UNDERGRADUATE MAJORS AND COURSES (TRADITIONAL)

Academic Services (ACSR)

Snezek (director), Accult, Higgins, Konecky, Price, Tessler

Skill Development Courses

The University offers a number of courses designed to assist students who have deficiencies in specific academic skills. The courses may not be used to fulfill general education or major/minor requirements.

WRIT 1000 Fundamentals of Composition .....4 sh*

MATH 1005 Practical Math for College .....4 sh*

MATH 1010 Intermediate Algebra .....4 sh*

ACSR 1005 Foundations for Academic Success..... 2 sh

ACSR 1010 Critical Reading Skills..... 2 sh

*These courses do not count toward the 120sh graduation requirement but can count towards full-time enrollment status.

1005 **Foundations for Academic Success (2 sh)**
An introduction to skills and strategies essential to success at the university level. Topics range from time management to critical thinking skills. Students will explore these topics through lectures, small groups, individual appointments and practical application. Special restrictions: enrollment by instructor permission, limited to first year students.

1010 **Critical Reading Skills (2 sh)**
The course is designed to provide instruction and practice in reading skills essential for academic success in college. The course is intended to meet the needs of the beginning college student and is organized to accommodate students with a wide range of reading abilities. While credit for this course applies toward graduation, the course may not be used to fulfill general education or major/minor requirements. Special restrictions: enrollment by placement.

1020 **Topics in Skills Development (1-4 sh)**
Specific instruction and practice in study/learning skills and approaches essential for academic success in college. Lecture, small group/individual tutorial format. Topics vary by term. While credit for this course applies toward graduation, the course may not be used to fulfill general education or major/minor requirements. Special restrictions: enrollment by placement or by action of the Student Academic Standing Committee.

1030 **Career Planning (2 sh)**
Students will explore decision making, goal setting, and values clarification and investigate options in majors and careers. Consideration will be given to the transition from the academic arena to the world of work.

4920 **Study Abroad Program (4-16 sh)**
Study Abroad Placement Holder

4970 **Internship Planning (1-4 sh)**
Please refer to Internship section of catalog for internship requirements and guidelines.

Advertising (ADV)

The advertising major at North Park is an interdisciplinary major which integrates the resources of three departments: School of Business and Nonprofit Management, Communication Arts, and Art. Students in this major will take courses from each of these departments as core requirements. The purpose of this program is to broadly prepare students for a career in advertising and communication. The Bachelor of Art program is designed to give each student an interactive understanding and synthesis of the three areas that contribute to the field. Students desiring more in-depth knowledge of a particular advertising specialty are advised to take additional course work as follows: creative design or audio and video production interest (BS in Advertising); account management interest (additional BSE courses and marketing courses), marketing research or consumer behavior interest (additional marketing and psychology courses). The Bachelor of Science program is recommended for students desiring a creative career in advertising. In BA and BS programs, students will be exposed to the ethical issues that are encountered in the field and are expected to develop the value sensitivity that will help them make responsible value judgments about advertising and the broader communications arena.

For admittance into the major, an overall GPA of 2.5 and a C- or better in BSE 2610 is required. A GPA of 2.5 in the major courses is required for graduation from the university with this major. Students dropping below 2.5 in the major are required to meet with their advisor to develop a plan to repeat courses to bring up their GPA before taking additional courses. The dean of the School of Business and Nonprofit Management must approve the plan. Students failing to complete their plan successfully are subject to dismissal from the major.

Major requirements for the B.A. degree in Advertising

Required semester hours

38 sh

Prerequisites and supporting courses

10 sh

PHIL 2530, PSYC 1000, STAT 1490

Required core courses

ART 1030, 2080, 2081; BSE 2211, 2540, 2610, 3510, 3610, 3620, 3624, COMM 1910, 2150

Notes and Restrictions

An internship is strongly recommended

Major requirements for the B.S. degree in Advertising

Required semester hours

62 sh

Prerequisites and supporting courses

10 sh

PHIL 2530, PSYC 1000, STAT 1490

Required core courses

ART 1030, 2080, 2081, 3081, 3082; BSE 2211, 2540, 2610, 3510, 3610, 3620, 3624, 4970; COMM 1910, 2150, 3450;

12 semester hours from ART 1040, 2010, 2017, 2018, 2060, 2100, 3060, 3100, COMM 2155, 2175, 2355, 3355

Notes and Restrictions

Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

See appropriate sections of the catalog for course descriptions.

Africana Studies (AS)

Simms

Africana Studies is an interdisciplinary program designed to apply the scholarly approach of a number of traditional disciplines, such as sociology, theology, and history, to a consideration of the Black experience. The program seeks to nurture the student's intellectual, social, and political development through an examination of the rich and multifaceted cultures, literatures, religions, and histories of Blacks in Africa and the African Diaspora. This approach emphasizes both the political struggle of Black people and their contribution to Western civilization.

Major requirements for the B.A. degree in Africana Studies

Required semester hours

36 sh

Prerequisite

AS 2500

Required core courses

AS 3010, 3020, 4970, SOC 2090 or SOC 2100; one course from AS 3030 or AS 3040

Electives

3 courses from the following: AS 2220, 2840, 3910, 3920; HIST 3210, 3220, 3230, 3240, 3250, 3260, 3290

Minor requirements in Africana Studies

Required semester hours

20 sh

Prerequisite

AS 2500

Required core courses

AS 3010, 3020, SOC 2090 or SOC 2100

Electives

AS 2220, 2840, 3030, 3040, 3910, 3920, HIST 3210, 3220

Notes and restrictions

1. Students must complete a form listing the courses they have taken to complete the minor, to be obtained from the department and on the department website.
2. Students must turn in a simple portfolio to the chair of the department containing the following:
   - A statement of their specific goals upon entering the program
   - A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
   - Two samples of student work from each course: completed: projects, essays or exams.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

2220 **The Struggle for Freedom: Black Leaders of the Twentieth Century (4 sh)**
Examines the philosophies and strategies of Black leaders in the struggle for freedom during the 1900s in the history of Africa and the United States. Focuses on key figures from the continent such as Kwame Nkrumah and Jomo Kenyatta, revolutionaries who fought against European colonialism, and preeminent African-American leaders such as Ida B. Wells and W.E.B. DuBois, organizers of protest against White American racism.

2500 **Introduction to Africana Studies (4 sh)** GE
Utilizing the disciplines of history, sociology, and anthropology, this course presents, discusses, and analyzes the African-American experience from pre-slavery West Africa to contemporary U.S., with particular emphasis on current cultural, theological, social, economic, and political issues that exist within the African-American community. Cross-listed with SOC 2500.

2540 **The Sankofa Experience (2 sh)**
Creates more meaningful and sensitive relationships and more intelligent and sincere communication between students of varying ethnic backgrounds. Features a 60-hour bus tour through several southern states with stops at sites relevant to the Civil Rights movement of the 1960s. Includes pre-trip lectures and films on such topics as racism and prejudice. Assigns each student a partner of a different ethnic background with whom to discuss and experience cultural diversity before, after, and during the trip.

2730 **Speaking Truth to Power: The Politics of Mexicans in America (4 sh)**
Surveys Mexican history from Pre-Columbian Period to the present and emphasizes Mexican American politics. Employs Marxian and Gramscian theory in examining the political influence of such organizations as the League of United Latin American Citizens and the protest rhetoric of Chicano leaders like Cesar Chavez. Examines selected points of common political interests shared by Mexican- and African-Americans. Cross-listed with LAS 2730.

2840 **African-American Church History and Religious Thought (4 sh)**
Studies the religious thought of African-Americans, employing as a frame of reference the Black Christian church from its beginning during slavery to its maturity in the present day. Includes the ideas of a variety of spiritual leaders such as Jupiter Hammon, David Walker, Marcus Garvey, Father Divine, John Perkins, James Cone, and E.V. Hill. Examines the influence of slavery, emancipation, migration, and White racism on the development of African-American religion. Cross-listed with BTS 2840.

2950 **Rap Music in Urban America: An Introduction to the Politics of Black and Latino Culture (4 sh)**
The class employs Marxism and Gramscian theory in interpreting rap music specifically and hip hop culture generally as forms of resistance to the oppressive ideas and discriminatory policies of U.S. society. It offers a critical examination of Latino and Black political rappers viewing them as socially conscious activists committed to the uplift of their respective communities. Cross-listed with LAS 2950.

3010 **African-American History to 1865 (4 sh)**
Explores the history of African-Americans beginning with African origins and continuing through the Civil War. Focuses on Black religion, identity formation, participation in plantation society, and contribution to American culture. Emphasizes African-American self-expression through a reading of primary sources, especially slave narratives.

3020 **African-American History from 1865 to Present (4 sh)**
Explores the history of African-Americans from the end of the Civil War to the present. Investigates Black identity formation, migration and urbanization, leadership production, protest strategies, and recent political movements. Gives attention to the writings of African-American authors, especially those of the Harlem Renaissance and the Civil Rights Movement.

3030 **Civil Rights Movement 1954-1970's (4 sh)**
Emphasizes the period from 1954 through the 1970s as a time of social turmoil and change in American society, during which African-Americans insisted on inclusion in the nation's mainstream and power in their own right. Employs social movement theory in examining the history, progress, and effects of the Civil Rights Movement in general and in studying such organizations as the NAACP and such leaders as Martin Luther King in particular. Cross-listed with SOC 2530.

3040 **The Literature of the Black Diaspora (4 sh)**
Traces the literary history of Black people beginning with the hieroglyphics of Ancient Egypt and concluding with works by such modern writers as Toni Morrison and Alice Walker. Emphasizes the literature production of African, African-American, and Caribbean authors in exploring the dynamics of the Black Diasporic experience. Uses techniques of literary analysis in examining representative poems, novels, plays, autobiographies, tracts and essays. Highlights the contribution of history to interpreting the work of Black artists. Prerequisite: ENG 1750.

3910 **Topics in Africana Studies (2-4 sh)**
Focused examination of a particular theme within the sociopolitical framework of the Black experience. Possible subjects include in-depth studies examining the lives of such artists as Nikki Giovanni and historical analyses of such topics as the pro-slavery ideology of the antebellum South. Student must have consent of the instructor and chairperson of the division.

3920 **Francophone Literature (4 sh)**
Exploration of major regions of the Francophone world: Africa and the Caribbean; their culture, political, economic, and social problems, religion, etc. Quebec may be included if taught in French. Prerequisite: FREN 3010.

4910 **Independent Study in Africana Studies (2-4 sh)**

4970 **Internship in Africana Studies (1-4 sh)**
Please refer to the Internship Section of the catalog for internship requirements and guidelines.

