Managerial Economics

This course covers the economic forces that have a fundamental influence on a business’ profitability, growth, and sustainability. It provides the core economic concepts that guide managerial decision-making. Topics include Supply/Demand, Capital Markets, Consumer Theory, Structures of Markets, Trade-offs, Cost-Benefit Analysis, Forecasting and Budgeting. Prerequisites: Ivy Software module may be required depending upon admission requirements.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5113 Leadership Seminar II—Engaging Others

Leadership Seminars are designed to provide a space for students to integrate course content, personal commitments, and real world experience to transform themselves as leaders. The Seminars enable students to do this with the support and input of their cohort peers. Each seminar covers an essential aspect or “site” of leadership and consists of relevant assessment and discovery tools, discussion, self-reflection, and integration of course material. Leadership Seminar II focuses on the aspects of Transformational Leadership, including leading in a collaborative fashion and helping others find their leadership potential.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5216 Managing Operations and Technology (2 semester hours)

This course covers key operational aspects of a business: tactical decision-making, process design and control, organizational structure, workforce issues, quality control, and planning. Course emphasizes the use of IT social media, and the Internet for business processes and communication.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5307 Managerial Accounting

This course covers the use of accounting data and processes in managing a business or an organization. In particular, it focuses on the concepts, processes, and models that provide information and control for managers, as well as the ways in which accounting supports and enables marketing and strategy decisions, performance, and operations management. Prerequisites: Ivy Software module may be

required depending upon admission requirements.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5308 Organizational Ethics, Behavior and Change

This course covers the ethical interconnection of worldviews, values, and behavior in an organization. The course analyzes the impact of ethical decisions on organizational stakeholders, as well as tools for creating and sustaining an ethical culture in understanding theoretical models and interplay of moral, legal, and social issues in managing one's self, individuals, groups, and organizations in a complex environment where stakeholders often have competing interests. Topics include Leadership, Collaboration/Groups, Change, Culture, Resilience, and Organizational Learning.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5312 Managerial Finance

This course focuses on finance concepts and tools necessary for successfully running a business and making effective decisions. Emphasis placed on preparing students with the practical tools necessary for running a business. Topics include Debt/Equity mix, Cash Flow, Opportunity Cost, Risk-Return, Valuation of Assets/Projects. Prerequisites: Managerial Accounting must be taken prior to MBA 5312.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Ivy Software module may be required depending upon admission requirements. MBA 5307

MBA 5220 Business, Society and Public Policy

This course examines current political, legal, and social forces acting on business and the ways in which business influences these forces. It focuses in particular on legislative and regulatory actions, policy making and implementation, and the interaction of the political-economic systems, public policy, and business. The course also examines the evolving relationship of business, government, and nonprofit organizations in America today, especially the rise of business-public-private-nonprofit collaborations.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5122 Leadership Seminar III—Engaging Community

Leadership Seminars are designed to provide a space for students to integrate course content, personal commitments, and real world experience to transform themselves as leaders. The Seminars enable students to do this with the support and input of their cohort peers. Each seminar covers an essential aspect or "site" of leadership and consists of relevant assessment and discovery tools, discussion, self-reflection, and integration of course material. Leadership Seminar III will help students understand the needs of their local community and explore how they can personally make an impact for the common good within their community.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5321 Decision Making and Strategy in Complex Situations

This course provides systems thinking tools and processes for agile decision-making and flexible strategies to engage complex business situations. It focuses on the ability to continually position a business to adapt to and take advantage of a changing business environment and to develop a sustainable competitive advantage. The course emphasizes working knowledge and understanding of key environmental factors and forces that shape business today. Topics include Industry Analysis, Resource Theory, Operational Strategy, Transaction Cost, Value Chain Analysis, Globalization/Multiculturalism,

Sustainability/Green Business, Social and Community Responsibility, the “New Economy.”

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5225 Entrepreneurship and Innovation

Principles and techniques of opportunity identification, new venture creation, innovation and sustainability. This course considers entrepreneurial innovation from concept to market. The course emphasizes social innovation and social entrepreneurship, including how principles of each benefit traditional businesses. Designed to support students’ venture creation in MBA Capstone.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5447 Capstone

This course allows students to establish a link between their academic knowledge and practical applications by partnering with business and industry in their community. Students will plan, develop, and propose a capstone project with emphasis on management consulting or integrate their learning experiences throughout the program in the creation of a venture or project they might pursue once they have left the program. Designed to build off concepts and techniques taught in the Entrepreneurship and Innovation Course.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5350h Healthcare Strategy and Business Planning

This course will examine strategic planning processes and will focus on the key components of business planning in the healthcare management environment. Healthcare reform, ethical concerns and social justice are additional topics in managing the dual tracks of strategic and operational planning for today’s healthcare leader.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5352h Ethical and Legal Issues in Healthcare Management

This course presents an overview of the ethical and legal issues important to the healthcare manager, and provides students with a working knowledge of ethics and health law. Students will learn the contemporary elements of health law and its application to healthcare management with a range of topics from professional standards, patient rights, government regulation, negligence and malpractice and medical records.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5354h Policy Trends and Considerations for the Healthcare Manager

The purpose of this course provides students with an accurate understanding of the policy challenges in the U.S. healthcare care system today. The course will focus on the challenges of cost, quality, and access, the relationship between market failure and the passage of the Affordable Care Act (ACA), and the expected and potential impact of the ACA on the organization, structure, delivery and outcomes of the health care system.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5356h Quality Methods for Healthcare Performance

This course serves as a capstone course for students in their last semester that will examine methods and tools for managing quality in health facilities, physician practices, managed care and public health

organizations. Topics will cover developments in quality assurance and improvement processes, risk management, the Affordable Care Act, and utilization management practices and trends.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5309 Organizational Culture, Power and Influence

This course provides an understanding and exploration in how cultural attributes and characteristics impacts personal identity, personal assimilation, social mobility, and power/influence in the learning environment. Particular attention is given to the concept of organizational culture systems and the influence they play on professional interaction in teaching, curriculum design/development and training presentation.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5319 Talent Management

This course emphasizes the process between workforce engagement, motivation and development. Especially examined in this course is the role that talent management and motivation has in the realm of organizational learning and training. The course investigates into various motivational and talent management theories to help the student to understand the complexities and meaning/purpose of work - why do people work, and how effective motivation can lead to future employee success.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5318 Principles of Corporate Training and Learning

In this course students will examine critical processes associated with the planning, developing and implementing of training and education programs that build upon an organization's vision and mission. The processes will mesh proven methods with new trends that connect theories, models and strategies within organizational development.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 5313 Organizational Processes in Consulting and Coaching

This is an application course exploring the profession of management consulting and coaching. Designed to teach through understanding the art and science of internal and external management consulting/coaching, students are offered an opportunity to explore the relationship between theory and practice, and the continual changing nature of the consultation industry. Students must take this course in their last semester of the MBA-ODL program.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

MBA 53XX Internship

The internship provides students with the opportunity to apply the cumulative knowledge and skills in the MBA program to a real-world work environment. The internship involves the following steps: 1) selecting a work site; 2) developing a contract that ensures both employer and student benefit; 3) fulfilling the contract activity through ongoing work; and 4) preparing a paper that summarizes the learning experience and outcomes. The expectation is for a minimum of 150 hours completed in this internship. The internship course does not warrant course substitutions or course transfers.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Students must successfully complete 6 credit hours of the MBA program and must have a minimum of a 3.0 GPA to be eligible.

MASTER OF EDUCATION

MED 5303 Curriculum Design and Practice

Provides an intensive study of pedagogical approaches and materials for teaching in schools, such as state curriculum documents and the curricular recommendations of professional associations. Specific emphasis will be given to study of alternative approaches to curriculum theory, design, practice and evaluation.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MED 5305 Educational Research

Study of research methodology which explores various research modules, analyzes examples of research to identify models of acceptable and unacceptable research, and develops skills in using statistical techniques which enable the educator to be a reflective practitioner.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MED 5308 Ethics and Leadership in Education

A Christian perspective of current issues, philosophy, and practice in American education (public and private) are addressed in this course. Included will be important ethical issues in contemporary schooling such as cultural and religious diversity, professional conduct, student and parental rights, discipline, and technology. Students will evaluate their effectiveness as leaders. As a result of class activities, they will develop an awareness of personal leadership strengths, weaknesses, preferences, styles, and behaviors.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MED 5309 Differentiated Instruction & Learning Theory

Characteristics of effective teaching for all learning styles as well as major theories of learning will be studied. Recognizing the need to correlate the theoretical knowledge of learning and the ability to deliver the material in a manner that is relevant to the learner are essential for effective teaching. This course will provide students with an understanding of the various theories for learning and of differentiated styles of instructional delivery to correspond with various needs and abilities of learners.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MED 5312 Academic Coaching

Academic coaching is essential for school reform; it is imperative to teach the efficacy of, and outcomes associated with, effective coaching. The course will: 1) define academic coaching, 2) demonstrate implementation; 3) identify effective outcomes that will improve teacher performance and increase student learning.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MED 5311 Legal Aspects of Sports

The course surveys the multitude of regulations and legal developments relating to interscholastic, intercollegiate, and professional athletics. Included are issues relating to gender equity (Title IX), individuals with special needs (Individuals with Disabilities Act, Section 504, Americans with Disabilities Act), and tort actions (negligence, assault, hazing, defamation).

Course Rotation: As needed for cohorts
Pre-Requisites: None

Course Fee: None

MED 5310 Organizational Behavior in Sports.

This course explores the multidimensional aspect of individuals' behaviors and roles within the context of sport's group dynamics. Study includes motivational strategies, personality traits, communication techniques, and team climate which lead to team cohesion and success.

Course Rotation: As needed for cohorts

Course Fee: None

Pre-Requisites: None

MATHEMATICS

MTH 0313 Fundamentals of Mathematics 3,0

This is a course to review basic academic skills in mathematics and elementary algebra with special emphasis on problem solving. This course does not satisfy the mathematics requirements for a degree and is graded on a Credit/No Credit basis.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Placement at the Lower Developmental Level

MTH 0320 Intermediate Algebra 3,0

This course is a review of the high school algebra courses. It is designed to provide preparation for college entry math courses. This course does not satisfy college mathematics requirements for a degree and is graded on a Credit/No Credit basis.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: MTH 0313 or placement at the Upper Developmental Level

MTH 1323 Quantitative Literacy 3,0

This course includes a study in the uses of mathematics in society today. Fundamental concepts of logic and mathematics are explored to develop students' ability to think logically, quantitatively, and mathematically and to help them develop their problem solving abilities. Topics include logic, mathematics of finance, probability and statistics.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level.

MTH 1330 Applied Finite Math 3,0

This course includes application of arithmetic and algebra to business in order to solve supply and demand, break even, maxima-minima, and similar problems. Other topics included are systems of equations solved by Geometric, Gauss-Jordan elimination, and inverse matrix methods. Several applications of math of finance and basic concepts of probability are incorporated into the course. (Adult Degree Program use only.)

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 1331 Finite Mathematics 3,0

This course includes applications of algebra to business, matrices, linear programming, simplex method, and derivatives.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 1332 Applied Calculus 3,0

Topics in this course include differential and integral calculus with emphasis on business, economics, life sciences, and social sciences applications.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1351 with a grade of C or higher.