Arabic (ARAB)

Minor requirements in Arabic

Required semester hours

20 sh

Required core courses

ARAB 1010, 1020, 2010, 2020, 3910

GE Designates a course that fulfills all or part of General Education (G.E.) requirements; see the General Education Program section of the catalog for more information.

1010 **Conversational Arabic I (4 sh)** GE
This course is designed for students with little or no previous experience with the Arabic language and will introduce the basic elements of modern standard colloquial Arabic through written and oral usage. Emphasis will be placed upon sound recognition, keys to listening, writing, and building a basic vocabulary selected from ordinary situations in everyday life. A significant cultural component of the course will introduce students to general concepts of life in the Arab world including field trips to Arab neighborhoods in Chicago. No credit for ARAB 1010 will be granted to students who have completed more than two years of high school Arabic within the last five years.

1020 **Conversational Arabic II (4 sh)** GE
This course is designed for students with little or no previous experience with the Arabic language and will introduce the basic elements of modern standard colloquial Arabic through written and oral usage. Emphasis will be placed upon sound recognition, keys to listening, writing, and building a basic vocabulary selected from ordinary situations in everyday life. A significant cultural component of the course will introduce students to general concepts of life in the Arab world including field trips to Arab neighborhoods in Chicago.

2010 **Intermediate Arabic I (4 sh)**
This course builds upon the basic foundation of Arabic grammar, conversation, and vocabulary through written, oral, and experiential usage. The Arabic vocabulary will be expanded as students are introduced to topics of increasing depth and complexity in a variety of concrete life situations. Reading selections will be provided from literature (including the Arabic Bible and Qu?ran), culture, and the media. Students will thereby be enabled to expand their oral and reading skills. Prerequisite: ARAB 1020.

2020 **Intermediate Arabic II (4 sh)**
Continuation of ARAB 2010 that builds upon the basic foundation of Arabic grammar, conversation, and vocabulary through written, oral, and experiential usage. The Arabic vocabulary will be expanded as students are introduced to topics of increasing depth and complexity in a variety of concrete life situations. Reading selections will be provided from literature (including the Arabic Bible and Qu?ran), culture, and the media. Students will thereby be enabled to expand their oral and reading skills. Prerequisite: ARAB 2010.

3910 **Topics in Arabic (1-4 sh)**
This course allows students to build upon previous studies of Arabic grammar, conversation, and vocabulary through written, oral, and experiential usage.

Art (ART)

VanderBrug (chair), Lowly, Okore

The North Park University art major provides students with opportunities for vocational discernment and personal development within the visual arts. Students choose one of three possible areas of concentration; Fine Arts, Graphic Design, or Curatorial Studies. (Pre-Art Therapy is a pre-professional area of study and thus does not require an Art major. Use the academic planning guide from the Pre-Professional webpage of the North Park website along with your faculty advisor to plan your needed courses. Recommended majors for Pre-Art Therapy are Art and/or Psychology.)

The Art program fosters a broad, deep, and critical engagement with visual culture, exposing students to art from many different periods and places. Students are instructed in the conceptualization and production of visual art in a wide range of new and traditional media and are introduced to standards of professional practice in applied and fine art. The major is energetically engaged with the urban context, offering multiple internship opportunities and a wide range of gallery and museum field experiences. The department encourages students in their visual and spiritual development and promotes a visual culture/faith dialogue. Finally, the department serves art students and the general campus community by prominently exhibiting art in a wide variety of styles and media produced by students and art professionals.

Major requirements for the B.A. degree in Art

Required semester hours

36 sh

Required core courses

Fine Arts: ART 1030, 1040, 1100, 2100 or 3100 (4 sh), 2020, 2030, 2040 or 2050, 2060, 4010, 4011; Art History Requirement: ART 2017 or 2018; Two of the following: ART 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 or 2018; Electives (6 sh): Art History beyond the 6 sh requirement or ART 2080, 2081, 3020, 3030, 3040, 3060, 3061, 3081, 3082, 3910, 4020, 4060, 4910, 4970.

Graphic Design: ART 1030, 1040, 1100, 2020, 2040 or 2050, 2060, 2080, 2081, 3081, 3082, 4010, 4011, and 4970 (taken for 4 sh); Art History Requirement: ART 2017 or 2018; and one additional course selected from the following: ART 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 or 2018; Electives (4 sh): Art History or Art Studio beyond the above requirements.

Curatorial Studies: ART 1030,1040, 1100, 4010, 4011, and 4970 (taken for 4 sh); Art History Requirement: ART 2017 or 2018; and five additional courses selected from the following: ART 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 or 2018; Electives (10 sh): Any Art History beyond the 10 sh requirement or ART 2020, 2030, 2040 or 2050, 2060

Notes and restrictions

Participation in Fourth-Year Show/Curatorial Project required for concentrations in Fine Arts, Graphic Design, and Curatorial Studies.

The Art Department believes significant enrichment occurs in concentrations when students also study in related disciplines. We therefore require all Art majors to meet the corequirements specific to their concentrations. Students obtaining a secondary teaching certificate are exempt from the corequirements.

Fine Arts Concentration (12 sh)

Communications/History (4 sh): COMM 2140 or any 4 sh in History

English (4 sh): One from ENG 2020, 2030, 2040, 2050

Philosophy (4 sh): PHIL 3515

Graphic Design Concentration (12 sh)

Communications: COMM 2150, 3100, 3480

Business and Economics: BSE 2211, 2610, 3510

Curatorial Studies Concentration (12 sh)

Philosophy (4 sh): PHIL 3515

History (8 sh): one HIST 2000 or 3000 level, and HIST 4010

Honors

The Art Department offers an honors program in selected studio areas and art history. For admission into the program, students must have completed all courses offered within the intended area of focus, including independent study in some areas. Approval of the division chairperson is also required. For graduation with Departmental Honors in Art, students must complete 4-8 sh of ART 4000, which can be spread over several semesters. The honors project must be presented to the Faculty of the Art Department as well as at the Spring Honors Symposium. For general Departmental Honors requirements and ART 4000 course description, see appropriate sections of this catalog.

Teacher Certification Candidates

See Education entry in this section.

Minor requirements in Art

Required semester hours

20 sh

Required core courses

ART 1030, 1040, 1100

Art History Requirement: ART 2017 or 2018; One of the following: ART 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 or 2018 if not taken to meet the above art history requirement

Electives

10 sh in art

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1030 **Two Dimensional Design (2 sh)**
Introduction and application of the elements of visual language. Studies in shape, color, line, texture, and value as they relate to two-dimensional art.

1040 **Three Dimensional Design (2 sh)**
Elements of visual language as they apply to three-dimensional art. Projects based on the study of volume, space, line, color, and texture.

1100 **Drawing I (2 sh)** GE
Line, tone, and composition in relation to a variety of subjects, such as still-life, architecture, figure, and landscape. Media will include pencil, ink, charcoal, Conte crayon, ink wash, etc.

2010 **History of African/Oceanic Art (2 sh)** GE
Study of the art produced on the continent of Africa and in the southeastern Pacific. Analysis of social practices and religious traditions as they affect the art of the regions.

2011 **History of Art of the Americas (2 sh)** GE
Study of the art produced in North, Central and South America. Analysis of indigenous religious traditions and social structures and the way they have shaped the visual arts in the Americas. The art will be studies before contact with European civilization and after conquest and colonization.

2012 **History of Asian Art (2 sh)** GE
Study of art from the continent of Asia. Analysis of Asian religious and cultural traditions and the way they have shaped Asian art from pre-history to the present.

2013 **History of Classical Western Art (2 sh)** GE
Study of Grecian and Roman art from B.C.E. 800 to C.E. 500. Architecture, sculpture, painting and ceramics will be some of the art forms studies. Attention will be given to how the art produced by these two societies is similar and how it diverges.

2014 **History of Early Christian, Byzantine and Medieval Art (2 sh)** GE
Early Christian, Byzantine and Medieval art which was produced from about 300 C.E. to 1300 C.E. will be studied. The course will trace the development of Christian art from its origins in Roman art and culture to its full flowering in the Byzantine and Gothic styles.

2015 **History of Renaissance and Baroque Art (2 sh)** GE
Study of art produced in Europe between the years of 1400 C.E. and 1700 C.E. The course will study painting, sculpture and architecture and will analyze the roles of the Reformation and the counter-Reformation as they impacted European Art.

2016 **History of Nineteenth Century Art (2 sh)** GE
Study of art produced primarily in Europe and America in the ninetieth century. The course will study painting, photography, architecture and sculpture and will include major movements such Romanticism, Realism and Impressionism.

2017 **History of Early Modern Art (2 sh)** GE
The art of the first half of the 20th century produced primarily in Europe and America. All forms of modern visual expression will be included but the primary focus will be upon the arts of painting, photography, sculpture and architecture.

2018 **History of Contemporary Art (2 sh)** GE
The art of the second half of the 20th century and the art of the 21st century. The course will study all forms of visual expression including new media as well as covering art theory. A substantial portion of the course will focus on the art produced in America but art from around the world will also be studied.

2020 **Painting I (2 sh)**
Development of technical and conceptual skills involved in painting. Both direct and indirect techniques are stressed in oils and acrylics Prerequisite: ART 1030, 1100.

2030 **Sculptural Practices I (4 sh)**
Investigation of media, tools and techniques employed in ceramics, sculpture and other 3 dimensional forms of visual expression. Materials used may include stoneware clay, plaster, stone, wood, fabric, metals and found objects. Techniques employed may include the ceramic techniques of hand building and wheel throwing and the sculpture techniques of modeling, carving, welding, assemblage and installation. Prerequisite: ART 1040.

2040 **Printmaking: Relief (2 sh)**
This course is an exploration of relief woodcuts and linoleum block printing. Various approaches to relief, along with both the history and theory of the techniques are investigated. Prerequisite: ART 1030, 1100.

2050 **Printmaking: Intaglio (2 sh)**
This course explores a variety of intaglio printing processes such as etching, engraving, drypoint, and aquatint. Students create plates with metal and plastic using traditional and contemporary techniques in black and white as well as color. Prerequisite: ART 1030, 1100.

2060 **Photography I (2 sh)**
Basic techniques of black and white photography. Includes an introduction to camera mechanics, processing techniques, and photographic criticism. Prerequisite: ART 1030.

2080 **Introduction to Graphic Design (2 sh)**
This course is an introduction to the basic principles of visual communication, including an introduction to problem-solving strategies, symbolic association, and the problem of effective communication in a global culture. Students will explore the relationships between form and content, word and image, and practice the selection, organization and presentation of information in the form of text and images. Prerequisite: ART 1030.

2081 **Advanced Graphic Design Advertising Design II (2 sh)**
This course considers advanced concepts in visual communication, including an introduction to user-based design theory. Students will explore the world of print media through a series of case studies, and practice single page compositions, multi-page compositions, and the integration of form, image, and text. Lab. Prerequisite: ART 2080.

2100 **Drawing II (2 or 4 sh)**
Continuation of Drawing I with the human form as subject matter. Drawing in various media directly from the figure. Prerequisite: ART 1100.

3020 **Painting II (2 or 4 sh)**
Intermediate study of painting in both oils and acrylics. Study of the history of painting included. Prerequisite: ART 2020.

3030 **Sculptural Practices II (2 or 4 sh)**
Intermediate study of spatial arts. Prerequisite: ART 2030.

3040 **Intermediate Printmaking (2 or 4 sh)**
Intermediate study of printmaking. Prerequisite: ART 2040, 2050.

3060 **Photography II (2 or 4 sh)**
Intermediate studies in photographic arts. Includes black and white, color, digital, and alternative processes, as well as photographic theory and criticism. Prerequisite: ART 2060.

3061 **Documentary Photography (4 sh)**
Introduction to the practice, history and critical theory of documentary image-making. Academic and studio projects will investigate aesthetic, socio-political, and ethical aspects of documentary photography. Prerequisite: ART 2060.

3081 **Digital Illustration Lab Advertising Design III (2 sh)**
This class familiarizes students with the vocabulary, tools, and methods of vector-based drawing and reinforces ties to traditional media. Advanced concept in illustration software programs. Prerequisite: ART 1030, 1100.

3082 **Digital Imaging Lab (2 sh)**
This class familiarizes students with the vocabulary, tools and methods of raster-based drawing and photo editing, and reinforces ties to traditional media. Advanced concepts in photo editing programs. Prerequisite: ART 1100, 2080.

3100 **Drawing III (2 or 4 sh)** GE
Advanced study of figure drawing. This is a studio course that incorporates discussion of assigned readings and investigates the conceptual aspects of drawing. The course includes the use of the computer. Prerequisite: ART 1100.

3260 **Methods in Art for Elementary Teachers (1 sh)**
This course will consist of methods of teaching art in the elementary school. Emphasis will be placed on both the theoretical and the practical information and skills essential for the teaching of art. Prerequisite: EDUC 2130, 2140, 2145, 2155.

3390 **Methods and Materials for Teaching Art K (2 sh)**
Lesson planning, methods, and material selection for teaching art in the elementary school. Integration with the program of regular classroom teacher as well as planning for an entire art curriculum for elementary students. Prerequisite: EDUC 2130, 2140, 2145, 2155.

3910 **Topics in Art (2 or 4 sh)**
Investigation of a selected subject in art.

4000 **Departmental Honors in Art (4 or 8 sh)**
A special directed study course for the qualified student in either a studio or art history subject.

4010 **Fourth-Year Seminar in Art I (2 sh)**
This course provides a culminating experience for the art major. It will help art students prepare for a professional life by supporting and directing the development of a focused fourth-year project. The course will deal with such topics as preparations for professional shows,integration of theory and practice,integration of art historical precedent, organizing and mounting art exhibitions, and development of a professional portfolio.

4011 **Fourth-Year Seminar in Art II (2 sh)**
A continuation of the fourth-year seminar. Prerequisite: ART 4010.

4020 **Advanced Painting (2 or 4 sh)**
Advanced study of painting. Prerequisite: ART 3020.

4030 **Sculptural Practices III (2 or 4 sh)**
Advanced study of sculpture. Prerequisite: ART 3030.

4050 **Advanced Printmaking III (2 or 4 sh)**
Advanced study of printmaking. Prerequisite: ART 3040.

4060 **Photography III (2 or 4 sh)**
Advanced study of photography. Prerequisite: ART 3060.

4910 **Independent Study in Art (1-4 sh)**
The fourth-year students majoring in art may do additional work in history of art or in one of the applied fields.

4970 **Internship in Art (1-4 sh)**
An apprentice experience in the professional world of art. The University has a working arrangement with several design studios, offices, and advertising agencies. Please refer to the Internship Section of the catalog for further internship requirements and guidelines.

Biblical and Theological Studies (BTS)

Johnson (chair), Nassif, Veeneman, Willitts

The mission of the Department of Biblical and Theological studies within the General Education curriculum is to enable students to fashion lives of significance and service by providing them with the opportunity to develop intellectually, spiritually, and socially through their experience of a biblical and theological program. Such an experience occurs in the contexts of (1) an international student body and Faculty, (2) a culturally-diverse urban setting, (3) a vibrant dialogue about Christianity, faith, and culture, and (4) a school committed to a broad evangelical Christian tradition.

The Faculty of the Department of Biblical and Theological studies is committed to providing its majors with an opportunity to develop a life of significance and service by learning about God, the Bible, and its interpretive issues, as well as the various historic Christian and religious traditions. In such an experience, the student is engaged to become responsible enough to integrate one's personal faith collegially into the larger scope of a liberal arts education as well as the various opportunities afforded by University ministries. Thus, the Department is committed to students developing abilities in (1) Biblical, historical, and theological interpretation, (2) critical thinking, and (3) the responsibility of knowledge and faith for shaping behavior. The Department is committed to a rigorous assessment of its students and the expected outcomes of its program, through regular observation, evaluation, and feedback.

Major requirements for the B.A. in Biblical and Theological Studies

Required semester hours

36 sh

Required core courses

BTS 2500, 2600, 2640, 2650, 2700, 4010

Electives

12sh from BTS 2110, 2120, 2130, 2210, 2260, 3250 with at least one course from each the Old Testament and New Testament

Notes and restrictions

Up to four hours of coursework in the major may apply to the General Education requirement in Biblical and Theological Studies. GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; BTS 1850 is the prerequisite for each course.

Minor requirements in Biblical and Theological Studies

Required semester hours

Five courses above BTS 1850

Required core courses

Two biblical studies courses

Two theological studies courses

One elective

Notes and restrictions

Up to four hours of coursework in the minor may apply to the General Education requirement in Biblical and Theological Studies.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1850 **Introduction to the Bible (4 sh)** GE
An introductory survey of the history and theology of the biblical narrative as it informs Christian faith today. Particular emphasis on the theological unity of the Bible's message.

2110 **The Pentateuch (4 sh)** GE
The focus of this course is the story of biblical Israel as depicted in the first five books of the Bible, or the Pentateuch. The course will follow closely the concern of the Pentateuch for faith, particularly in relation to the covenant at Mount Sinai and the revelation of the law. Biblical Emphasis-Old Testament. Prerequisite: BTS 1850.

2120 **Old Testament Prophets (4 sh)** GE
A historical study of the Hebrew prophets within the economic, political, and social conditions of their time. The significance of the prophetic message for the Hebrew and Christian faiths. Biblical Emphasis - Old Testament. Prerequisite: BTS 1850.

2130 **Old Testament Poetry and Wisdom Literature (4 sh)** GE
A survey of the third major division of the Hebrew canon of the Bible, the Writings or Kethubim. The Writings are a miscellaneous collection of books important in understanding the history, faith, and practice of ancient Israel and early Judaism. This in turn is important for understanding the New Testament and the early Church. This course examines the different books of the Writings in their final, canonical form, with attention given to the various theological motifs. Different literary genres present in the collection are studied. The canonical role of the Writings as a collection is also examined. Biblical Emphasis-Old Testament. Prerequisite: BTS 1850.

2210 **Jesus of Nazareth (4 sh)** GE
The life and teachings of Jesus studied with reference to current research. Explores the quest for the historical Jesus, the historicity of the gospels, and the method and message of Jesus' teachings. Biblical Emphasis-New Testament. Prerequisite: BTS 1850.

2260 **Paul (4 sh)** GE
A reconstruction of the life and letters of the Apostle Paul with reference to current research. Emphasis on Paul's theology of the church (ethics, mission, spirituality) and its practical importance for today. Biblical Emphasis-New Testament. Prerequisite: BTS 1850.

2310 **The Historical Geography of Biblical Israel (4 sh)**
An intensive study of the geography, archeology, and history of ancient Israel as it informs the biblical story. In addition, modern dilemmas of politics, history, and faith in the Middle East will be examined. This course is limited to students who will travel to Israel for further study. Biblical Emphasis-Old Testament. Prerequisite: BTS 1850.

2500 **Introduction to Theology (4 sh)** GE
A study of the major theological doctrines of the Christian faith, with emphasis on their integration into personal belief. Theological Emphasis. Prerequisite: BTS 1850.

2510 **Christian Ethics (4 sh)** GE
A study of the moral implications of the Christian faith, with emphasis on their integration into personal belief. Theological Emphasis. Prerequisite: BTS 1850.

2520 **Christian Spirituality (4 sh)** GE
An examination of the nature of Christian spirituality with emphasis on spiritual development and maturity. Relevant literature of a variety of approaches to spirituality will be introduced and evaluated. Theological Emphasis. Prerequisite: BTS 1850.

2530 **C.S. Lewis (4 sh)**
A study of the life and thought of C.S. Lewis. Emphasis will be given to his religious ideas, his understanding of Christian doctrine, and his methods of commending the Christian faith by reason and imagination. Prerequisite: BTS 1850.

2600 **History of the Church (4 sh)** GE
The origin and development of Christianity in the world. Traces the institutional and doctrinal developments within the church from the post-apostolic period to the modern era. Theological Emphasis. Prerequisite: BTS 1850.

2640 **The Western Theological Tradition (4 sh)** GE
A survey of the great Christian thinkers of the West from beginnings to post-modernity. Focus will be placed on distinctly Western forms of Christian thought in the Roman Catholic and Protestant traditions, with some attention to the Anabaptist and Evangelical Covenant communities, as well as to emerging feminist and underrepresented theologies.

2650 **The Eastern Theological Tradition (4 sh)** GE
A survey of the great Christian thinkers of the Eastern (Orthodox) tradition from beginnings to the post-communist era. Focus will be placed on the development of classical Christian faith in the Church Fathers and Ecumencial Councils from the 2nd through 14th centuries, with some attention to contemporary Orthodox thought in the West, including its feminist voices.

2700 **World Religions (4 sh)** GE
Study of the common features and distinctive motifs that characterize some of the main religious traditions151Hinduism, Buddhism, Islam, and others. Emphasis on development of a methodology for reading and interpreting the world's scriptures. Discussion of the relation of Christian to non-Christian religions. Theological Emphasis. Prerequisite: BTS 1850.

2840 **African-American Church History and Religious Thought (4 sh)**
Studies the religious thought of African-Americans employing as a frame of reference the Black Christian church from its beginning during slavery to its maturity in the present day. Includes the ideas of a variety of spiritual leaders such as Jupiter Hammon, David Walker, Marcus Garvey, Father Divine, John Perkins, James Cone, and E.V. Hill. Examines the influence of slavery, emancipation, migration, and White racism on the development of African-American religion. Cross-listed with AS 2840.