MTH 1341 Probability 3,0

Topics include permutations, combinations, equally likely outcomes, conditional probability, independence and dependence, mathematical expectations, and binomial distributions.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 1351 College Algebra 3,0

Topics in this course include the concept of functions and their graphs, with emphasis on polynomial, rational, exponential and logarithmic functions. The Fundamental Theorem of Algebra with application to zeros of polynomials and solutions to equations and inequalities using matrix arithmetic are incorporated into the curriculum.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 1352 Precalculus 3,0

Algebra and trigonometry topics necessary for further study in Calculus I are addressed in this course. Topics include linear and quadratic functions, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities, and applications of trigonometric functions to solutions of triangles, arithmetic of complex numbers, and the polar coordinate system.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 1370H Honors Mathematics and Effective Thinking

This course introduces students in the Honors Program to developments in modern mathematics. Topics include fractals, the fourth dimension, statistics, probability, and graph theory. Special emphasis will be placed on the elements of effective thinking.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level and membership in the Honors Program or permission of the instructor

MTH 2301 Introduction to Statistics 3,0

This course provides students with the methods and logic necessary to perform elementary statistical analysis. Topics may include descriptive measures, probability, sampling, theory of random variables, binomial and normal distributions, estimation and hypothesis testing, analysis of variance, regression and correlation, and nonparametric methods.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: MTH 0320 or placement at the Lower College Entry Level

MTH 2305 Discrete Structures 3,0

This course is an analysis of the basic structures that form the foundations of mathematics and computer science including statements, sets and subsets, number sets, sequences, relations, orderings, partitions, functions, graphs, and trees. Structures defined through induction and recursion, including introduction to the solutions of recurrence relations are addressed. Emphasis will be on formal logical and combinatorial proof. Cross-listed with CSC 2305 Discrete Structures.

Course Rotation:

Course Fee: None

Pre-Requisites: CSC 1401 with a grade of “C” or higher. Also MTH 1352 with a grade of ‘C’ or higher or math placement at Upper College Entry Level.

MTH 2401 Calculus I 4,0

This is the first course in single-variable calculus. It includes a review of basic functions, limits and continuity, definitions of derivatives and integrals, and differential rules. Introduction to the Fundamental Theorem of Calculus, Extreme Value Theorem, Rolle’s Theorem, and Mean Value Theorem are included. Applications of related rates, curve sketching (speed and acceleration), optimization, and introduction to numerical integration are incorporated into the course.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1352 with a grade ‘C’ or higher or placement at Upper College Entry Level

MTH 2402 Calculus II 4,0

This course is a continuation of MTH 2401, Calculus I. Integration techniques include substitutions, integration by parts, partial fraction decomposition, and integration tables. Sequences, series, convergence, and Taylor’s Theorem are examined. Applications to numerical integration, first-order differential equations, and analytic geometry are incorporated into the course.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of ‘C’ or higher

MTH 3101 Problem Solving: Algebra, Geometry, and Trigonometry 1,0

General problem solving techniques and specific problem solving strategies will be used in solving algebra, geometry, and trigonometry problems.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1352 with a grade of ‘C’ or higher or placement at Upper College Entry Level

MTH 3102 Problem Solving: Number Theory 1,0

General problem solving techniques and specific problem solving strategies will be used in solving number theory problems.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of ‘C’ or higher.

MTH 3103 Problem Solving: Combinatorics 1,0

General problem solving techniques and specific problem solving strategies will be used in solving combinatorics problems. This is a level 3 course.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1352 with a grade of ‘C’ or higher or placement at Upper College Entry Level

MTH 3104 Problem Solving: Miscellaneous Problems 1,0

General problem solving techniques and specific problem solving strategies will be used in miscellaneous problems including recreational problems.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1352 with a grade of ‘C’ or higher or placement at Upper College Entry Level

MTH 3301 Mathematics for Elem Teachers I 3,0

This course is designed for students seeking elementary certification (K – 8). Advanced perspectives on math topics taught in EC – 8 include number concepts and theory, patterns and relationships, and functions. Problem solving, reasoning, and making connections undergird all of these topics. The use of manipulatives and technology will be integrated into the curriculum.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1351 with a grade of ‘C’ or higher

MTH 3302 Mathematics for Elem Teachers II 3,0

This course is designed for students seeking elementary certification (K – 8). Advanced perspectives on math topics taught in EC – 8 include proportional reasoning, geometry concepts, measurement, data, probability and statistics. Geometry concepts include structure and classification of two and three dimensional geometric figures, and coordinate and transformational approaches to geometry. Problem solving, reasoning, and making connections undergird all of these topics. The use of manipulatives and technology will be integrated into the curriculum.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 1351 with a grade of 'C' or higher

MTH 3309 Numerical Analysis 3,0

Algorithms of numerical analysis are covered. Topics include floating point arithmetic, approximation, numerical integration and differentiation, solution of nonlinear equations, and solution of ordinary differential equations. Programming assignments will give experience in applying selected algorithms. Cross-listed with CSC 3309.

Course Rotation:

Course Fee: None

Pre-Requisites: CSC 1402 and MTH 2402 with a grade of 'C' or higher

MTH 3311 Linear Algebra 3,0

This course includes systems of linear equations, vector spaces, linear transformations, representation of linear transformations by matrices, matrix algebra, and determinants.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of 'C' or higher

MTH 3313 Number Theory 3,0

Divisibility, primes, congruencies, quadratic reciprocity, Diophantine equations and simple continued fractions are examined in this course.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of 'C' or higher

MTH 3315 Abstract Algebra 3,0

Topics in this course include the basic concepts of groups, rings, integral domains, fields, isomorphisms, and group homomorphism.

Course Rotation:

Course Fee: None

Pre-Requisites: : MTH 2305 and MTH 3311

MTH 3316 Geometry 3,0

The extension of geometry concepts including the study of tessellations, transformations, isometrics, topology, and non-Euclidean geometries.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of 'C' or higher

MTH 3317 Ordinary Differential Equations 3,0

Solutions to ordinary differential equations and initial value problems, their existence and uniqueness are addressed with an emphasis on solution methods including the Laplace transform. Equations studied include first-order separable, linear, and exact equations; higher-order linear equations; and systems of linear equations. Also included is an introduction to series solutions, numerical solutions, and stability in nonlinear systems.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2402 with a grade of 'C' or Higher

MTH 3325 Real Analysis 3,0

Construction of the real numbers and rigorous study of their properties, including topological considerations, limits of sequences, continuity and differentiation of functions, the Riemann and Lebesgue integrals, and the topologies of function spaces.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 3410 and MTH 2305

MTH 3330 Mathematical Modeling 3,0

This course is designed to provide students with an introduction to the entire mathematical modeling process. Students will be involved in creative and empirical model construction, in model analysis, and in model research.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2401 with a grade of 'C' or higher

MTH 3341 Theory of Probability 3,0

This course is an introduction to probability at the undergraduate level. Topics include probability spaces, random variables, basic discrete and continuous probability distributions, and conditional probability. Additional topics may include an introduction to multivariate distributions, generating functions, and statement of basic limit theorems of probability.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2402 with a grade of 'C' or higher

MTH 3410 Calculus III 4,0

This course includes multivariable calculus topics such as vectors, 3-D geometry, and vector-valued functions. Differential and integral calculus of functions of several variables, vector fields and theorems including Fundamental Theorem for Line Integrals, Green's Theorems, Divergence Theorem, and Stokes's Theorem are also examined. Applications to optimization and modeling of motion are incorporated into the course.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2402 with a grade of 'C' higher

MTH 3412 Advanced Calculus for Applications 4,0

Topics for this course include infinite series, ordinary differential equations, partial differential equations, and Fourier series.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2402 with a grade of 'C' higher

MTH 4101 Advanced Problem Solving 1,0

General problem solving strategies and specific problem solving techniques will be used in solving advanced problems in undergraduate mathematics. Classical problems as well as contemporary problems will be studied at the discretion of the instructor and the interests of the students.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 3410, 3311, and 3317 with a grade of 'C' or higher

MTH 4310 Cryptology 3,0

Applications of abstract algebraic and number theoretic concepts to the science of secure cryptography. Topics include historical ciphers, public-key cryptography, signed messages, secure protocols, and cryptanalysis, especially as these deal with electronic communications.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 3313 or MTH 3315 and CSC 1401

MTH 4317 Partial Differential Equations

This course introduces the students to the three basic boundary value problems. It covers both the classic Fourier series method for solving the problems, as well as the more modern and flexible finite element method.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 3317 with a grade of 'C' or higher

MTH 4330 Complex Analysis

This course is an introduction to analytic and harmonic functions and complex analysis

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 3410 with a grade of 'C' or higher

MTH 4340 Topology

This course is an introduction to the central concepts of topology: open and closed sets, continuity, compactness, and separation.

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2305 with a grade of 'C' or higher.

MTH 4390 Math Internship

Students will participate in an on-the-job mathematics work experience under the direct supervision of professionals in a corporation or government agency.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Junior or Senior mathematics major and approval of the head of the mathematics department

MINISTRY

MIN 1101 Ministry Preparation 1,0

A Pass/No Pass course required every term for pre-seminary students providing experience and training in personal development, reflecting and spiritual growth, relationship building, Bible study, ministry field experience, career options and related topics.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

MULTIDISCIPLINARY

MDS 4201 Multidisciplinary Degree Capstone 2,0

Through a variety of reading selections, students will explore the meaning of vocation. Students will also prepare a resume, cover letter, and portfolio materials. In addition, students will learn about career opportunities in the disciplines that they have studied and practice skills necessary for securing job offers.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Six (6) credit hours of history

MUSIC

Applied Music Lessons – Initial Level

1 credit (MUS X1XX) = 1 thirty-minute lesson each week

2 credits (MUS X2XX) = 1 sixty-minute lesson each week

Other requirements for credit include:

- periodic group classes that students are required to attend throughout the semester
- attendance at musical performances
- written reports

Course Rotation: Every Semester

Course Fee: \$100 per credit hour

Pre-Requisites: None

MUS 1110 Piano-Keyboard 1,0

MUS 1111 Guitar 1,0

Only Guitar lessons are available in a private or group setting. Lessons meet once a week where students learn the basic fundamentals of guitar in small groups.

MUS 1112 Organ-Keyboard 1,0

MUS 1115 Woodwind Lessons 1,0

MUS 1116 Brass Lessons 1,0

MUS 1117 Percussion Lessons 1,0

MUS 1118 Strings

MUS 1119 Voice Lessons 1,0

MUS 1210 Piano-Keyboard 2,0

MUS 1211 Guitar 2,0

MUS 1212 Organ-Keyboard 2,0

MUS 1215 Woodwind Lessons 2,0

MUS 1216 Brass Lessons 2,0

MUS 1217 Percussion Lessons 2,0

MUS 1219 Voice Lessons 2,0

MUS 1218 Strings 2, 0

Applied Music Lessons – Advanced Level

Advanced students may pursue upper-level lessons. These advanced students have already had significant instruction at the initial level. Students may either register for half-hour (31XX) or one-hour (32XX) lessons.

Other requirements for credit include:

- periodic group classes that students are required to attend throughout the semester
- attendance at musical performances
- written reports

Course Rotation: Every Semester

Course Fee: \$100 per credit hour

Pre-Requisites: Consent of instructor after successful completion of an upper-level jury.

MUS 3110 Piano-Keyboard 1,0

MUS 3111 Guitar 1,0

MUS 3112 Organ-Keyboard 1,0

MUS 3115 Woodwind Lessons 1,0

MUS 3116 Brass Lessons 1,0

MUS 3117 Percussion Lessons 1,0

MUS 3119 Voice Lessons 1,0

MUS 3118 String Lessons 1, 0

MUS 3210 Piano-Keyboards 2,0

MUS 3211 Guitar 2,0

MUS 3212 Organ-Keyboards 2,0

MUS 3215 Woodwind Lessons 2,0

MUS 3216 Brass Lessons 2,0

MUS 3217 Percussion Lessons 2,0

MUS 3219 Voice Lessons 2,0

MUS 3218 String Lessons 2, 0

MUS 1124 University Choir 0,3

The primary vocal ensemble of Concordia University Texas. Concerts include a range of historic and modern repertoire in a variety of styles. Membership determined by audition. Suggested concurrent enrollment in voice lessons.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

MUS 1128 Instrumental Ensembles 0,3

Students may participate in the Concordia Symphonic Winds (for winds, brass, string and percussion players) or Living Praise (travelling worship band), both by audition. Suggested concurrent enrollment in instrumental music lessons.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

MUS 1129 Vocal Ensembles 0, 2

Small vocal ensemble performing music from the standard chamber vocal literature. Membership is by audition only. May be repeated for credit.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: Enrollment in private voice lessons and MUS 1124 University Choir required, or consent of instructor

MUS 1131 Concordia Jazz Collective 0,3

Open to all students with ability to perform on a standard jazz/band instrument with regular performances. May be repeated for credit.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

MUS 1332 Music Fundamentals 3,0

Students learn basic concepts of notation, rhythm, melody, harmony and form through performance, composing, and listening.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

MUS 1333C American Popular Music 3,0

Survey course of popular music in American culture from inception to present day. Styles for listening and study include: blues, jazz, rhythm and blues, rock and roll, country, punk, reggae, disco.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

MUS 2115 Woodwind Methods 1,0

An introduction to the study of woodwind instruments: flute, clarinet, saxophone and oboe. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.

Course Rotation: Every Fall Odd Years

Course Fee: None

Pre-Requisites: MUS 2334 or consent of instructor

MUS 2120 String Methods 1,0

An introduction to the study of string instruments: violin, viola, cello and double bass. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.

Course Rotation: Every Spring Even Years

Course Fee: None

Pre-Requisites: MUS 2334 or consent of instructor

MUS 2125 Percussion Methods 1,0

An introduction to the study of percussion instruments: snare drum, bells, xylophone, bass drum, cymbals, drum set, and auxiliary percussion. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.

Course Rotation: Every Fall Even Years

Course Fee: None

Pre-Requisites: MUS 2334 or consent of instructor

MUS 2130 Brass Methods 1,0

An introduction to the study of brass instruments: trumpet, French horn, trombone, euphonium, and tuba. The fundamentals of playing each instrument will be emphasized and the student will learn effective teaching techniques for practical application in a teaching environment.

Course Rotation: Every Spring Odd Years

Course Fee: None

Pre-Requisites: MUS 2334 or consent of instructor

MUS 2118 Aural Skills I 1,0

Building sight singing skill, aural awareness, and the ability to identify errors in rhythms and melodies..

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: Students must be concurrently enrolled in MUS 2334 Music Theory I

MUS 2119 Aural Skills II 1,2

Continuation of MUS 2118. Expansion of sight singing skill, aural awareness, including two-part melodic dictation and ability to recognize chords in harmonic progressions in major and minor modes.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: Students must be concurrently enrolled in MUS 2335 Music Theory II.

MUS 2160 Composition Lessons

The study and application of the musical techniques necessary to compose music from small to larger complex forms in a variety of styles

Course Rotation: Every Fall & Spring

Course Fee: None.

Pre-Requisites: MUS 2334

MUS 2210 Diction for Singers I 2,0

Provides students the tools to correctly sing in English, liturgical Latin, French, and German. Students will be introduced to the International Phonetic Alphabet (IPA) as a tool for translating musical texts. Learning will be guided by three types of assignments: written (IPA text translations), oral (speaking and reading musical texts) and applied (performances of selected repertoire in each of the languages being studied.)

Course Rotation: Spring Even Years

Course Fee: None

Pre-Requisites: None

MUS 2214 Basic Conducting Techniques 2,0

The study of beginning conducting technique, including the physical and technical skills of conducting, beginning score preparation, and aural skills necessary to conduct ensembles.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: MUS 2334

MUS 2234 Music Technology 2,0

Techniques and resources for music notation, production and synthesis. Beginning with the understanding of the applicable models, students move to an understanding of current industry-standard practices and their best fit within a musical program.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: MUS 2334 or consent of the instructor

MUS 2250 Communication through Music and Art of World Culture 2,0

The class will give an introduction to world culture through the aspects of music and art. The meanings, social functions, aesthetic ideals, and behaviors associated with music and art vary greatly across the world's cultures. This class will expose students to music and art from Africa, Asia, Europe and the Americas. The influences of art and music to a culture's philosophies will be examined. Images, instruments, folk songs, traditional songs, painting, sculptures, icons, expression of art and popular music will be explored.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

MUS 2260 Composition Lessons

The study and application of the musical techniques necessary to compose music from small to larger complex forms in a variety of styles.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: MUS 2334

MUS 2334 Music Theory I 3,0

Principles of harmony: triads, part writing, non-harmonic tones, harmonization, seventh chords, secondary dominants and modulation taught through analysis and composition. Introduction to counterpoint through species counterpoint. Melodic analysis.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: MUS 1332, Theory Entrance Exam or consent of the instructor

MUS 2335 Music Theory II 3,0

Continuation of MUS 2334, including additional harmonic structures and chords and binary and ternary forms.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: MUS 2334

MUS 2340 History of Jazz 3,0

A survey of jazz history from its origins to present day.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

MUS 2350 Intro to World Music and Culture 3,0

Examination of a variety of musical traditions from around the world. Course will be taught from an ethnomusicological perspective, focusing on music as an extension of artistic, cultural, economic, social, political and religious contexts.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

MUS 3120 Aural Skills III 1,2

The third in a sequence of four Aural Skills classes - each one building upon the foundation of the previous classes. Students will continue to develop and increase aural comprehension and continue to develop their ability to sing with preparation and at sight constructions that are frequently found throughout their experiences in music. This course will cover more advanced musical forms such as Fugue, Invention, and Sonata Form; advanced chromatic melodies; 4-part chorale dictation and chromatic, borrowed and Neapolitan chords.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: MUS 2119

MUS 3230 Resources for Modern Worship 2,0

This course examines contemporary expressions of worship, and prepares musicians to lead congregations into these forms of worship expression. Cross-listed as REDU 3230.

Course Rotation: Every Fall Even Year

Course Fee: None

Pre-Requisites: None

MUS 3270 Performance Practice and Literature

An upper-level music course combining general period performance practices from medieval through modern music, specific instrumental and vocal practices of certain historical periods, and guided research into standard practice and literature for each student's chosen primary instrument. This course applies the fundamentals taught in applied music instruction and the music history sequence of classes. Students will apply these practices together in solo and ensemble settings.

Course Rotation: Every Fall Even Years

Course Fee: None

Pre-Requisites: MUS 2335

MUS 3331 Music Pedagogy

The purpose of this course is to provide future music educators with pedagogical techniques, methods, and literature of the most influential music educators of the 18th, 19th and 20th centuries. Students will study the methods and philosophies of Zoltan Kodaly, Karl Orff, Jaques Emile Dalcroze, and Shinichi Suzuki and learn how they shaped the world of music education through their innovative philosophies and methods in singing, rhythm, movement, improvisation, aural skills and composition.

Course Rotation: Every Spring Odd Years

Course Fee: None

Pre-Requisites: MUS 2335

MUS 3223 Advanced Conducting Techniques 2,0

A continuation of MUS 2214, studying advanced conducting techniques, especially asymmetrical and mixed meter, recitative, large scores, and continuing study of conducting technique and score preparation.

Course Rotation: Every Spring Even Years *Course Fee: None*

Pre-Requisites: MUS 2214

MUS 3332 Orchestration 3,0

Examining tonal resources of instrumental and vocal media; arranging and transcribing for a variety of styles and ensembles.

Course Rotation: Every Spring Even Years *Course Fee: None*

Pre-Requisites: MUS 2335

MUS 3233 Piano Pedagogy

A one-semester survey course that acquaints students with the fundamentals of piano teaching. Students will examine of the process of learning music and how it applies to the elementary - intermediate piano student. Students will explore current piano methods and materials for piano teaching and their practical applications; current issues related to independent studio management, lesson planning and other issues related to the teaching profession. Observation and directed teaching at local music studios in both private and group lesson settings. This is a course for music majors or minors with any of the music specializations. Fulfills Experiential Learning requirement.

Course Rotation: Spring Odd Numbered *Course Fee: None*

Pre-Requisites: MUS 2335 and MUS 331

MUS 3336 Music Theory III 3,0

Continuation of MUS 2335, including analysis and composition of various forms, including invention, fugue, and sonata. Harmonic content includes extended chords and harmonic practice of the Romantic period.

Course Rotation: Every Fall *Course Fee: None*

Pre-Requisites: MUS 2335

MUS 3337 Music Theory IV 3,0

Continuation of MUS 3336 and includes the study of harmonic practices from the Post-Romantic, Impressionistic, and Twentieth Century periods of music history and the use of extended and new harmonic practices.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: MUS 3336

MUS 3342 History of Music I 3,0

Music, composers and instruments of ancient, Medieval, Renaissance and Baroque eras.

Course Rotation: Every Fall Odd Years *Course Fee: None*

Pre-Requisites: MUS 2335

MUS 3344 History of Music II) 3,0

Music, composers and instruments of late Baroque, Classical, Romantic, and moderneras.

Course Rotation: Spring Even Years *Course Fee: None*

Pre-Requisites: MUS 2335

MUS 3356 Choral Methods 3,0

Administering the adult choral program; conducting technique development; choral literature analysis and selection; service and program planning.

Course Rotation: Every Fall Even Years *Course Fee: None*
Pre-Requisites: MUS 2335 and MUS 3223

MUS 3362 Worship and Music 3,0

History, content, and meaning of Christian worship forms and hymns. Principles of constructing worship forms.

Course Rotation: Every Spring Odd Years *Course Fee: None*
Pre-Requisites: MUS 2335 or consent of instructor

MUS 4105 Senior Recital 1,0

One-hour public musical recital displaying student's ability to perform solo music in a variety of genre and historical styles. Must also register for two credits of private music instruction on corresponding musical instrument.

Course Rotation: Every Fall & Spring *Course Fee: None*
Pre-Requisites: Consent of instructor

MUS 4110 Worship Internship 1,0

A review of the principles for administering and managing a parish worship program and application of these principles in a supervised parish experience. Music majors will generally pursue this internship in the last year of attendance. Fulfills Experiential Learning requirement.

Course Rotation: As Needed *Course Fee: None*
Pre-Requisites: None

MUS 3121 Aural Skills IV 1,0

The final class in a sequence of four Aural Skills classes - each one building upon the foundation of the previous classes. Students will be able to recognize and aurally analyze Twentieth Century Music Techniques; be able to sight-sing with accuracy of pitch more advanced prepared and unprepared heavily chromatic, whole tone, 12-tone and modal melodies; be able to hear, rhythm read and notate atonal music, mixed meter dictation, mirror rhythms, augmentation, diminution; play modes, whole tone, twelve tone scales on the piano; be able to recognize twentieth century writing techniques in the music of Debussy, Bartok, Messian and Stravinsky.

Course Rotation: Every Spring *Course Fee: None*
Pre-Requisites: MUS 3120

MUS 4212 Music in the church 2,0

Skills required of a church musician, studying liturgies and organizational practices of the Lutheran Church - Missouri Synod. This course is required for those seeking a Director of Parish Music (DPM) certification.

Course Rotation: Every Spring Even Years *Course Fee: None*
Pre-Requisites: MUS 1112 and consent of instructor

PHILOSOPHY

PHL 3301 Survey of Western Philosophy 3,0

Issues and problems of philosophy including the nature of reality, knowledge, and value. Selected study of major philosophers in the Western tradition.

Course Rotation: *Course Fee: None*
Pre-Requisites: None

PHL 3302 Ethics in the Christian Tradition

A study of ethical behavior and norms as developed in the Christian Tradition. Attention is given to philosophical ethical theories, Christian ethical theories, and contemporary personal and moral issues as they related to those theories.

Course Rotation:

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311

PHYSICS

PHY 1401 Physics I 3,2

Basic concepts of kinematics, dynamics, Newtonian physics, sound, and thermodynamics through lectures, laboratory experiences, and problem solving.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: MTH 1351 with a grade of C or higher, or math placement at a higher level

PHY 1402 Physics II 3,2

Basic concepts of electromagnetism, and electromagnetic radiation including optics through lectures, laboratory experiences, and problem solving.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: PHY 1401 or equivalent with a grade of C or higher.