3150 **The Book of Psalms (4 sh)**
This course examines the characteristics of Hebrew poetry in order to study the book of Psalms according to literary types. The Psalter in its final form is studied as a coherent whole in terms of its collection and arrangement, and its varied teachings on faith and practice. Selected individual Psalms are studied in detail through exegesis of the English Bible. Biblical Emphasis-Old Testament. Prerequisite: BTS 1850.

3240 **Luke and Acts (4 sh)**
A literary and exegetical study of Luke and Acts, with special attention to historical setting, ecclesiastical purpose, and theology. Biblical Emphasis-New Testament Prerequisite: BTS 1850.

3250 **John (4 sh)** GE
A theological and exegetical study of the texts of the Fourth Gospel and the Epistles of John. Special emphasis on the unique contribution of John to biblical theology (especially Christology, eschatology, and pneumatology). Biblical Emphasis-New Testament Prerequisite: BTS 1850.

3410 **Women, The Bible, and The Church (4 sh)** GE
A study of the Old and New Testament texts that bear on the roles and status of women. This course reflects on a wide range of historical and theological perspectives relevant to the issues of women, the Bible, and the church. Biblical Emphasis-Old and New Testament. Prerequisite: BTS 1850.

3510 **Modern Theologians (4 sh)**
Exploration of recent trends in the thinking of biblical and systematic theologians. Relevance of theology to modern issues. Theological Emphasis. Prerequisite: BTS 1850.

3550 **Philosophy of Religion (4 sh)**
A seminar course on selected problems and topics in the area of philosophy of religion, e.g., the phenomenology of religious experience, the truth of religious belief, the existence and attributes of God. Theological Emphasis. Prerequisite: BTS 1850.

3660 **Spiritual Journey (1 sh)**
This course, typically offered in the fall semester, is an introduction to foundational biblical themes and understandings of Christian spiritual formation with an emphasis on Christian faith as a journey. This course will seek to integrate the individual and communal elements of spiritual formation, and the personal and public character of the Christian life with an understanding of the student's personal formation journey. The intent of the course is practical, experiential and formational. Included in the course will be both a teaching component and formation sessions facilitated by a formation leader. Prerequisite: permission of the instructor. Music in Worship students only.

3661 **Spiritual Practices (1 sh)**
This course, typically offered in the spring semester, introduces students to a variety of classical and contemporary spiritual practices that are meant to invite the student into a deeper sense of God's presence in their interior lives and in the world around them. The biblical and historical contexts for spiritual practices will be explored and discussed in and out of class session. Spiritual practices will include, but are not limited to, biblical prayer, centering prayer, hospitality, praying and working for justice, self-examination and discernment. The intent of the course is practical, experiential and formational. Included in the course will be both teaching component and formation group sessions facilitated by a formation leader. Prerequisite: permission of the instructor. Music in Worship students only.

3670 **Foundations of Christian Worship (3 sh)**
This course introduces students to the interdisciplinary field known as liturgical studies. The course explores the history of Christian worship, liturgical theology, the place of ritual in the life of faith, as well as the application of a praxis-theory-praxis model to the worship concerns of pastoral ministry.

3680 **Foundations of Worship Arts (3 sh)**
This course will consider the use of the arts in worship using historical examples and liturgical theology paradigms. It will provide a background on each of the worship arts; music, drama, dance, visual arts, media and architecture/environment. Each art form will be reviewed with suggestions for resources, opportunities to plan and use the different art forms and frameworks for working together in teams and supervising the worship arts. Criteria for theological, liturgical, and aesthetic assessment will be included. The relationship between pastors, worship leaders and worship arts coordinators and the pastoral aspects of leading worship arts teams will all be considered. The course also includes a significant worship

team planning and worship leading components applied in the context of the seminary chapel.

3910 **Topics in Biblical and Theological Studies (4 sh)**
An intensive investigation of a selected topic in biblical studies, theology, world religions, or philosophical theology. Extensive reading and research expected. Seminar format. Prerequisite: BTS 1850.

3920 **Advanced Topics in Biblical and Theological Studies (1-4 sh)**
This is a topics course allowing the BTS department to grant credit for selected courses taken at North Park Theological Seminary.

4010 **Fourth-Year Seminar in Biblical and Theological Studies (4 sh)**
Limited to fourth-year students majoring in biblical and theological studies, this seminar concentrates on critical reading, writing, and discussion skills. Topics of study will change annually but in each case will explore current research and writing in biblical and theological studies.

4910 **Independent Study in Biblical and Theological Studies (1-4 sh)**
Intensive independent study of a topic chosen in consultation with an instructor in the Department of Biblical and Theological Studies. Student must have consent of instructor and division chairperson.

4970 **Internship in Biblical and Theological Studies (1-4 sh)**
Please refer to Internship section of the catalog for internship requirements and guidelines.

Biology (BIOL)

Bjorkman , Cammarata, Choi, Lin, J. Nelson, Rholl, Schau (chair), Vick

The objectives of the Department of Biology are to provide students with:

- An understanding of living matter in its relation to the inorganic and organic world, and in the variety of forms in which it is manifested,
- An awareness of the complexity of the interactions between organisms and between the living and non-living worlds,
- A sense of the continuity of life,
- An appreciation of what the scientific method can achieve in biology,
- A knowledge of the structure and function of the human body, and
- Understanding of the human role in Christian stewardship of the environment.

A student who successfully meets these objectives will be prepared to:

- Enter graduate or professional programs in biology or the health care professions
- Prepare for teaching biology in secondary or middle schools and to
- Enter careers related to the biological sciences

Major requirements for the B.A. degree in Biology

Required semester hours

36 sh

Prerequisites and supporting courses

CHEM 1150 and 1160; CHEM 2310 or 1021 and 1031

Required core courses

1. The four Introductory Biology courses: 12 sh (BIOL1250, 1260, 1270, 1280).
2. BIOL 3210 or BIOL 3230
3. One of BIOL 3150, 3180 or 3190
4. Upper Division Biology credit 16 sh (courses numbered 2100 or above), 6 upper division courses that could include up to 4 sh of internship and/or independent study
5. No more than a total of 8 sh of the BIOL 2100 or BIOL 4020 can apply to the major.
6. Pass BIOL 4901 - Comprehensive Exam

Notes and restrictions

Biology majors must take a biology comprehensive exam and receive a miminum passing grade during the last year prior to graduation.

Honors

To be accepted into the Biology Honors Program:

1. The applicant must have received credit for three biology courses above BIOL 1280.
2. The applicant must have received credit for one year of General Chemistry.

To complete the Biology Honors program students must:

1. Complete 44 sh of biology, which should include BIOL 1250, 1260, 1270, 1280 or BIOL 1270, 1280, 1350, 1360 and 4 sh of BIOL 4020 (seminar) or the Biology 2100 series (2100-2170), BIOL 2950, and BIOL 4000.
   - A maximum of 4 sh of BIOL 4000 credit can be counted toward the major.
2. Complete the following supporting courses: one year of Organic Chemistry and one semester of Calculus or Statistics.
3. A Biology GPA of 3.50.
4. Completion of 4sh of Directed Research (BIOL 4930) or an internship with a research component.
5. Take the Biology Comprehensive Exam and receive a passing grade at or above the 75th percentile. For general Departmental Honors requirements and BIOL 4000 course description, see appropriate sections of this catalog.

Major requirements for the B.S. degree in Biology

Required semester hours

44 sh

Prerequisites and supporting courses

CHEM 1150, 1160, 2310

Required core courses

1. The four introductory Biology courses: 12 sh (BIOL 1250, 1260, 1270, 1280).
2. BIOL 3210 or BIOL 3230
3. One of BIOL 3150, 3180 or 3190
4. Upper division Biology credit: 24 sh (courses numbered 2100 or above). Eight upper division courses must include 4 sh of internship and/or directed research or honors research.
5. No more than a total of 8 sh of the BIOL 2100 or BIOL 4020 can apply to the major.
6. Pass BIOL 4901 - Comprehensive Exam

Notes and restrictions

Biology majors must take a biology comprehensive exam and receive a minimum passing grade during their last year prior to graduation.

Honors

To be accepted into the Biology Honors program:

1. The applicant must have received credit for three biology courses above BIOL 1280.
2. The applicant must have received credit for one year of General Chemistry.

To complete the Biology Honors program students must:

1. Complete 44 sh of biology, which should include BIOL 1250, 1260, 1270, 1280, and 4 sh of BIOL 4020 (seminar) or the Biology 2100 series (2100-2170), BIOL 2950, and BIOL 4000.
   - A maximum of 4 sh of BIOL 4000 credit can be counted toward the major.
2. Complete the following supporting courses: 1 year of Organic Chemistry and one semester of Calculus or Statistics.
3. A Biology GPA of 3.50
4. Completion of 4 sh of Directed Research (BIOL 4930) or an internship with a research component.

5. Take the Biology Comprehensive Exam and receive a passing grade of at or above the 75th percentile. For general Departmental Honors requirements and BIOL 4000 course description, see appropriate sections of this catalog.

Major requirements for the B.A. degree in Environmental Science

Required semester hours

36 sh

Prerequisites and supporting courses

CHEM 1150, 1160, 2310 or 1021 and 1031, 2510

NPD 2000 Environmental Ethics, BIOL 4950 or equivalent

Required core courses

1. Four Introductory Biology courses: 10 sh (BIOL 1180, 1260, 1270, 1280).
2. 4 sh (BIOL 3180)
3. Upper Division Biology credit 22 sh from the following courses: BIOL 2110, 2115, 2120, 2125, 2130, 2155, 2160, 3150, 3170, 3190, 3200, 3790, 3890, 4950, PHYS 1070
4. Pass BIOL 4901 - Comprehensive Exam

Notes and restrictions

Biology majors must take a biology comprehensive exam and receive a minimum passing grade during the last year prior to graduation.

Major requirements for the B.S. degree in Environmental Science

Required semester hours

44 sh

Prerequisites and supporting courses

CHEM 1150, 1160, 2310, 2510

NPD 2000 Environmental Ethics, BIOL 4950 or equivalent

Required core courses

1. Four Introductory Biology courses: 10 sh (BIOL 1180, 1260, 1270, 1280).
2. 4 sh (BIOL 3180)
3. Upper Division Biology credit 30 sh
   - 4 sh BIOL 4930 or 4970
   - 26 sh from BIOL 2110, 2115, 2120, 2125, 2130, 2160, 3150, 3170, 3190, 3200, 3790, 3890, 4950, PHYS 1070
4. Pass BIOL 4901 - Comprehensive Exam

Notes and restrictions

Biology majors must take a biology comprehensive exam and receive a minimum passing grade during the last year prior to graduation.