PHY 1441 Conceptual Physics 3,2

An introductory investigation of the fundamental concepts of physics. Topics include: Linear Motion, Force, Momentum, Energy, Rotational Motion, Gravity, Projectile and Satellite Motion, Solids, Liquids, and Gases. This course has a required laboratory component.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: MTH 1351 with a grade of C or higher

PHY 4301 Topics in Modern Physics 3,0

Special relativity, statistical mechanics, the photoelectric effect and quantum physics, and nuclear physics and radioactivity.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: PHY 1402 with a grade of C or higher

NURSING

NUR 3220 Adult Health I Simulation

This course allows the application of the knowledge, principles, concepts, and attitudes necessary to perform a health assessment and provide basic care for persons experiencing low to moderate acuity health problems. The course focuses on the ability of the student to accurately and safely perform the skills in accordance with current practice.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to Nursing Program. Must be taken concurrently NUR 3535 and NUR 3536

NUR 3430 Foundations of Professional Nursing

Introduction to the philosophy and theory of nursing; the nursing process; critical thinking and clinical judgment; and patient assessment. Develops the foundation for providing direct patient care through skills in assessment, vital signs, activities of daily living, providing for patient safety and related technical nursing skills needed to meet patient needs

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to Nursing Program

NUR 3250 Pharmacology for Nurses I

Evidence based practice is used to introduce the pharmacotherapeutic concepts used to improve patient care for adults with low to moderate-acuity health problems. Emphasis is placed on principles of medication safety and major drug classifications.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to Nursing Program

NUR 3251 Pharmacology for Nurses II

Major classifications of drugs; pharmacology and toxicology activity; clinical applications. Role of nurse in assessment, intervention, and patient education

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3220, NUR 3535, NUR 3536, NUR 3430 and NUR 3250

NUR 3265 Adult Health II Simulation

Application of advanced skills required to care for persons experiencing complex health problems. The course focuses on accuracy and safety of skill demonstration.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3220, NUR 3535, NUR 3536, NUR 3430 and NUR 3250 Must be taken concurrently NUR 3586 and NUR 3585

NUR 3303 Cultural Diversity and Global Health Missions

This course emphasizes the Christian world view through serving in national and international health missions. The Biblical foundation for global missions will be explored. Tools to effectively participate in mission activities for underserved and/or vulnerable populations will be presented. Students will examine various cultures and religions for effective planning and delivery of health care services within a cultural context. The focus will be on capacity building and sustainability of mission outreach goals to selected populations.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3220, NUR 3535, NUR 3536, NUR 3430 and NUR 3250

NUR 3535 Adult Health I Theory

This course teaches the knowledge, skills, and attitudes necessary in the provision of nursing care for adults experiencing low to moderate-acuity health problems. Fulfills the Wellness requirement of the Concordia Common Experience curriculum.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to Nursing Program. Must be taken concurrently with NUR 3536 and NUR 3220.

NUR 3536 Adult Health I Practicum

A practicum in the clinical application of knowledge, skills, and attitudes necessary to provide safe, high-quality patient-centered care for adults experiencing low- to moderate-acuity medical-surgical health problems. Fulfills the Experiential Learning requirement of the Concordia Common Experience curriculum.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to Nursing Program. Must be taken concurrently with NUR 3536 and NUR 3220.

NUR 3585 Adult Health II Theory

This course teaches the knowledge, skills, and attitudes necessary in the provision of patient-centered nursing care for adults with complex health problems. Emphasis is placed on application of the nursing

process and critical thinking utilizing research-based nursing practice in the context of patient centered care for health restoration, health promotion and health maintenance. Fulfill the Technology requirement of the Concordia Common Experience curriculum.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3536, NUR 3430, NUR 3250 NUR 3220 and NUR 3535 Must be taken concurrently NUR 3586 and NUR 3265.

NUR 3586 Adult Health II Practicum

This course is a practicum in the clinical application of knowledge, skills, and attitudes necessary to provide safe, high-quality patient-centered care for adults experiencing low- to moderate-acuity medical-surgical health problems. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3220, NUR 3535, NUR 3536, NUR 3430 & NUR 3250. Must be taken concurrently with NUR 3485 and NUR

NUR 4105 Maternal/Newborn Simulation

This simulation course teaches the skills and critical thinking required to care for women during the perinatal period and neonates in the first 24 hours of life. The course focuses on the performance of skills and decision making in simulated patient scenarios.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3255, NUR 3265, NUR 3275, NUR 3303, NUR 3334, NUR 3585, and NUR 3386. Must be taken concurrently with NUR 4220, NUR 4221.

NUR 4110 Child and Family Nursing Simulation

This simulation course teaches the skills and critical thinking required to care for children and adolescents in the acute care setting. The course focuses on the performance of skills and decision making in simulated patient scenarios.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4230, NUR 4231.

NUR 4295 NCLEX Preparation and Review

A complete review of key nursing content with separate, comprehensive units on medical-surgical, child health, childbearing and women's health, and mental health/psychiatric nursing, followed by test questions written in NCLEX exam format.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

NUR 4310 Nursing Research

This course provides an introduction to nursing research and research utilization through evidence-based practice in the clinical practice of nursing. Students will use critical thinking to apply research directly to patient care while learning to formulate clinical questions, search for and identify best evidence, and appraise that evidence for rigor and applicability to clinical problems. Basic principles of scientific inquiry, quantitative and qualitative research methods and research ethics are introduced in the context of clinically relevant research and translated to evidence-based practice.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241.

NUR 4320 Maternal/Newborn Theory

Teaches the knowledge, skills, and attitudes necessary for the provision of competent, culturally sensitive, developmentally appropriate, holistic care for the childbearing family. The course presents the knowledge base for nursing care. This course also uses classroom simulation scenarios in which students practice the skills they will later apply in the companion practicum course.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4105, NUR 4221.

NUR 4221 Maternal/Newborn Practicum

A practicum in the clinical application of knowledge, skills, and attitudes necessary to provide competent, culturally sensitive, developmentally appropriate, holistic care for the childbearing family. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4105, NUR 4320.

NUR 4301 Foundations of Baccalaureate Nursing Practice

Focuses on the application of concepts related to philosophy, nursing theory, legal-ethical mandates to nursing practice as well as the legal-ethical concepts and application. This course includes content related to nursing in the current healthcare environment and advancing the profession.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: RN license in Texas or a compact state and admission to the RN to BSN on-line program

NUR 4330 Child and Family Nursing Theory

This course develops the student's ability to provide family-centered nursing care to children, adolescents, and their families and to participate in strategies to improve the safety and quality of care. This competence will enhance the student's ability to promote high-quality, safe, family-centered nursing care to children, adolescents, and their families within healthcare settings.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4110 and NUR 4231

NUR 4231 Child and Family Nursing Practicum

A practicum in the clinical application of knowledge, skills, and attitudes necessary in the provision of family-centered nursing care of children, adolescents and their families. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4110 and NUR 4330.

NUR 4301 Healthcare System Leadership

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

NUR 4340 Behavioral Health Theory

Behavioral health concepts related to mental illness prevention, health maintenance and healing applied to individuals of all ages and families. Overview of the continuum of mental wellbeing and acute and chronic psychiatric/behavioral illness and treatment modalities. Cultural and social influences and perceptions related to mental illness. Application of the nursing process and therapeutic communication to behavioral health including preventive and therapeutic measures for behavioral health illnesses.

Analysis of professional roles involved in behavioral and psychiatric services.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with NUR 4241

NUR 4241 Behavioral Health Practicum

A practicum in the clinical application of knowledge, skills, and attitudes necessary in the provision of care for clients with mental health disorders. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 3303, NUR 3251, NUR 3265, NUR 3585, and NUR 3586. Must be taken concurrently with iNUR 4340

NUR 4260 Community and Global Health Practicum

A practicum in the clinical application of knowledge, skills, and attitudes necessary to provide community health services. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241. Must be taken concurrently with NUR 4360.

NUR 4370 Capstone Simulation and Practicum

Provides a foundation for critical thinking and decision making in leadership, supervision, delegation, and management of nursing care and healthcare delivery in organizational and community settings. Leadership strategies that promote effective, mutually respectful, ethical working relationships in organizational and community settings are emphasized.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241. Must be taken concurrently with NUR 4284

NUR 4284 Adult Health III Theory

This course builds upon knowledge, skills, and attitudes necessary to provide patient-centered nursing care for adults with multi system failure. Emphasis is on application of the nursing process and clinical reasoning using evidence-based nursing practice in the context of patient-centered care for health restoration, promotion, and maintenance.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241. Must be taken concurrently with NUR 4370

NUR 4311 Healthcare Systems Leadership

Focuses on evidence-based Christian leadership and management skills, including the competencies needed by professional nurses to work in inter-professional teams to transform complex healthcare systems. Students will analyze current best practices related to leadership roles, organizational dynamics, quality improvement, and safety in healthcare systems.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: RN license in Texas or a compact state

NUR 4355 Healthcare Systems Transformation & Leadership

This course teaches the knowledge, skills, and attitudes necessary to develop the student's critical thinking, organizational analysis, and leadership skills in analyzing healthcare structures, processes, and outcomes. The course examines healthcare system policy, finance, and regulation and then examines transformation of healthcare at system and unit levels to improve the quality and safety of patient care.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241.

NUR 4360 Community and Global Health Theory

This course introduces the concept of community and global populations as the client and teaches the knowledge, skills and attitudes necessary to provide Population-Centered Nursing care. The focus will be on community assessment, concepts of health promotion, disease prevention and management of complex issues in the provision of care for culturally diverse populations within the community and international arena. Contemporary issues in community and global health will be examined including disaster response.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: C or better in NUR 4105, NUR 4110, NUR 4320, NUR 4221, NUR 4330, NUR 4231, NUR 4340, and NUR 4241. Must be taken concurrently with NUR 4260

NUR 4372 BSN Practicum

Students apply the comprehensive knowledge, skills, and attitudes gained from all previous courses and work experience to complex patient situations. Students are supervised and evaluated by faculty and preceptors. This experience is designed to provide critical thinking and decision making in leadership, supervision, delegation, management of nursing care and healthcare delivery in organizational and community settings.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: RN license in Texas or a compact state

NUR 4515 Community Health Theory and Practicum

Addresses the application of epidemiology to promote community preventative programs while integrating nursing and related sciences to improve the delivery of healthcare to diverse populations. Students learn how individual, local, state, federal and international health policy issues impact the public. Both three hours weekly didactic learning and applied practicum of six hours weekly provide the basis for study.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to the RN to BSN program NUR 5315

NUR 5311 Leading & Transforming Healthcare Systems

This course focuses on evidence-based Christian leadership and management skills including the competencies needed by professional nurses to be full partners and work productively in inter-professional teams to facilitate the transformation of complex healthcare systems. Students will analyze current best practices related to leadership roles, organizational communications, team dynamics in learning organizations, quality improvement, and safe patient-centered care related to leadership and information systems. Practical application of the course information occurs within the concurrent practicum experience.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to the MSN program

NUR 5514 Health Assessment and Promotion for Populations

This course addresses the application of epidemiology to promote community preventative programs while integrating nursing and related sciences to improve the delivery of healthcare to diverse populations. It helps students discern how individual, local, state, federal and international health policy issues impact the public. Both 3 hours weekly didactic learning and applied practicum of 6 hours weekly provide the basis for study.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to the MSN program

NUR 5313 Healthcare Project Management

This course provides a basic understanding of project management. Using a holistic approach, this course is designed to provide nurses with a basic understanding of the requirements for successful project management. All phases of the project management process, including: planning, scheduling, organizing and controlling projects, are emphasized. The course includes major topics of strategy, priorities, organization, project tools and leadership.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Admission to the MSN program