Minor requirements in Biology

Required semester hours

26 sh

Required core courses

Required courses:

1. The four introductory Biology courses: 12 sh
2. Upper division Biology credit: 14 sh

A minimum of 8 sh must be chosen from 4 sh Biology courses numbered 2000 or above.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1160 **Microbes and Society (2 sh)** GE
This course will focus on the importance of microbes in our world. Their role in disease, decomposition, biotechnology and products for health will be emphasized. The laboratory will concentrate on microbial identification, role in food production and spoilage, and problem solving ability.

1180 **Introduction to Environmental Science (2 sh)** GE
Survey of fundamental ecological principles supporting human society, Examination of the effect human beings have on the earth's support system and the other living things with which humans share the earth. The role of values and ethical implications of environmental decision-making. Field trips to a variety of urban support systems: water purification, waste treatment, solid waste management. Lab included.

1250 **Introduction to Human Anatomy (4 sh)** GE
Includes structure and organization of human organ systems emphasizing skeletal, muscular, digestive, circulatory, respiratory, nervous, and urogenital systems. Lab included. It is recommened that the student complete one year of high school laboratory science.

1260 **Introduction to Cell Biology (4 sh)** GE
Includes cell systems, cell cycles, cell function, energy relationships and metabolic systems, biological control systems, protein synthesis, genetics. Lab included. It is recommened that the student complete one year of high school laboratory science.

1270 **Introduction to Zoology (2 sh)** GE
Survey of selected invertebrate and vertebrate types. Relationships of organisms with each other and with their environment. Lab included. Prerequisite: BIOL 1250 or 1260.

1280 **Introduction to Botany (2 sh)**
Survey of the plant kingdom from algae to the flowering plants. Basic life processes including photo responses, cellular and plant systems development, reproductive cycles, flowering and fruiting responses. Environmental succession and plant climax communities. Lab included. Prerequisite: BIOL 1250 or 1260.

2100 **Topics in Biology (2 sh)**
Selected topics in biology offered on a rotating basis. Example topics: Phylogenetic Theory, Topics in Physiology, Endocrinology, Virology, Medical Parasitology, Advanced Human Anatomy. Lab included with some topics. Some topics will have prerequisites (see annual class schedule).

2110 **Economic Botany (2 sh)** GE
Influence of plants on human, economic, social, and political history, and the plants people have chosen to protect and cultivate. Numerous field trips include plant production facilities, bakery, commercial greenhouse, apple orchard, farm, and meetings with

resource persons working with cultivated plants. Two one night fieldtrips and weekly lab included.

2115 **Prairie and Ranch Resources (2 sh)** GE
A two week summer field based course taking place on the prairies of central South Dakota. Factors forming and affecting native tall and mid-grass prairie will be examined. The impact of modern row crop and grazing animal agriculture upon prairie resources will be evaluated. Each student will participate in a field ecology assessment of water quality, prairie dog colony, or nesting bird habitat quality. A course trip fee over and above tuition will be assessed. Instructor consent is required.

2120 **Ecology of the Boreal Forest (2 sh)** GE
A two week summer wilderness canoe trip to the Canadian Province of Ontario and its Woodland Caribou Provincial Park. Students will fly by floatplane to an interior lake and wilderness camp and canoe 8 days and travel over 40 miles to be picked up by vehicle at the conclusion of the trip. Forces of fire ecology, environmental factors, indigenous culture, park management, and the impact of modern culture upon the Boreal Forest will be examined and experienced. A course trip fee of $1500 will be assessed. Students need a valid passport. Trip runs from August 14th through August 28th. Instructor consent required.

2125 **Tropical Ecology of Costa Rica (2 sh)** GE
Field based course examining the forces affecting living species in Costa Rica. After a series of weekly on campus meetings to review basic ecology and human culture of Costa Rica, students will travel during spring break for an 8 day field trip to Costa Rica. Traveling by motor coach and boat the course will examine high altitude volcanic effects, mountain tropical forest habitat, and low-land tropical forest along the Pacific Ocean in southwest Costa Rica. A course trip fee over and above tuition will be assessed, a valid passport required. Instructor consent is required.

2130 **Ecology of Iceland (2 sh)** GE
A field based course exploring the forces affecting living species in Iceland. This course is offered during the summer session [May term]. An initial series of on-campus sessions provides preparation for a two week trip to Iceland. The trip will explore areas including the geothermal areas, glaciers, and coastal regions of Iceland. Travel by motor coach will follow the ring road, visiting all major regions of the island. Emphasis will be given to factors such as physical factors of the environment and island biogeography. Expected elements include a whale watching expedition and a visit to a puffin breeding colony. Environmental issues including international fishing, impact of geothermal and hydroelectric energy development, and population genetics will be discussed as they relate to Icelandic and global concerns. A course trip fee over and above tuition will be assessed. Student will need a valid passport. The course may be offered in conjunction with a 2 sh Topics in Physics course. Instructor consent is required.

2155 **Culture and Ecology of Asia (4 sh)** GE
The course is designed to provide students an experiential learning opportunity about the ecology and culture and their interaction in a selected country of Asia. Special focus will be placed on how culture developed in adaptation to the local ecosystem and the environmental issues that the local population currently faces. Interaction with local scholars, experts, and students will provide perspectives. Participation in a trip to a designated country before the semester is required. During the trip, students are required to participate in observation, discussions and related activities.

2910 **Microbiology (4 sh)**
Selected aspects of morphology, classification, physiology, cultivation, and staining of microorganisms; relation of microorganisms to sanitation, agriculture, and industry. Disease production by microorganisms and the role of the immune system in resistance mechanisms. Lab included. Prerequisite: BIOL 1260.

2930 **Advanced Human Physiology (4 sh)**
Structure and function of the circulatory, respiratory, endocrine, muscular, digestive, excretory, and reproductive systems of the body. Lab included. Prerequisite: BIOL 1250.

2950 **Medical Parasitology (2 sh)**
This course emphasizes the geography, life cycles, clinical presentations and impact of parasitic diseases on global health. Protozoans, nematodes, trematodes, cestodes and arthropods will be covered. Students should have completed human anatomy and microbiology prior to this course. Prerequisite: BIOL 1250, 2910.

3010 **Ethics in Biology (2 sh)** GE
This course will focus on how we make ethical decisions in the field of biology. It will be team taught by members of the biology department, and topics will focus on the areas of expertise of instructors (e.g. genetic technologies, medical research/treatment, stewardship of environmental resources, etc.). Coursework will rely on discussion and reflection on these topics using several fields of ethical thought learned in the beginning of the course. A science background is not required, but such knowledge will be helpful for in-depth analysis. Literature research and analysis of a real-world situation will culminate in a final paper and presentation. Prerequisite: Successful completion of Cornerstone Seminar and a WI designated courses, and instructor's consent (Consent based on academic qualifications, applicability, graduation needs, etc.).

3140 **Histology (4 sh)**
Micro-anatomy of vertebrate tissues with emphasis on mammals. Lab included. Prerequisite: BIOL 1250, 1260.

3150 **Biodiversity and Evolution (4 sh)**
This course examines the efforts to understand biological origins and diversity. Patterns and principles of biodiversity and the significance of diversity will be considered. Emphasis will be placed on the principles and process of evolution rather than on the products of evolution. The class will include lecture, discussion, and workshop elements. Prerequisite: BIOL 1250, 1260.

3160 **Exercise Physiology (4 sh)**
Study of human anatomy and physiology with emphasis on neuromuscular and cardiorespiratory systems, stressing the effects of exercise on those systems. Lab included. Cross-listed with EXS 3160. Prerequisite: BIOL 1250.

3170 **Native Wildflowers, Trees and Shrubs of The Great Lakes Region (4 sh)**
A survey of the native spring wildflowers, common trees and shrubs of the Great Lakes Region. Particular attention will be given to the use of taxonomic keys and filed guides in field identification as well as information on the general ecology of each species. Weekly field trips to local and regional forest preserves, natural areas and a weekend field trip to Southern Illinois will be required. Lab included. Prerequisite: BIOL 1280.

3180 **Ecology (4 sh)**
Study of living and non-living factors in biotic communities and their interaction in controlling the structure and development of

various ecosystems. Principles of succession, population dynamics, and conservation. Lab included. Prerequisite: BIOL 1270, 1280.

3190 **Ethology (Animal Behavior) (4 sh)**
An introduction to the study of ethology (animal behavior) with emphasis on the development of behavioral patterns, orientation, maintenance behavior, and social behavior. Three supplemental field trips per term. Lab included. Prerequisite: BIOL 1250, 1270.

3200 **Natural History of the Vertebrates (4 sh)**
This course will focus on the identification, habitat and natural history, and life history of vertebrates. Biodiversity and Strategies for survival are central themes. Fish, amphibians, reptiles, birds and mammals will be included with an emphasis on the vertebrates of North America.

3210 **Genetics (4 sh)**
An introduction to Mendelian and non-Mendelian inheritance patterns as well as molecular genetics and biotechnology. The laboratory includes fruit fly genetics and standard DNA cloning techniques. Prerequisite: BIOL 1260.

3230 **Molecular Biology (4 sh)**
A study of genes and gene regulation of living matter at the molecular level. Particular attention will be given to modern biotechnology, genomics, and gene functions. Prerequisite: BIOL 1260, 2910.

3510 **Embryology (4 sh)**
Germ cell formation, fertilization, cleavage, gastrulation, and organogenesis in vertebrates. Extra-embryonic membranes and their functions. Study of the frog, the chick, and the pig. Lab included. Prerequisite: BIOL 1250, 1260, 1270.

3530 **Neuroscience Systems (4 sh)**
Topics included but not limited to neuroanatomy of the central and peripheral nervous systems, and the neural networks of motor/sensory pathways, special senses, movement, language, emotion, and memory. Relevant diseases and conditions corresponding to the topics covered will also be discussed. Laboratory included during the lecture meeting times. Prerequisite: BIOL 1250, 2930

3610 **Medical Microbiology (2 sh)**
Identification of pathogenic organisms. A study of infectious diseases caused by these organisms. A study of the major antimicrobial agents used for the treatment of the common microbial diseases. Interpretation of laboratory tests used to identify pathogenic organisms. Lab included. Prerequisite: BIOL 1250, 1260, 2910.

3620 **Immunology (2 sh)**
A detailed study of the immune system, stressing its role in protecting humans from the pathogenic microbes. The problems associated with hypersensitivity, immunodeficiency, and autoimmunity will be covered. The basis of clinically important immunological tests used in the diagnosis of infectious diseases will be presented. Lab included. Prerequisite: BIOL 1250, 1260, 2910.

3790 **Advanced Topics in Botany (3 or 4 sh)**
Advanced topics in botany, taught at the Morton Arboretum through the ACCA Botany Consortium. Topics include medical botany, plant-soil associations, fungi, horticulture, woody plants of the Western Great Lakes Region and plant-animal associations. Students must provide their own transportation to the Arboretum. Lab included. Prerequisite: BIOL 1280.