NUR 5320 Applied Research

This course focuses on the practical application of statistical data analysis in nursing research and health care outcomes. Students engage in conceptualization and translation of evidence available in their specialty areas as a foundation for decision making and the implementation of interventions or as strategies to improve patient outcomes. Practical application of the course information occurs within the concurrent practicum experience.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level I program coursework

NUR 5321 Theoretical Bases of Nursing Research and Practice

This course explores the interface of theory, research and clinical practice. Middle range theories from nursing and other disciplines are examined for their potential use as a foundation for research and clinical practice in advanced nursing. Research methodology is explored in relation to theory and hypothesis formation. The focus is on utilization and synthesis of research findings to address specific nursing practice questions or problems formulated by students related to selected specialty area.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level I program coursework

NUR 5350 Practicum I

This course focuses on the application of healthcare project management techniques in leadership, information technology and education. Emphasis is placed on fostering an organizational culture valuing research, evidence-based practice and an infrastructure supportive of the adoption of innovation through the use of evidence to produce improved outcomes. This course is the beginning of the mentorships in a concentration area of nursing (informatics, leadership, education). Prerequisite: Completion of Level I program coursework.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level I program coursework

NUR 5150 Advanced Pathophysiology

This course will expand on undergraduate skills in pathophysiology. The student will learn advanced current concepts and theories related to pathological and physiological responses. Required for education track only AND for students exiting the program with BSN.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level I program coursework

NUR 5330 Informatics and Healthcare Technology

This course examines the effects of technology on patient care. Students develop the knowledge and skills to use current technologies to deliver and coordinate care across multiple settings, analyze point of care outcomes, and communicate with individuals and groups, including the MEDIA, policymakers, other

healthcare professionals, and the public. Integral to these skills is an attitude of openness to innovation and continual learning, as information systems and care technologies are constantly changing, including their use of communication, data and health information.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level II program coursework

NUR 5331 Leadership for Change

This course assists the student to differentiate the concepts of contemporary trends in leadership, management, accreditation, negotiation, workplace advocacy, self-development, and inter-and intra-disciplinary communication necessary to influence behaviors. Emphasis will be placed on organizational system's structures and cultures which impact institutional management, human resource management, and performance improvement in healthcare delivery systems.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level II program coursework

NUR 5360 Practicum II

This course focuses on applying project management techniques to informatics, education and leadership in nursing. Leadership, adoption of innovation, quality improvement and change theories are applied to an identified issue fostering an organizational culture valuing evidence-based practice. An infrastructure supportive of the adoption of innovation based on evidence for improved outcomes is stressed.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level II program coursework

NUR 5160 Advanced Pharmacology

This course will expand on undergraduate skill in pharmacology. The student will learn advanced pharmacokinetic principles of pharmacologic agents. Required for education track only.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level II program coursework

NUR 5340 Curriculum Development and Implementation

This course focuses on the use of evidence-based educational practices to develop curriculums, design lesson content, implement teaching activities and evaluate teaching outcomes for individuals or groups in a variety of settings.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level III program coursework

NUR 5341 Health Care Policy and Ethics

This course focuses on the policies that shape healthcare systems, influence social determinants of health, and therefore determine accessibility, accountability, and affordability of health care. Health policies that create conditions that promote or impede equity to access care and health outcomes will be explored as well as the linkages among policy, financing, and access to quality health care. Emphasis is placed on the impact of healthcare policies on the legal and regulatory processes on nursing practice, healthcare delivery and health outcomes.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level III program coursework

NUR 5370 Practicum III

This course focuses on the use of healthcare project management techniques to identify and evaluate new knowledge from the project improvement process applied to a concentration area (informatics, leadership, education). In this final practicum, students will synthesize information gained from project

implementation and lead collaborative inter-professional care teams to achieve evidence-based outcomes and to educate individuals or groups about project outcomes. During the final week of this practicum, students will present their completed portfolio and graduate project on campus to interested panels of faculty and nurses.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level III program coursework

NUR 5170 Advanced Assessment

This course will expand on basic assessment skills. The student will learn application of advanced health assessment skills. Required for education track only.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: Completion of level III program coursework

POLITICAL SCIENCE

POLS 1102 Texas Government Workshop for Educators 1,0

Provides a brief overview of Texas government and political history for education majors needing to pass the TExES teacher certification exam.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: None

POLS 1303 - American Government & Citizenship 3,0

This course encourages students to think about their government with insightful analysis while affirming fundamental concepts. The class will cover the following issues: the U.S. and Texas Constitutions, federalism, civil rights, civil liberties, public policy, media literacy, and political institutions. Meets TEA requirement for teacher certification in Texas.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None

POLS 2216- Political Science Mock Practicum 1,1

Provides students with an opportunity to experience mock governance in a competitive environment. Students will select a mock governance program and fully engage in the required level of preparation and participation. Acceptable mock governance programs include, but are not limited to the following: Model United Nations, moot court, competitive mediation, Model Organization of American States (MOAS), or mock trial competition. Political Science students can only count this course for credit three times and only once in a semester. (May be repeated.) Fulfills one hour of Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: None

POLS 2X10- Government Internship 0,1-6

Government Internship: Provides students with an opportunity to experience the working environment of a government agency, political campaign, legislature, Non-Government Organization (NGO), or law office. Internships for credit can only be counted towards the political science degree requirements a maximum of six credit hours and require the permission and supervision of the political science director of major. Each Credit hour is equivalent to 50 hours of supervised internship service. Can be repeated incrementally for a maximum of six credit hours. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: POLS 1303

POLS 2305 – Texas State & Local Government 3,0

This process oriented class will focus on state and local governments with an emphasis on Texas. Specifically, this class will utilize field experiences to provide insight into political processes and issue advocacy.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3321 – Public Policy 3,0

An introduction to the discipline of policy analysis. Explores who is responsible for making public policies, how choices are made, what kinds of tools are at the disposal of policy makers, and how their effectiveness can be enhanced. Also explores the various models of policy analysis. Theories and concepts illustrated by investigating current policy efforts in areas such as health, civil rights, poverty and welfare, education, defense and tax policy.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3322 – Introduction to Law 3,0

Provides a foundational examination of the law and American jurisprudence. Specifically, this course will examine the following areas of the law: torts, family law, property, criminal law, contracts, wills and estates, and legal research.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3323- Principles of Political Science 3,0

Provides a thorough examination of political science as a discipline. The course will focus on providing students the basic structures of general government processes and social science research. Specifically, students will focus on the Political Science sub-disciplines of political process, political theory, international politics, political economy, comparative politics, political culture, political socialization, law, public policy, public administration and political science research methodology.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3003- Readings in Political Science 0,1-3

Students will work with a faculty member to select a range of required reading materials pertaining a mutually agreed upon topic. Students will receive credit upon the complete reading of the selected materials, submission of a book review, and discussion of those readings with the supervising faculty member. This class can only be counted towards the political science degree once. (May not be repeated.)

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3301- Environmental Policy 3,0

Provides an in-depth examination of the politics surrounding conservation and environmentalism. While the specific topics and concepts for this class will evolve, the class will focus on issues pertaining to global warming, land and resource management, land and resource conservation, sustainable agriculture, population, sustainable development, and global and national environmental regulations.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3302- American Constitutional Law 3,0

Provides an in-depth examination of the United States Constitution and the decisions of the U.S. Supreme Court. Specifically, this course will examine Constitutional interpretation and how it has

shaped American political culture. This course will focus heavily on the historical, political, and analytical aspects associated with stare decisis, jurisprudence, and judicial interpretation in the United States.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3304- Special Topics in Political Science 3,0

Various course concepts and themes will be offered in the area of political science and social justice. (May be repeated for credit when topics vary.)

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3332- American Political Institutions & Processes 3,0

Provides a thorough examination of American political institutions, processes and behavior. Specifically, this class will provide an in-depth analysis of the presidency, bureaucracy, Congress, the Supreme Court, state legislatures, elections, pressure groups, and political parties.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3333- International Relations & Comparative Politics 3,0

The focus of this course is the examination of the geopolitical realities of the modern world. Students will be introduced to a variety of global governance instruments as well as an appreciation of international diplomacy and legitimacy. Students will examine a variety of topics including the environment, global governance systems, nationalism, hard and soft power, globalization, immigration, poverty, human rights, and the effective use of diplomacy.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3334- Political Philosophies and Ideologies 3,0

Provides an in-depth examination of the philosophical, ideological, and theoretical foundations of modern politics. This course will focus on a variety of social and political thinkers including Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Machiavelli, Thomas Hobbes, Jean Jacques Rousseau, John Locke, Montesquieu, John Stuart Mill, Adam Smith, Karl Marx, Friedrich Nietzsche, Max Weber, and Ayn Rand.

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 3335 - Social Science Methods

This course focuses on the use of quantitative and qualitative research methodology that is most commonly utilized by social science practitioners. It will emphasize the use of techniques, and ethical constructs that are typically employed by those working in social science fields. Cross listed with CRIJ 3335

Course Rotation:

Course Fee: None

Pre-Requisites: MTH 2301

POLS 4136- Political Science Undergraduate Thesis 0,1

Students will work with a faculty member to select an original research topic. Students will propose, research, write and defend a publication-grade research paper. Students must complete the Political Science Leadership Capstone prior to enrolling in this particular course. (May be repeated.)

Course Rotation:

Course Fee: None

Pre-Requisites: Passage of, or concurrent enrollment in, POLS 1303

POLS 4335-Political Science Leadership Capstone 3,0

This course is intended for upper-level students who are nearing completion of their degree. For this particular course, students will be expected to demonstrate a high level of proficiency in basic fundamental Political Science concepts, understand and articulate research goals through a thesis proposal, learn about leadership from select community change agents, and apply their accumulated knowledge and skill set to solving a designated community problem.

Course Rotation:

Course Fee: None

Pre-Requisites: at least 12 Hrs. of political science courses beyond POLS 1303 as well as successful completion of SOC 2341 and SOC 2491.

PSYCHOLOGY

PSY 1311 Introduction to Psychology 3,0

Scientific study of human behavior with emphasis on basic psychological functions.

Course Rotation: Every Fall & Spring

Course Fee: None

Pre-Requisites: None.

PSY 2300 Careers and Vocation in Psychology

This course uses a comprehensive approach to considering careers in psychology through the Lutheran lens of vocation. Guided activities and projects will be used to assist in identifying students' needs, values, wants, interests, and abilities. Opportunities and resources will also be used to explore career paths related to psychology and to identify the skills and experiences required to be competitive in those industries.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 2301 Life-Span Development 3,0

Physical, cognitive, social, emotional and personality development of the individual from "womb to tomb," with the principal focus being on these developmental stages in childhood and adolescence within the context of the complete life span.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 2302 Human Sexuality & Gender

Social-psychological and developmental aspects of human sexuality. Examples of topics include: courtship, pregnancy and delivery, sexual health, and sex education.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 2303 Lutheran Ethos and Psychology

Exploration of the relationship between Lutheran ethos and Psychology. Topics will include vocation, servant leadership, and learning as a lifelong pursuit. Personal growth and fulfillment will be emphasized.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311 and REL 1301

PSY 2341 Statistics for the Behavioral Sciences 3,0

An introduction to the fundamentals of descriptive and inferential statistics, especially as they apply to the behavioral and social sciences. Cross-listed as SOC 2341.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311 or SOC 1301

PSY 2491 Research Methods and Scientific Writing in the Behavioral Sciences 3,3

Methods and approaches to research in the behavioral and social sciences. Cross-listed as SOC 2491.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY/SOC 2341

PSY 3302 Cognitive Psychology 3,0

A comprehensive overview of the many facets of cognitive psychology including information processing, the complexities of memory, language acquisition and functions, problem solving and decision making, and basic neurology. Also includes an overview of learning theories with a more in-depth look at the principal ones.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311

PSY 3303 Neuropsychology

Biological and cognitive aspects of neuropathological conditions, including relevant brain/behavior relationships. Introduction to neuropsychological assessment.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311

PSY 3304 Group Dynamics 3,0

Theory and practice in small group communication; goal setting, problem solving, listening, feedback, and leadership. As part of the course experience, students will plan an off-campus trip with additional costs to student. Cross-listed as COM 3304.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311

PSY 3305 Learning and Memory

Explores principles of conditioning and motivation; approaches to learning, including acquisition of verbal materials, concepts, and motor skills. Explores processes underlying information storage and retrieval, including different kinds of memory, forgetting, and conditions associated with memory impairment.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311

PSY 3306 Sensation & Perception

An introductory survey of the human senses and their role in perception, considering how we sense the physical environment and what factors influence our perception of it. Integrates theory, research, and application.