3890 **Marine and Aquatic Biology (4 sh)**
Advanced topics in marine and aquatic biology. May include extended field trips using the research facilities of the Shedd Aquarium. Topics with field trips may have enrollment restrictions and require special application and approval. Extended field trips will incur additional expense. Topics may include: introduction to marine biology, and field research in Bahamian reptiles. Some topics may require additional prerequisites or instructor approval. Repeatable. Taught at Shedd Aquarium. Lab included. Prerequisite: BIOL 1270, 1280.

4000 **Departmental Honors in Biology (4 sh)**
Honors Independent Study in Biology. Lab included.

4020 **ACCA Seminar (1 sh)**
Discussion of current topics in selected areas of biological research. Held at various ACCA (Associated Colleges of the Chicago Area) Institutions. These seminars are coordinated by professors from member schools and utilize research specialists form the Chicago area as speakers. Student must be of third or fourth year standing.

4901 **Biology Comprehensive Exam (0 sh)**
Comprehensive examination of major requirements.

4930 **Directed Research in Biology (2-4 sh)**
This course is open to Biology majors with at least a GPA of 2.5 in at least 20 semester hours of Biology taken at North Park. Students will work under the direction of a faculty mentor on a novel research project. Permission of the faculty mentor and the departmental chairman is required prior to enrollment in this course. A maximum of 4 sh may be taken.

4950 **AuSable Institute of Environmental Studies (4-8 sh)**
Courses and field work at the Au Sable Institute in Michigan. Course topics include Land Resources, Natural Resources, Ethnobotany and Ecological Agriculture, Field Botany, Animal Ecology, Water Resources, Aquatic Biology, and Ecology of the Indian Tropics. Lab included. Departmental approval required.

4970 **Internship in Biology (1-4 sh)**
On-site apprenticeship in area business or organization. A maximum of 4 semester hours of credit can count toward the major. The student must have completed at least 16 sh of credit in biology and have a GPA of at least 3.00 in Biology. Departmental approval required. Please refer to the internship section for additional requirements. Lab included with some topics.

Business and Economics (BSE)

Lindahl (dean), Born, Farruggia, Fitzgerald, Gavoor, Hicks, Hubbard, Kamienski, Marsh, Schilling, Sundholm,

The School of Business and Nonprofit Management offers a single major (Business and Economics) with several relevant concentrations (Accounting, Economics, Finance, International Business, Management, Marketing, and Sports Management).

The courses required for the Bachelor of Arts provide the core for the Bachelor of Science, which also requires the selection of one or more concentrations.

Students planning an advanced career in business or management are strongly encouraged to complete the Bachelor of Science program, including an internship experience in their field of interest.

Students intending to sit for the CPA exam should consider North Park's BS/MBA option for completing the 150-semester hour requirement for the exam (see School of Business and Nonprofit Management graduate program description for more information).

Students preparing for graduate school are encouraged to complete the Bachelor of Science with a concentration in the particular area for which they seek the graduate degree.

For admittance into the major, an overall GPA of 2.50 is required. A GPA of 2.50 is also required for the four business courses to be taken prior to application to the major (BSE 2110, 2211, 2310, 2610). Additionally, students must earn a minimum grade of C- in each of these four courses.

Students transferring courses into the major from outside North Park must still take at least one half of the required courses in their degree program at North Park. For example, students earning a Bachelor of Arts degree must take 20 semester hours in the major at North Park. Students need not retake a similar course at North Park to fulfill the requirement, but may take any courses with a BSE designation.

Students are also required to have a minimum grade of C- in any major course beyond the initial four courses. A GPA of 2.50 in the major courses is required for graduation from the university with this major. Students dropping below 2.50 in the major are required to meet with their advisor to develop a plan to repeat courses to bring up their GPA before taking additional courses. The dean of the School of Business and Nonprofit Management must approve the plan. Students failing to complete their plan successfully are subject to dismissal from the major.

Students begin their program with macroeconomics in order to gain an understanding of the context of business and economics and complete their program with comprehensive courses in leadership/management and strategic management.

Guiding Principles:

- To prepare students for service and significance in the fields of business and nonprofit management.
- To develop intellectual curiosity.
- To enable students to make ethical decisions.
- To develop analytical and quantitative skills.
- To develop learning disciplines and critical thinking skills
- To develop written and oral communications skills.
- To prepare students for life-long learning.

Major requirements for the B.A. degree in Business and Economics

Required semester hours

40 sh

Prerequisites and supporting courses

COMM 1910, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3520, 4520, NONP 2710

Notes and restrictions

Students are strongly encouraged to complete an internship (BSE 4970).

Major requirements for the B.S. degree in Business and Economics (with a concentration in Accounting)

Required semester hours

68 sh

Prerequisites and supporting courses

COMM 1910, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3110, 3120, 3130, 3150, 3160, 3170, 3520, 4520, NONP 2710, SBNM 5120, 5121, 5130

Notes and restrictions

Students planning to take the CPA exam are required to complete 150 sh and are encouraged to the B.S./M.B.A. program. Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

5000 level courses are from the graduate program, requiring 3.0 GPA and senior status.

Major requirements for the B.S. degree in Business and Economics (with a concentration in Economics)

Required semester hours

56 sh

Prerequisites and supporting courses

COMM 1910, MATH 1510, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3210, 3220, 3250, 3520, 4520, NONP 2710, SBNM 5211, 5220, 5230

Notes and restrictions

Students planning to pursue graduate study in economics are advised to consult with their advisor and to plan additional courses in computer science, math, and statistics. Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

5000 level courses are from the graduate program, requiring 3.0 GPA and senior status.

Major requirements for the B.S. degree in Business and Economics (with a concentration in Finance)

Required semester hours

66 sh

Prerequisites and supporting courses

COMM 1910, MATH 1510, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3110, 3210, 3220, 3310, 3330, 3350, 3520, 4520, NONP 2710

Notes and restrictions

Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

Major requirements for the B.S. degree in Business and Economics (with a concentration in International Business)

Required semester hours

52 sh

Prerequisites and supporting courses

COMM 1910, PHIL 2530, STAT 1490,

Foreign Study Experience (4-6 sh)

The equivalent of 2 years of college foreign language (either course-work or placement test)

Two of the following: POGO 2200, 2300, 3210, 3370, 3390, SOC 2500, 3300, 3610, 3800, SPAN 2130

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3130, 3330, 3520, 3650, 4520, NONP 2710, SBNM 5211

Notes and restrictions

Upon acceptance into the concentration, students will meet with their advisor to set up plans for the international study abroad. An international internship is the recommended experience. This is defined as working, studying, or interning in a foreign setting. Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

5000 level courses are from the graduate program, requiring 3.0 GPA and senior status.

Major requirements for the B.S. degree in Business and Economics (with a concentration in Management)

Required semester hours

54 sh

Prerequisites and supporting courses

COMM 1910, PHIL 2530, STAT 1490

Two from the following: SOC 1910, 2150, 3010, 3080, PSYC 1000, 2200, 3100, 3200

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3510, 3520, 3530, 4520, NONP 2710

SBNM 5010, 5030, 5041 (from the graduate program, requiring a 3.0 GPA and senior status)

Notes and restrictions

Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

Major requirements for the B.S. degree in Business and Economics (with a concentration in Marketing)

Required semester hours

60 sh

Prerequisites and supporting courses

COMM 1910, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 3520, 3610, 3620, 3630, 3640, 3650, 4520, NONP 2710

Select two from the following: BSE 3510, 3622 or SBNM 5520 (from the graduate program, requiring a 3.0 GPA and senior status)

Notes and restrictions

Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

Major requirements for the B.S. degree in Business and Economics (with a concentration in Sports Management)

Required semester hours

52 sh

Prerequisites and supporting courses

COMM 1910, EXS 1400, PHIL 2530, STAT 1490

One from the following: EXS 1610, 2290, or 2950

Required core courses

BSE 2110, 2120, 2211, 2212, 2310, 2510, 2520, 2540, 2610, 2810, 3520, 3830, 3840, 4520, NONP 2710 Notes and restrictions

Students are required to complete an internship (BSE 4970) or to provide documentation of other work experience.

Minor Requirements in Business and Economics

Required semester hours

22 sh

Required core courses

BSE 2110, 2211, 2310, 2610, 3520, NONP 2710

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

2110 **Financial Accounting (4 sh)**
A study of generally accepted accounting principles and techniques for measurement and reporting of financial information in a balance sheet, income statement and statement of cash flows. It includes an introduction to analysis and interpretation of financial data for decision-making purposes. Optional Co-requisite: BSE 2211.

2120 **Managerial Accounting (2 sh)**
A study of managerial accounting concepts relevant to decision-making. Topics include cost accounting systems, the nature of costs, standard costs, and budgeting. Prerequisite: BSE 2110.

2211 **Principles of Macroeconomics (4 sh)** GE
An introduction to basic economic concepts and models. An aggregate and analytical view of economic analysis focusing on national income, employment, the price level, and economic growth. The theory of income determination, fiscal policy, monetary policy, and the international economy. Current issues and policies in macroeconomics including studies on labor force and job structure. Historical review and development of economic doctrines. Co-requisite: BSE 2110.

2212 **Principles of Microeconomics (4 sh)**
Development of the fundamental analytical tools of microeconomics analysis. Presentation of the concepts of the market, consumer behavior and the behavior of the firm. The theory of production and cost, market structures, and distribution theory. Current issues and policies related to exchange and resource allocation, decisions on choice and income distribution in markets. Historical perspectives on income distribution, and industry structure. Prerequisite: BSE 2211.

2310 **Foundations of Finance (4 sh)**
An introduction to finance. The study includes a discussion of basic concepts, including accounting statements, security markets, interest rates, taxes, risk analysis, time value of money, and the basics of security valuation. It includes how financial managers can help maximize their firm's values by improving decisions in such areas as capital budgeting, choice of capital structure, and working capital management. Prerequisite: BSE 2110.

2510 **Operations Management and Information Technology (4 sh)**
This course uses the scientific method to find and solve problems in the operations of a for-profit or nonprofit organization. Mathematical models are used to measure and analyze problems dealing with efficiency. Topics include: 1) statistics 2) forecasting 3) linear programming 4) project management and 5) quality. This quantitative course helps the student to become an agent for change within our society's global or local organizations. Prerequisite: BSE 2211, STAT 1490.

2520 **Business Law (2 sh)**
The legal process surrounding civil dispute resolution, including intentional torts, negligence, and ethical standards. Introduction to contracts, mutual assent, contractual capacity, and Uniform Commercial Code. Will also focus on the relationship of principal and agent; duties, rights, and liabilities of partnerships; the nature, formation, and powers of corporations. Prerequisite: BSE 2211.