Course Rotation: *Course Fee: None*

Pre-Requisites: PSY 1311

PSY 3312 Psychology of the Criminal Offender 3,0

Exposes the student to the distressful, painful and often devastating effects of maladaptive behavior. The course will explore the interwoven biological, psychological and social antecedents and correlates of criminal behavior. Psychological issues and their relation to criminal and anti-social behavior will be studied. Personal and societal attitudes, feelings and values about criminal and anti-social behavior will be discussed extensively. Cross-listed as CRIJ 3312.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3315 History & Philosophy of Psychology 3,0

This course studies and examines the development of psychology from its early roots in philosophy and religion, through its empirical bases, to its direction in today's society. The aim is to discover what relationships, if any, there are between psychology and justice. This course may replace three hours of social/behavioral sciences, if at least one course is not already designated in the major.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3325 Interpersonal Relationships 3,0

Investigation into the communication and psychology of family dynamics, friendships, and romantic partners. One goal of this course will be to understand our own relationships and seek to improve them. In addition, students will examine relationship styles different from our own experiences in order to broaden our knowledge of relationship theories, practices, and cultural variations. Cross listed with COM 3325.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311 or permission of instructor

PSY 3330 Social Psychology 3,0

Examination of cultural and psychological influences in the development of individuals and societies. Cross-listed as SOC 3330.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311 and SOC 1301

PSY 3334 Exercise and Sports Psychology 3,0

This class covers the psychological aspects of movement activities that underline performance. It also covers the intrinsic and extrinsic factors that must be recognized in order to understand, motivate, and evaluate human movement. Cross listed with KIN 3334. Note: Does NOT count for core physical education requirements.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3331 Introduction to Counseling Skills 3,0

An introductory course designed to acquaint students with current counseling theories and to acquire a beginning skill in counseling.

Course Rotation:

Course Fee: None

Pre-Requisites: None

PSY 3332 Personality Theories 3,0

Applicability of major personality theories to understanding human behavior.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3335 Health Psychology

Investigation of how biological, psychological, and social factors relate to disease states, illness, and stress.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3341 Abnormal Psychology 3,0

Psychological abnormality, including anxiety, somatoform, obsessive-compulsive, and dissociative disorders; psychoses, mental retardation, brain dysfunction, sexual deviance, and other maladaptive behaviors.

Course Rotation:

Course Fee: None

Pre-Requisites: PSY 1311

PSY 3350 Biopsychology 3,0

An introduction to the structure and function of the nervous system and the relationship between psychological processes and the brain in humans and other animals. Cross-listed with BIO 3350.

Course Rotation:

Course Fee: None

Pre-Requisites:

PSY 3406 Animal Behavior (3,2)

An introduction to the study of animal behavior. Cross-listed as BIO 3406.

Course Rotation:

Course Fee: None

Pre-Requisites: Any 3 or 4 academic hour course which fulfills a portion of the Natural Science Core requirement with a grade of "C" or above.

PSY 4310 Behavioral Sciences Internship

Supervised on-the-job experience and involvement at one of Austin's agencies/companies. Interns will work with professional in the intern's field of specialization. A senior level course for Behavioral Science majors only. Graded Pass/Not Pass. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: Senior standing, 3.0 GPA, 2.5 cumulative GPA, 18 credit hours of lower level and 9 credit hours of upper level work in the major.

PSY 4360 Topics in Behavioral Sciences

A seminar-style examination, discussion, and analysis of specific issue, population, theoretical approach, or person(s) studied in the Behavioral Sciences. The focus of the seminar may be from a Psychological or Sociological perspective, or a combination of the two disciplines. Students may repeat this course when the topic changes. Cross listed with SOC 4360

Course Rotation:

Course Fee: None

Pre-Requisites: 6 hours of upper-level hours in the Behavioral Sciences or by consent of the instructor.

PUBLIC HEALTH

PUBH 3314 Essentials: Global Public Health

Examines the main functions of public health; disease prevention and health promotion. Students will learn the history and philosophy of public health, its core values and functions across the globe and in society. Students will examine the factors that impact health and how productivity is influenced by health outcomes since prevention is more cost effective than cure. Students will learn about working in both clinical care settings as well as institutions that promote population health. Case studies will be used. Cross-listed with BADM 3314.

Course Rotation:

Course Fee: None

Pre-Requisites: Recommended Sophomore level standing

PUBH 3315 Comparative Health Care System

Examines the healthcare delivery system of the United States, its fundamental characteristics and organization as well as differences in the healthcare systems of other countries. Students will learn about

the various agencies involved in health and access to healthcare will be reviewed. Students will have a better understanding of the composition of health workers in the United States and other countries. Innovative technologies and best practices will be studied. Cross-listed with BADM 3315.

Course Rotation:

Course Fee: None

Pre-Requisites: Recommended Sophomore level standing

PUBH 3323 Globalization, Trade, Health Policy

Examines the increasing interdependence of the world with greater connectivity affecting the speed of access to information. Key focus will be on the dimensions of globalization including trade in food, pharmaceutical products, tobacco as well as healthcare personnel and the shift in patterns of disease. Case studies will be used. Cross-listed with BADM 3323.

Course Rotation:

Course Fee: None

Pre-Requisites: Recommended Sophomore level standing

PUBH 3370 Health Communication

A fascinating study of communication in the field of health; focusing on the origins and theories of health communication, and exploration of the complexities inherent in both verbal and nonverbal communication, and health messaging. Additional focus will be on several contemporary areas within the field of health communication research and practice. Cross-listed as COM 3370.

Course Rotation:

Course Fee: None

Pre-Requisites: Recommended Sophomore level standing

PUBH 4319 Immigration, Violence, Disaster and Health

Issues that impact vulnerable populations in the United States and other countries including the socioeconomic, behavioral, biological, environmental and other factors that impact human health and contribute to health disparities. Immigration, the impact of violence, natural and man-made disasters, terrorism and the organizations that respond to these issues will be examined. Cross-listed with BADM 4319.

Course Rotation:

Course Fee: None

Pre-Requisites: Recommended Sophomore level standing

PUBH 4321 Public Health Organizations, Ethics & Law

Examines public health organizations that are local, national and international in focus, how they operate and the role they play in promoting health and preventing disease as well as those organizations not typically associated with health such as the United Nations, World Trade Organization, the Bill and Melinda Gates Foundation and Dell. Cross-listed with BADM 4321.

Course Rotation:

Course Fee: None

Pre-Requisites: None

PUBH 4302 Global Public Health Practicum

Students will be engaged in internships in organizations in the United States with a health focus (healthcare delivery or population health); or organizations that are regional or international in scope that promote global health. In the future opportunities for internships will be created for practical experiences working in other countries and in select international organizations (public and private). Fulfills experiential learning

Course Rotation:

Course Fee: None

Pre-Requisites: Course to be taken in the last year of program using Concordia's internship guidelines

PUBH 4398 Program Management & Health Evaluation (capstone)

Examines health programs and the use of evidence to support the practice of health. Using theories and case studies examined in the Healthcare concentration, students will complete a critical analysis of the

public health program of choice integrating lessons learned, best practices and the theories studied.
Cross-listed with BADM 4398.

Course Rotation:

Course Fee: None

Pre-Requisites: None

READING

RDG 3311 Foundations of Literacy 3,0

The course addresses the major components of evidence-based reading/language arts instruction. Emphasis is given to the five components of reading: phonological awareness, phonics, fluency, vocabulary, and comprehension and how to provide successful literacy instruction for students in culturally and academically diverse EC – 12 classroom. This course is required of all education students.

Course Rotation:

Course Fee: None

Pre-Requisites: None

RDG 3326 Emergent Literacy and Language in Primary Grades

This course focuses on developing literacy (speaking, listening, writing, and viewing) in primary grade elementary classrooms. Students will be expected to critically examine and reflect on ways in which teachers can provide the environment and experiences needed to promote literacy, development and learning of diverse children in inclusive classrooms.

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

RDG 3327 Literary and Language in the Intermediate Grades

This course focuses on appropriate methods of differentiating instruction for students in the intermediate grades. Students will be expected to critically examine and reflect on ways in which teachers can provide the continuation of literacy development for all students including theory and strategies to teach English language learners.

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

RDG 3342 Literacy in the Content Area 3,2

This course covers reading instruction techniques that allow students to comprehend and excel at reading in all subject areas. Included are study techniques, assessment, and strategies for all students including English language learners and students with special needs. The course also prepares students to personally master writing effectively and efficiently for a variety of audiences and purposes, and includes methods of teaching writing for elementary, middle, and secondary school levels. Field experience. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: Admission to the Teacher Education Program

RELIGION

REL 1301 New Testament History and Reading 3,0

The background, growth and content of the New Testament. Sources and chronology of the Apostolic Age and Primitive Jewish Christianity.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

REL 1311 History and Literature of the Old Testament 3,0

A literary-historical interpretation of the Old Testament, with special emphasis on its religious significance.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

REL 1331 Introduction to Christianity 3,0

An introduction to the historical background, sources, literature, and basic beliefs of the Christian tradition. Intended for students with little or no background in the knowledge and experience of the Christian faith. This course may not be taken by any student who has earned more than 3 credit hours in religion. (Students seeking certification by Concordia University Texas for professional work in The Lutheran Church-Missouri Synod must satisfy all religion credit requirements by means other than this course).

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: None

REL 2352 History and Philosophy of the Reformation 3,0

History, philosophy, theology, and literature of the Protestant Reformation.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311

REL 3302 Luke-Acts 3,0

Study of the two-volume work of Luke stressing the growth of the church.

Course Rotation: Fall Even Years

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311

REL 3303 Major Pauline Epistles 3,0

Examination of major Pauline Epistles. Emphasis on theological perspective these contributed to the Apostolic Church and Protestant Reformation.

Course Rotation: Fall Odd Years

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311.

REL 3305 Law, Justice and Grace in the Biblical Perspective 3,0

This course exposes students to the biblical concepts of law, justice, grace and the role of religion in modern American law. Students will read and discuss biblical passages dealing with the divine role of civil government, the law of God, civil disobedience, the death penalty, and the place of grace in a Christian's life. The course will also focus on freedom of religion and the proper roles of church and state.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311.

REL 3312 Wisdom Literature 3,0

A study of Israelite wisdom writings, especially the books of Job, Ecclesiastes and Proverbs, and the application of their themes to contemporary issues.

Course Rotation: Spring Even Years

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311.

REL 3313 Major Prophets: Isaiah 3,0

The interpretation of the prophecies of the Book of Isaiah with attention to historical events, literary style, and ancient and modern religious significance.

Course Rotation: Spring Odd Years

Course Fee: None

Pre-Requisites: REL 1301 and REL 1311.

REL 3333 Introduction to Christian Ethics 3,0

A study of ethical behavior and norms provided by the Christian faith. Attention given to both Christian ethical theory and contemporary personal and moral issues.

Course Rotation: Every Fall & Spring *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3335 Christian Apologetics 3,0

This course will survey the nature, objectives, and significance of presenting a viable defense of the Christian faith against objections of the major philosophies and ideologies that conflict with the faith in this "post Christian" and "post-modern" age.