2540 **Business Communication (2 sh)**
This course emphasizes the importance of communicating in the workplace. Emphasis will be placed on multiple modes of communication; written, oral, non-verbal, and other visual modes. The processes of imparting and receiving information will be explored. Business writing, personal interviewing, resume writing, the use of visual aids, and professional presentation methods are practiced. Ethical behavior in communications is examined. Prerequisite: BSE 2211.

2610 **Foundations of Marketing (4 sh)** GE
An introduction to the marketing function in private and public organizations, designed to provide students with an overview of marketing concepts, tools, and methods of analysis. The course takes a practical, managerial approach to managing the marketing process. Steps in the marketing process, including market research, segmentation, targeting, positioning, the four P's (product, place, price, promotion) are explored, along with concepts of customer value and satisfaction, competitive analysis, brand strategy, consumer behavior, advertising, and the impact of the internet on marketing strategy and implementation. Concurrent enrollment in BSE 2211 is an option. Prerequisite: BSE 2211.

2810 **Introduction to Sports Management (4 sh)**
This course introduces and discusses the meaning of sport management in terms of its scope, principles, issues and future trends. In addition, the course examines the job responsibilities and competencies required of sport managers in a variety of sports or sports-related organizations in a hope to have the student become acquainted with the role of sport administrators as well as the career opportunities within the industry. Finally, the course provides the student with an overview of the different issues sports managers will be faced with such as: consumer behavior, public relations, budgeting, facility and event management. Prerequisite: BSE 2211; may take concurrently.

3110 **Intermediate Accounting I (4 sh)**
Application of accounting theory and concepts to financial accounting. Focuses on the conceptual framework underlying financial accounting, measurement and recognition of assets and liabilities. Prerequisite: BSE 2110.

3120 **Intermediate Accounting II (4 sh)**
A continuation of the application of accounting theory to financial accounting. Topics include the complexities involved in revenue recognition, including accounting for leases, income taxes, pensions and accounting changes and errors. Prerequisite: BSE 3110.

3130 **International Accounting (2 sh)**
Description of differences in national financial reporting regimes in various developed and emerging economies and the current state of international accounting standards. Topics will include accounting problems related to multi-national business such as foreign currency translation. Course is offered every other year. Prerequisite: BSE 2110.

3150 **Individual Tax Accounting (2 sh)**
A study of the political, economic and social influences on federal income tax legislation. The course covers decisions related to individual taxation, including income, deductions, property transactions and employee tax issues. Prerequisite: BSE 2110.

3160 **Auditing (4 sh)**
A study of generally accepted auditing standards, audit procedures, internal control procedures, professional ethics, auditors' legal

responsibility, working papers, and report writing. Course is offered every other year. Prerequisite: BSE 3120.

3170 **Advanced Accounting Topics (4 sh)**
A study of special accounting topics including consolidations and mergers, governmental and nonprofit accounting. Course is offered every other year. Prerequisite: BSE 3120.

3210 **Intermediate Microeconomics (4 sh)**
Intermediate microeconomics focusing on resource allocation and price determination in markets. Analyzes consumers and business firms as decision-making units. Emphasis on mathematical methods including calculus and optimization techniques. Applications of contemporary economic analysis related to business decisions. Prerequisite: BSE 2212, MATH 1510, STAT 1490.

3220 **Intermediate Macroeconomics (4 sh)**
The analysis of the aggregate economy. Presentation of national income accounting and the theory of income determination. Macroeconomics model building using IS and LM, theories of investment, growth, and the international economy. Economic fluctuations, monetary theory and policy, and fiscal policy. Mathematical applications and analysis of current data. Application and analysis for business decision-making. Prerequisite: BSE 2212, STAT 1490, MATH 1510.

3250 **Development of Economic Thought (4 sh)**
Presents the development of economic analysis. Relates economic conditions and the role of economic thought in historical context. Evaluates schools of economic thought, Mercantilism, Physiocracy, Classicism, and Keynesianism. Primary sources are used to present significant writers, such as Adam Smith, David Ricardo, J.S. Mill, and J.M. Keynes. Current writers and topics of debate including unemployment, labor markets, inflation, income, and economic growth are analyzed. A service learning project is included which provides the basis for application of economic concepts to solving contemporary problems. This project also provides the opportunity for research and data collection. Prerequisite: BSE 2212.

3310 **Investments and Portfolio Management (4 sh)**
This course is about investing in securities. It is aimed at providing a comprehensive introduction to the areas of investments and portfolio management. It approaches investing as a rational decision-making process in which the investor attempts to select a package or portfolio of securities that meets a predetermined set of goals. These investor goals are expressed in terms of return and the degree of uncertainty about the return or risk. More return is desirable; more risk is undesirable. Prerequisite: BSE 2310.

3330 **International Finance (4 sh)**
In this course we are concerned with financial management in an international setting. We are living in a highly globalized and integrated world economy. American consumers routinely purchase from foreign companies. People from around the world, in turn, purchase American-made products. In the financial markets, there have been developments that allow for integration. This allows investors to diversify their portfolios internationally. This global shift is in marked contrast to twenty years ago. The students of today must understand international finance to compete in the marketplace. Prerequisite: BSE 2310.

3350 **Advanced Finance (4 sh)**
This course covers advanced topics necessary for corporate financial management. Topics will include capital budgeting, capital structure decisions, initial public and follow-on equity offerings, dividend payout policy, corporate governance structure, and mergers and acquisitions. Students will calculate firm valuations using multiple approaches. Skill development will include the construction of pro-forma excel models to be used in strategic decision-making. Prerequisite: BSE 2310.

3510 **Public Relations & Corporate Communication (2 sh)**
This course covers public relations and corporate communications strategies. Topics include agency management, crisis strategies, personnel strategies, branding, and ethics. Analysis and writing of print, electronic and oral messages to achieve organizational objectives i.e., writing backgrounders, boiler plates, fact sheets, press releases, speeches, newsletters, brochures, feature stories, annual reports and into bytes. Prerequisite: BSE 2610.

3520 **Principles of Management and Leadership (4 sh)** GE
The roles of change leadership, managing people and strategic thinking are examined from the perspective of Whole Systems Theory. Particular attention is paid to issues of gender and cultural diversity, the ethics of power and political influence, the use of teams as an organizational unit, the necessity of excellence in staffing, and the appropriate posture toward employment termination. Students must be of Junior or Senior status. Prerequisite: BSE 2110, 2211, 2610; BSE 2310 or NONP 3300.

3530 **Small Business Management and Entrepreneurship (4 sh)**
Application of management concepts and techniques to the small firm. Special attention will be given to the particular nature, opportunities, needs, and problems of small manufacturing, wholesale, retail, and service firms. Topics include comparison of similarities, differences, and relations between small and large firms; the role/skills of the entrepreneur, the impact of small firms on the economy; intrapreneurship in larger firms, evaluation of business ideas and target markets; issues and methods of starting a small firm; risk and venture management for small firms, and venture financing. The course culminates with the oral and written presentation of a business plan for a new or existing small business. Students must be of Junior or Senior status. Prerequisite: BSE 2110, 2310, 2610.

3610 **Marketing Research and Consumer Behavior (4 sh)**
An introduction to marketing research strategies and consumer behavior models. Students identify consumer needs and desires. Qualitative research techniques: research design, sampling, statistical analysis, focus group interviews, demographic analysis, sensory and perpetual analysis, attitude analysis, and psychographics are investigated. Prerequisite: BSE 2610, STAT 1490.

3620 **Integrated Marketing Communication Strategy (4 sh)**
An analysis of marketing communication with an emphasis on business communication. Marketing decisions concerning message design, target markets, and media audiences. Evaluation of media vehicles, perceptual, social, cultural, and technological determinants of message and writing form, style, and content. Prerequisite: BSE 2610.

3624 **Integrated Marketing Communication Execution (4 sh)**
Advanced study of the creative advertising process, both theoretical and practical. The development of creative strategies for products and services, demonstration of copy platforms, review of various execution approaches, and instruction in writing skills needed for the development of headlines, subhead, body copy and scripts. Advertisements, including rough layouts and storyboards, are crafted. Students develop and prepare creative portfolios in preparation for entering the creative areas of the advertising industry. Prerequisite: ART 2080, BSE 2610, BSE 3620.

3630 **Marketing Channels and Supply Chain Management (2 sh)**
An analysis of marketing channels as systems of interrelated and interdependent organizations engaged in marketing goods and services to industrial, institutional, or household consumers. Behavioral dimensions of channel relations such as communication procedures, roles of channel members, and conflicts within the distribution network are discussed. Construction of effective and efficient distribution networks of manufacturers, wholesalers, retailers, transportation, and Internet based firms are emphasized. In particular, this course focuses on retail management and Internet marketing management. Prerequisite: BSE 2610.

3640 **Brand Management and New Product Development (4 sh)**
Students develop and evaluate a marketing plan for a product or service. Identifying markets, estimating demand, determining budgets, and evaluating the effectiveness of programs are emphasized. Creating product concepts; managing products through the product life cycle; understanding portfolio analysis; developing policies for pricing, advertising, sales marketing channels, and customer relations are discussed. Prerequisite: BSE 3610, 3620, 3630.

3650 **International Marketing (2 sh)**
Challenges facing companies that enter and operate in foreign markets. International marketing objectives, strategies, and policies are investigated, with an emphasis on foreign market selection. Corporate adaptation of products, distribution channels, and communications to fit each foreign market is addressed. Prerequisite: BSE 2610.

3830 **Sports Finance and Operations (4 sh)**
This course is designed to inform and educate the student on issues within finance, accounting and risk management applied to managers of sports organizations. Included are forms of ownership, taxation, financial analysis, fund-raising, licensing and current legal issues. Prerequisite BSE 2110, 2120, 2310, 2510, 2520, 2810.

3840 **Sports Marketing and Sales (4 sh)**
This course focuses on the strategic role of marketing programs and sales techniques in generating sports business revenue. Through application of specific marketing tools and frameworks, students will gain skills necessary to: identify revenue-generating opportunities, develop criteria to compare and analyze alternatives and lastly, make strategically sound business decision in the sports business context. Prerequisite: BSE 2610.

3910 **Topics in Business and Nonprofit Management (2 or 4 sh)**
An intensive investigation of a selected topic in business, economics or nonprofit management. Extensive reading and research expected. Seminar format. Prerequisite: BSE 2211.

3920 **Advanced Topics in Business (1-4 sh)**
This is a topics course allowing the School of Business to grant undergraduate credit for selected graduate courses taken through SBNM.