Course Rotation: Fall Even Years *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3341 Lutheran Doctrine 3,0

Systematic analysis of the major doctrines of the Lutheran faith as derived from the Bible.

Course Rotation: Every Fall *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3342 Lutheran Confessions

A study of the history and content of the Lutheran confessional documents contained in the Book of Concord.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3345 Theology of Worship 3,0

The biblical foundations of worship are carefully examined. Then current worship practices are experienced and analyzed in light of Scripture.

Course Rotation: Fall Odd Years *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3346 A Christian View of Nature 3,0

An examination of Biblical passages about the natural world and discussion of related theological issues.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3353 American Christianity 3,0

A study of the major denominations within American Christianity.

Course Rotation: Every Spring *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3354 History of Christianity 3,0

An overview of the history of Christianity from the New Testament era to the present. The course will focus on the central persons, ideas, issues, and events that have shaped the Christian Church and its worship, doctrine, ethics, organization, and mission. Cross-listed as HIS 3354.

Course Rotation: Fall Odd Years *Course Fee: None*

Pre-Requisites: REL 1301 and REL 1311.

REL 3355 History of Christian Mission 3,0

The course will cover the historical expansion of the Christian church and its impact on societies around the world. The course will examine the theology, culture, politics and methods of mission efforts beginning with the Acts of the Apostles.

Course Rotation: Spring Off Years *Course Fee: None*
Pre-Requisites: REL 1301 and REL 1311.

REL 3361 The Writings of C. S. Lewis 3,0

Studies the life, the works, the literary criticism, the themes, and the thought of C.S. Lewis, with attention to the various literary genres within which Lewis wrote. This course is also available online.

Course Rotation: Spring Odd Years *Course Fee: None*
Pre-Requisites: REL 1301 and REL 1311.

REL 3362 Narnia Meets Middle Earth 3,0

This course offers a close look at the impact of such authors as Joseph Campbell, C.S. Lewis, J.R.R. Tolkien, J.K. Rowling, and the Scriptures upon the world of religion, imaginative literature, communication, and our way of life by studying the role of imagination and myth.

Course Rotation: Spring Even Years *Course Fee: None*
Pre-Requisites: REL 1301 and REL 1311.

REL 3381 Major World Religions 3,0

Introduction to the history, faith, and culture of the major non-Christian religions of the modern world, including Islam, Judaism, Hinduism, and Buddhism, with brief attention to minor religions and non-theistic religion.

Course Rotation: Every Fall *Course Fee: None*
Pre-Requisites: REL 1301 and REL 1311.

RELIGIOUS EDUCATION

REDU 1111 Spiritual Disciplines I 1,0

This course will assist students in their spiritual life through an exploration of the spiritual disciplines and an integration of truth into life as it pertains to their current lives as students preparing for full-time ministry. (To be taken freshman year)

Course Rotation: *Course Fee: None*
Pre-Requisites: None

REDU 1112 Spiritual Disciplines II 1,0

This course will assist students in their spiritual life through an exploration of the spiritual disciplines and an integration of truth into life as it pertains to their transition from college life to full-time ministry. (To be taken senior year)

Course Rotation: *Course Fee: None*
Pre-Requisites: REDU 1111

REDU 2220 Introduction to DCE Ministry 2,0

This course examines the ministry of the DCE within the context of the Lutheran Church --Missouri Synod so students can make personal evaluations of their appropriateness for this ministry.

Course Rotation: *Course Fee: None*
Pre-Requisites: None

REDU 2350 Curriculum & Methods in Religious Education 3,0

This course focuses on the educational ministry of the local church with attention to writing, evaluating, and teaching Bible studies as well as organizing a comprehensive plan for Biblical discipleship.

Course Rotation: *Course Fee: None*
Pre-Requisites: None

REDU 3230 Leading Contemporary Worship 2,0

This course examines contemporary expressions of worship, and prepares DCEs to lead congregations into these forms of worship expression. Cross-Listed as MUS 3230

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3240 Missional Leadership 2,0

Students will gain knowledge of the latest theories and trends of missionaries and missional living. This class will also provide training in how to plan, budget, manage, execute and evaluate a short term mission trip, and how to turn short term trips into long term experiences.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3232 Outdoor Christian Ministry 2,0

This course seeks to examine the historical and contemporary purposes and formats of Outdoor Christian Education. Students will be equipped with the skills needed to implement an effective Outdoor Christian Education program in a congregational or school setting. This is a one-week intensive course taught in a camp setting.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3250 Christian Witness and Evangelism 2,0

This course introduces students to the theology and practice of Christian evangelism. Skills in speaking the Gospel to others will be developed.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3310 Youth Ministry 3,0

This class provides basic knowledge of parish youth ministry, knowledge of the curricula and resources available in youth ministry, and an opportunity to develop and observe models and styles appropriate in parish youth ministry.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3311 Cultural Influences on Youth Ministry 3,0

This course will focus on the cultural context of teenagers in America. Students will be viewing the American teenager's world of popular culture and societal norms as a missionary views a modern culture.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3313 Special Topics in Youth Ministry 3,0

This course will introduce theories on ways to minister to youth through some of the current hot issues in youth culture, such as: sexuality, addiction, abuse, etc. May be repeated for credit when topics vary. Students are limited to 9 hours of special topics courses.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3315 Confirmation Planning and Implementation 3,0

This course will review and assess the purposes, history, and structure of confirmation in the Lutheran Church for the purpose of structuring and outlining implementation strategies for use in a local

congregation. Adult and junior confirmation programs will be considered.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3316 Leadership & Administration in Children's Ministry 3,0

This course examines the many facets of the administrative process within the context of a staff ministry position to children and families. Staff relations, recruiting, the integration of children's and family ministry into the greater church body and leadership will be addressed. Evaluation of curriculum, facilities, policies, and procedures will also be addressed.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3317 Children's Ministry 3,0

This course will introduce theories related to children that will assist in developing an integrated ministry to children in a congregational setting. The five major sections of the course include development of the child; learning theories; the content of the child's learning in the church; planning, administration, and implementing a comprehensive ministry to children; and resources, activities and environments for children's ministry.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3319 Middle School Ministry 3,0

This course will introduce theories related to pre-adolescents, specifically 5th through 8th grade that will help in developing specific ministries for this age group in a parish setting. Knowledge of age appropriate curriculum, activities and ministry will be provided as well as compared and contrasted to children's and High School ministry.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3320 Parish Administration 3,0

An introduction to and exploration of the theory and processes associated with the administration of parish educational programs. Special emphasis is placed on idea generating; initiating change; promotion; evaluation; use of technology; budget; office and time management; managing volunteers; and legal issues relating to the responsibilities of the DCE in the parish.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3330 Family Ministry 3,0

This class gives students a look at family structures and will help show the importance of solid family ministry in the context of children and youth ministry.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3340 Adult Education in the Parish 3,0

This class focuses on adult learning theory, faith development and andragogy as it relates to the planning of effective adult education programs in a local congregation.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3341 Leadership Development 3,0

This class provides students with basic foundational knowledge of leadership, a forum in which to better understand the local congregation and how it functions, an opportunity to develop programming planning skills needed for effective parish ministry, and the discovery of one's personal leadership style.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3345 Emergent Theory 3,0

This course will go over the basic understandings, purposes, reactions and history of Emergent movement and discuss the positives and negatives in a Lutheran context. The concepts of postmodernism, post-Christianity and post-scalas will be evaluated, discussed and connected.

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 3398 National/International Studies: Mission Trip 3,0

Students will participate in and share leadership responsibilities for a 1-2 week short term mission trip experience. May be repeated for credit. Students are limited to 9 hours of Mission trip courses. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: Varies

Pre-Requisites: None

REDU 4210 DCE Practicum I 2.0

This course provides opportunities for students to gain meaningful insights and understandings of the congregational structure and organization of education and youth ministries. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 4211 DCE Practicum II 2.0

This course allows students to become involved in leadership activities of the education and youth ministries of the congregation. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 41210 DCE Internship I 12.0

This class is a directed and supervised, academic three-month to one-year training program. It enables students to experience many aspects of the educational ministries in a congregation as possible. These include part-time instructional agencies, youth work, family life, adult education, counseling, evangelism and church music. Course graded on a Pass/Fail basis. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: None

REDU 41211 DCE Internship II 12.0

This class is a directed and supervised, academic three-month to one-year training program. It enables students to experience many aspects of the educational ministries in a congregation as possible. These include part-time instructional agencies, youth work, family life, adult education, counseling, evangelism and church music. Course Graded on a Pass/Fail basis. Fulfills Experiential Learning requirement

Course Rotation:

Course Fee: None

Pre-Requisites: REDU 41210

SCIENCE

SCI 1402 Introduction to Astronomy 3,2

A study of the solar system, the Sun, stars, galaxies and the Universe. Descriptive and observational astronomy are stressed. This course has a required laboratory component. Students who have credit for a higher-level Astronomy course may not take this course for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: Placement at lower college entry mathematics or higher or successful completion of MTH 0320.

SCI 3301 Astronomy 2,2

A study of the stars, the solar system, planets, satellites, and galaxies. Descriptive and observational astronomy are stressed.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: MTH 1323 Quantitative Literacy or higher

SCI 3303 Geology and Ecology : Southwestern U.S.

A field study of major landforms and wildlife associated with the desert Southwest. This course emphasizes recognition of depositional and erosional features, identification of wildlife, and the interactions between biotic and abiotic components of desert ecosystems. Also includes a study of environmental concerns and conservation efforts in the deserts of the Southwest. Offered during Spring Break and/or summer and requires extensive physical exertion and "roughing it." Additional fee for course paid at the time of registration. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: Variable

Pre-Requisites: Consent of instructor

SCI 3304 Geology and Ecology of Hawaii

A field study of volcanism and the biological and physical factors which have influenced the ecological development of the Hawaiian Islands . This course emphasizes recognition of geologic features, wildlife identification, and a study of environmental concerns and conservation efforts in Hawaii. Offered during Spring Break and/or summer and requires extensive physical exertion and "roughing it." Additional fee for course paid at time of registration. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: Variable

Pre-Requisites: Consent of instructor.

SCI 4310 Natural Science Research Project

Students will plan, execute, and report on a research project under the supervision of a Natural Science faculty member. A senior level course for natural science majors and environmental science majors; graded on a Pass/Fail basis. Instructor approval required for registration. May be repeated once for credit.

Course Rotation:

Course Fee: None

Pre-Requisites: Approval of Natural Science faculty instructor

SERVICE LEARNING

SVL XXX Service-Learning Field Experience

This Service-Learning experience is optional and is designed to be an add-on to another course. Students will gain practical experiences in the field designed to supplement classroom theory and concepts. Students will design and implement community projects to meet meaningful community needs. Students will meet with their professor during regular class time and will also perform weekly

service at a site to be determined jointly by instructor, community partner and student. Fulfills 1 to 3 hours of Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: Approval of instructor or advisor

SOCIOLOGY

SOC 1301 Introduction to Sociology 3,0

Application of sociological analysis and concepts to American society. Fulfills Experiential Learning requirement.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

SOC 2306 Race and Ethnic Relations 3,0

Emphasis on race and ethnic relations as a national concern with emphasis on these concerns in the Southwest. Cross-listed as HIS 2306 (when taken in the Adult Degree Program it is not cross-listed).

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: SOC 1301 or HIS 1301 or HIS 1302

SOC 2341 Statistics for the Behavioral Sciences 3,0

An introduction to the fundamentals of descriptive and inferential statistics, especially as they apply to the behavioral and social sciences. Cross-listed as PSY 2341.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: PSY 1311 or SOC 1301

SOC 2491 Research Methods and Scientific Writing in the Behavioral Sciences 3,3

Methods and approaches to research in the behavioral and social sciences. Cross-listed as PSY 2491

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: PSY 1311, SOC 1301 and PSY/SOC 2341

SOC 3301 Urbanization (Demography) 3,0

City development especially in the United States and examination of the social implications of urbanization.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: SOC 1301

SOC 3302 Marriage and Family 3,0

Study and analysis of dating, marriage and the family in North America.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: SOC 1301

SOC 3303 Social Gerontology 3,0

Study and analysis of aging in the United States; secondary reference to the elderly in selected countries of the world.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: SOC 1301

SOC 3304 History & Culture: Mexican American 3,0

An analysis of the history and culture of the Mexican American people. Cross-listed as HIS 3304.

Course Rotation: Fall Even years

Course Fee: None

Pre-Requisites: Three credit hours of history or SOC 1301

SOC 3311 Criminology and Crime 3,0

The examination of crime, criminals, corrections, and community response; criminology theories and correctional systems. Cross-listed as CRIJ 3311.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: SOC 1301

SOC 3321 Sociological Theory 3,0

An examination of both historical and contemporary sociological theories.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: SOC 1301, 6 additional credit hours in Sociology and Behavioral Sciences, upper level standing.

SOC 3330 Social Psychology 3,0

Examination of cultural and psychological influences in the development of individuals and societies. Cross-listed as PSY 3330.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: PSY 1311 and SOC 1301

SOC 3331 Sociology of Children and Childhood 3,0

Examination and analysis of the concepts, theories, and empirical research in the sociological study of children and childhood with a focus on the social construction of the perception of children and of childhood as a distinct life stage; the process of socialization; and the social problems facing children. Although the emphasis will be on children in U.S. society, a global perspective will also be used to explore the diversity of children's experiences across societies.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: SOC 1301

SOC 4310 Behavioral Sciences Internship

Supervised on-the-job experience and involvement at one of Austin's agencies/companies. Interns will work with professional in the intern's field of specialization. A senior level course for Behavioral Science majors only. Graded Pass/No Pass. Fulfills Experiential Learning requirement. Cross-listed with PSY 4310

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: Senior standing, 3.0 GPA, 2.5 cumulative GPA, 18 credit hours of lower level and 9 credit hours of upper level work in the major.

SOC 4360 Topics in Behavioral Sciences

A seminar-style examination, discussion, and analysis of specific issue, population, theoretical approach, or person(s) studied in the Behavioral Sciences. The focus of the seminar may be from a Psychological or Sociological perspective, or a combination of the two disciplines. Students may repeat this course when the topic changes. Cross-listed with PSY 4360.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: 6 hours of upper-level hours in the Behavioral Sciences or by consent of the instructor.

SPANISH

SPN 1401 Spanish I 4,0

Introductory Spanish imparts communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Every Fall
Pre-Requisites: None.

Course Fee: None

SPN 1402 Spanish II 4,0

Continued introductory Spanish imparts further communication skills for daily use in these areas: listening, speaking, reading, and writing. Instruction emphasizes linguistic and cultural accuracy.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: SPN 1401

SPN 2301 Medical Spanish for Healthcare Workers

Medical Spanish imparts conversational vocabulary for healthcare settings; also, cultural awareness of Spanish-speaking populations.

Course Rotation: Every Semester

Course Fee: None

Pre-Requisites: None

SPN 2311 Spanish III 3,0

Intermediate Spanish imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It further offers advanced skills in linguistic and cultural accuracy.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: SPN 1402

SPN 2312 Spanish IV 3,0

Continued intermediate Spanish imparts advanced communication skills for daily use in these areas: listening, speaking, reading, and writing. It offers high-level skills in linguistic and cultural accuracy.

Course Rotation: As Needed

Course Fee: None

Pre-Requisites: SPN 1403.

SPECIAL EDUCATION

SPED 3301 Intro to Exceptional Learners 3,1

This course focuses on the foundation of special education. It will identify and discuss basic theories and concepts related to identification and classification of exceptional learners from diverse cultural backgrounds as well as highlight legislation and litigation in special education, factors that promote effective consultation and collaboration with families, educators, and other professionals. Fulfills Experiential Learning requirement.

Course Rotation:

Course Fee: None

Pre-Requisites: None

SPED 3302 Lang & Intercultural Communication Issues 3,1

This course focuses on language and communication disorders as they relate to oral language development of the exceptional learner from diverse cultural backgrounds. The course highlights a) theoretical models of language acquisition; b) factors that impact language development of students from culturally and linguistically diverse (CLD) backgrounds; c) intercultural language differences and their impact on mainstream communicative competence; and d) the nature, causes, and prevention of language, speech, and hearing disorders.

Course Rotation:

Course Fee: None

Pre-Requisites: SPED 3301

SPED 3303 Assessment for Diverse Learners 4,0

This course focuses on the assessment of children exhibiting the characteristics of behavior disorders, learning disabilities, and/or intellectual and developmental disabilities. It will examine principles and

techniques for assessing academic progress; how to use assessment to inform instruction; and how to incorporate assessment into the curriculum for students with disabilities. Teacher candidates will identify strategies to prepare for and administer tests, to recognize basic terminology used in assessment, to understand legal provisions and ethical provisions regarding assessment of the exceptional learner in diverse educational settings, as well as to understand how to use effective and varied behavior management strategies. This course will also use assessment data to develop Individual Education Plans (IEP's). This course requires field work.

Course Rotation: *Course Fee: None*

Pre-Requisites: EDU 3311 and SPED 3301 Must be concurrently enrolled in SPED 3302

SPED 3304 Consultation & Collaboration for Exceptional Learners 3,1

This course is designed to increase awareness of the framework and rationale for collaboration, the facilitating factors involved, and strategies for implementation. The main emphasis of the course is on understanding collaborative consultation as a process that enables people with diverse expertise to work together to generate solutions for educating students with special education needs in general education classrooms. The course will also stress the effective use of verbal, non-verbal and written language; and the understanding of culturally responsiveness that promote effective communication and collaboration with families from culturally and linguistically diverse backgrounds.

Course Rotation: *Course Fee: None*

Pre-Requisites: SPED 3301, SPED 3403, and SPED 3302

SPED 4305 Methods for Teaching the Exceptional Learner 3,2

This course is designed to address instructional strategies and issues to teach learners with behavioral and/or learning disabilities, intellectual and developmental disabilities, and the organization of special classes and curriculum adaptation. Pre-service candidates will identify sources of specialized materials, curricula, and resources for individuals with disabilities as well as basic classroom management, theories, and strategies. There will be particular emphasis of methods for culturally and linguistically diverse exceptional (CLDE) learners. Requires Fieldwork.

Course Rotation: *Course Fee: None*

Pre-Requisites: SPED 3304

SPED 41207 Special Education Student Teaching 12,0

Supervised observation, participation, and teaching in a special education classroom for the entire semester. Pass/Fail graded course. Student teaching fee required. Student teaching room and board fee may also apply. Fulfills Experiential Learning requirement

Course Rotation: *Course Fee: None*

Pre-Requisites: Admission to the Professional Term

SPED 5310 Critical Issues in Special Education

Examines and analyzes critical and emerging social, legal, ethical and diversity issues in special education affecting educational policies, practices, curriculum development and teaching and learning. Emphasis is placed on investigating, understanding, interpreting and evaluating critical issues and best educational practices for ensuring that students with disabilities have access to a free and appropriate education in the least restrictive environment.

Course Rotation: *Course Fee: None*

Pre-Requisites: None

SPED 5312 Culturally Responsive Teaching in the Inclusive Classroom

Focuses on language and communication disorders as relating to oral language development of the exceptional learner from diverse cultural backgrounds.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPED 5314 Special Education Law

Examines the fundamentals and historical development of special education and civil rights and the educational needs of students with disabilities. In this course, focus is placed on an understanding of state and federal special education laws.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPED 5316 The Teaching-Learning Process in Special Education

Focuses on the teaching and assessment of children exhibiting the characteristics of behavior disorders, learning disabilities, and/or intellectual and developmental disabilities.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPED 5318 Collaboration in Special Education

Designed to increase awareness of the framework and rationale for collaboration, the facilitating factors involved, and strategies for implementation.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPED 5320 Special Education Practicum

Designed to provide a rigorous and meaningful developmental transition from educational theory to real world practical applications. The field-based experiences are designed and evaluated with the overarching goal of developing educational leaders by enhancing their authentic learning experiences.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPORTS ADMINISTRATION

SPAD 5301 Critical Issues/Events in Sports

Studies contemporary administrative, social, and ethical issues in American sports through a historical lens. Students will read about and discuss the historical roots of sports violence, doping, amateurism, sports as builders of nations and character, the relationship between sports and race and gender, and the relationship between sports and the media.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPAD 5302 Human Resources

Explores practices in recruiting, interviewing, hiring, supervising, and evaluating personnel associated with sports administration within the public and private sectors. Included is examination of legal issues in sports employment including employment contracts, nondiscrimination, leave, compensation, and termination.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPAD 5303 Finance

Reviews the management of finances in administering a sports program, event or facility and seeks to develop administrators who will act with integrity, fairness, and competence in dealing with budget formation and compliance, revenue source identification, and expenditure allocations.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPAD 5304 Facilities/Event Planning

Explores the details of planning and implementing various sports-related events while also making the best use of available facilities and space.

Course Rotation:
Pre-Requisites: None

Course Fee: None

SPAD 5305 Media/Marketing

Explores the use of various media and techniques to market sports to a wide variety of consumers. It discusses factors which affect consumer behavior, tools to understand consumers, branding, and the implementation of effective marketing programs.

Course Rotation:
Pre-Requisites: None

Course Fee: None

THEATER

THEA 1301 Experience of Drama 3,0

This course examines the play's journey from page to stage. Appropriate for both beginning and advanced theatre students, the class will meet twice a week. The first class session each week will include script and production analysis, delivered through lecture, presentations, and class-discussion. The other sessions will be spent attending theatrical performances, often including a talk-back with production personnel. May be repeated for credit. May be used to fulfill all or a portion of the Fine Arts requirement.

Course Rotation: Every Spring Even Years
Pre-Requisites: None

Course Fee: None

THEA 3x21 Theatre Practicum 1-3,0

"Hands on" training to earn credit for working on a major dramatic production. Students may earn credit for performance or technical theatre work (through Stage Management, Lighting, Costumes, etc.). The number of credits that the student can register for will depend on his/her production hours. May be repeated for credit. May be used to fulfill all or a portion of the Fine Arts requirement.

Course Rotation: Every Fall & Spring
Pre-Requisites: None

Course Fee: None

THEA 2322 Theatre for Social Change 3,0

Due to the unique power of the immediate moment of interaction between audience and performer, theatre has tremendous potential as a tool for social change. This course will examine the theories and methods of theatre for social change throughout the 20th century. We will examine a wide array of international topics, including agit-prop theatre, radical street performance, Theatre of the Oppressed, theatre in prisons, and the use of theatre in the church. May be used to fulfill all or a portion of the Fine Arts requirement.

Course Rotation: Every Spring
Pre-Requisites: None

Course Fee: None

THEA 3322 Acting: Improvisation and Scene Study 3,0

This class provides the theatre student with an opportunity to develop acting skills through the disciplines of improvisation and scene study. Improvisation is employed as a means of structuring original ideas in order to create scenes, as a method of confronting and solving acting problems, as a way to inspire social change, and as a means of theatricalizing non-dramatic sources such as folktales.

May be repeated for credit. May be used to fulfill the Fine Arts core requirement.

Course Rotation: Every Fall

Course Fee: None

Pre-Requisites: None

THEA 3323 Scene Study 3,0

This course provides the theatre student with an opportunity to develop acting skills through disciplined scene study. Activities will include in-class discussion, a close reading of course texts, detailed character analysis, rehearsal, and performance. May be repeated for credit.

Course Rotation: Every Spring

Course Fee: None

Pre-Requisites: THEA 3322