4520 **Strategic Management (4 sh)**
This is the capstone course of the undergraduate business curriculum. As such it will synthesize the various disciplines of management and address the overall determination of strategic direction for the business organization. The student will begin by investigating the basics of human behavior in organizations and apply this theory to the organizational decision making process. Emphasis will be on the five steps of strategic management; mission determination, environmental analysis, organizational analysis, strategy selection and organizational implementation. Students will have an opportunity to participate in a computer simulation of a business organization, which requires them to synthesize the various disciplines they have studied throughout their undergraduate curriculum. Prerequisite: BSE 2110, 2120, 2211, 2212, 2310, 2540, 2610, 3520. Co-requisite: BSE 2510, 2520, PHIL 2530.

4910 **Independent Study in Business and Economics (1-4 sh)**

4970 **Internship in Business and Economics (1-8 sh)**
The Internship Program provides an opportunity for students to gain hands-on experience and to explore career options in their chosen field. The student earns a minimum of 1 semester hour for their internships. A maximum of 8 semester hours may apply toward graduation. The internship program is open to any North Park student who has completed at least one full year of study at North Park, has third- or fourth-year status and has a minimum GPA of 2.5 in their major. In addition, the student must apply and be accepted by a faculty sponsor and the Internship Committee. The faculty sponsor will monitor the student's progress throughout the internship, including meeting periodically with the student and maintaining contact with the site supervisor. During the course of the internship, interns must fulfill certain requirements. Interns will keep a daily journal of their activities throughout the internship. The faculty sponsor and the site supervisor may, at their discretion, assign certain reading materials to the intern. In addition, the faculty sponsor may assign a final paper. Finally, the intern must work for a minimum of 15 hours per week for one semester. Tuition is charged at the same rate as for other courses, based on the number of semester hours the student is requesting. Grading for all internships is Pass/Fail. Prerequisite: BSE 2110, 2211, 2310, 2540, 2610.

4971 **Documented Work Experience (0 sh)**

Chemistry (CHEM)

Rienstra-Kiracofe (chair), Larraza, Vazquez

The mission of the chemistry department is to prepare students for lives of service to God and significance in the world through the knowledge and skilled practice of chemistry. Chemistry students will develop an appreciation for the role chemistry plays in the world and will be prepared for careers as responsible citizens in chemical industry, health sciences, education, or governmental service either immediately upon graduation at North Park University or after further study in graduate or professional school programs.

Core Values of the Chemistry Department at North Park University

- Our chemistry students are knowledgeable: Each chemistry major will master fundamental chemistry concepts in the areas of general chemistry, organic chemistry, analytical chemistry, and physical chemistry.
- Our chemistry students are skilled: Each chemistry major will master fundamental laboratory skills, including observation, analysis, and manipulation of chemical reactions and processes in the general chemistry, organic chemistry, analytical chemistry, and physical chemistry settings.
- Our chemistry students are citizens: Each chemistry major understands the critical role chemistry plays by: serving to protect the world's environment, improving the quality of human health, and furthering technological advances by discovering new uses for chemicals and their reactions.
- Our chemistry students are responsible chemists: Each chemistry major understands the importance of participating in the greater scientific community of chemists and contributing to this community through teaching, conferences, research, and publication.

Major requirements for the B.A. degree in Chemistry

Required semester hours

34 sh

Prerequisites and supporting courses

MATH 1150 required. PHYS 1210 and 1220 or PHYS 1110 and 1120 and/or MATH 1510 and 1520 are recommended.

Required core courses

CHEM 1150, 1160, 2310, 2320, 2410, 3010, 4020

Electives

8 additional semester hours in Chemistry numbered 2000 and above and 4 additional hours in Chemistry number 3000 and above.

Honors

For Departmental Honors in Chemistry students are required to take CHEM 4000 (4 sh) in addition to the requirements listed above. For general Departmental Honors requirements and CHEM 4000 course description, see appropriate sections of this catalog.

Major requirements for the B.S. degree in Chemistry

Required semester hours

38 sh

Prerequisites and supporting courses

PHYS 1210 and 1220 or 1110 and 1120; MATH 1510 and MATH 1520.

Required core courses

CHEM 1150, 1160, 2310, 2320, 2410, 3010, 3250, 3260, 4020.

Electives

8 additional semester hours in Chemistry numbered 2000 and above.

Honors

For Departmental Honors in Chemistry students are required to take CHEM 4000 (4 sh) in addition to the requirements listed above. For general Departmental Honors requirements and CHEM 4000 course description, see appropriate sections of this catalog.

Minor requirements in Chemistry

Required semester hours

24 sh

Required core courses

CHEM 1150, 1160, 2310, and 2320.

Electives

8 semester hours numbered 2000 or higher

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1011 **Survey of Chemistry (2 sh)** GE
Basic laws and concepts of chemistry, applications are directed primarily to inorganic compounds. Designed for non-physical science majors. Does not fulfill chemistry requirements for biology majors or the prerequisites for medical schools. Four hours lecture and two hours laboratory per week.

1021 **Survey of Organic Chemistry (2 sh)** GE
A survey of the major functional classes of organic compounds including structure, nomenclature, properties, and reactions. Includes an introduction to the classes of natural products. Four hours lecture and two hours laboratory per week. Student must have completed one year of high school general chemistry. Prerequisite: CHEM 1011 or one year of high school general chemistry.

1031 **Survey of Biochemistry (2 sh)**
A survey of chemistry of cellular compounds. Introduction to the different classes of biochemicals. Introduction to bioenergetics and enzymology and to the major pathways of cellular chemical events. Four hours lecture and two hours laboratory per week. Prerequisite: CHEM 1021.

1150 **General Chemistry I (4 sh)** GE
A presentation of the basic laws of chemistry with emphasis on stoichiometry, atomic and electronic structure, bonding, and the states of matter (gas, liquid, solid, and solution). Properties and reactions of some elements and simple compounds are used to exemplify the principles. Chemistry I and II form a year's sequential study of the principles of chemistry with applications describing elements and compounds and their reactions. This sequence meets the needs of students majoring in the physical and biological sciences. Four hours lecture and two hours laboratory per week. Prerequisite: MATH 1005 or higher.

1160 **General Chemistry II (4 sh)**
Continuation of Chemistry I with emphasis on the energy changes associated with transformations of matter, kinetics of reactions, and the equilibrium considerations associated with reactions. General reactions of metals and non-metals and their compounds are also considered (includes an introduction to coordination compounds). Four hours lecture and two hours laboratory per week. Prerequisite: CHEM 1150 and MATH 1010 or higher.

2160 **Inorganic Chemistry (4 sh)**
A study of the periodic trends and relationships of the elements and their compounds. Discussion of the atomic and molecular structures, and how these give rise to the periodic relationships. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 1160.

2310 **Organic Chemistry I (4 sh)**
The chemistry of carbon compounds. Properties, synthesis, and reactions of saturated, unsaturated, and aromatic hydrocarbons, with emphasis on modern theoretical, mechanistic interpretations. Introduction to oxygen containing compounds. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 1160.

2320 **Organic Chemistry II (4 sh)**
Continuation of organic Chemistry I, emphasizing carbonyl and nitrogen containing compounds. Determination of molecular structure via IR, UV, NMR, and mass spectral methods. Introduction to the structure and properties of natural products and biomolecules. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 2310.

2410 **Analytical Chemistry (4 sh)**
A study of equilibrium with special emphasis on acid-base, oxidation-reduction, and heterogeneous ionic equilibria. The laboratory is aimed primarily at developing quantitative, laboratory skill. Three hours lecture and six hours laboratory per week. Prerequisite: CHEM 1160.

2510 **Introductory Environmental Chemistry (4 sh)** GE
A survey of the chemistry of the earth's environment, including atmospheric chemistry, pollution and the greenhouse effect, renewable energy, hazardous and nuclear waste and water pollution. The ethical and moral responsibilities of humans to the environment are also discussed. Four hours lecture and two hours laboratory per week. Prerequisite: CHEM 1160. Co-requisite: CHEM 1031 or 2310.

3010 **Chemistry Ethics, Skills & Professional Practices (2 sh)** GE
A seminar designed to help students acquire: 1) essential chemistry information technology skills, including use of electronic databases and mastery of chemistry-related software; 2) an understanding of how chemistry research is funded, conducted, and published; and 3) an appreciation of the ethics, responsibilities, and expectations of professional chemists in a global society.

3250 **Physical Chemistry: Thermodynamics and Kinetics (4 sh)** GE
Kinetic theory of gases and the elements of thermodynamics applied to physical and chemical systems, including solutions and reactions. Fundamentals of reactions kinetics, including the study of catalysis, reaction mechanisms, and transition state theory applied to unimolecular and bimolecular reactions. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 1160 and MATH 1520.

3260 **Physical Chemistry: Quantum Chemistry and Spectroscopy (4 sh)** GE
A study of the fundamentals of quantum mechanics applied to atoms and molecules. Applications to spectroscopy, including the study of lasers. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 1160 and MATH 1520.

3330 **Biochemistry (4 sh)**
A study of the chemistry of biological compounds. Structure and properties of all classes of biomolecules. Interaction of biomolecules via catabolic generation of phosphate bond energy, and the utilization of this energy in biosynthesis. Four hours lecture and three hours laboratory per week. Prerequisite: CHEM 2320.

3910 **Topics in Chemistry (2-4 sh)**
A study of selected topics in chemistry. Format may be an in-depth study of a selected area of chemistry or coursework off campus through Associated Colleges of Chicago Area (ACCA) chemistry cooperative courses. Laboratory work may be included, depending on topic. Student must be advanced standing in the department or have consent of instructor.

4000 **Departmental Honors in Chemistry (4 sh)**
Honors study in chemistry. Students will complete a special project consisting of either 4 sh advanced reasearch extending a previous CHEM 4930 project or 4 sh of an unique departmental service project that promotes chemistry to the North Park campus or local community. Requires submission of a formal, oral report at the annual North Park Undergraduate Research Symposium and/or a local or national chemistry conference. Prerequisite: A 3.50 grade point average and departmental approval. Prerequisite: CHEM 2320, 2410.

4020 **Chemistry Seminar Series (0 sh)**
A series of seminars by chemical professionals, faculty, and students participating in undergraduate research. Provides students with exposure to current research topics in chemistry. One hour biweekly seminar, repeatable. Pass/fail. Cannot be used as a major elective course. Prerequisite: CHEM 1160.

4930 **Directed Research (2-4 sh)**
An introduction to chemical research. Student will work under the direction of a faculty mentor on a novel research project. Permission of the faculty mentor is required prior to enrollment in this course. Course may be repeated.

4970 **Internship in Chemistry (1-4 sh)**
An on-site experience in industry. Recommended for BS Chemistry students interested in obtaining placement in the field after graduation.

Chinese (CHIN)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Chinese I (4 sh)** GE
Introduction to elementary Mandarin Chinese pronunciation, grammar, and culture, along with an introduction to pinyin and a few Chinese characters. Topics include greetings, numbers, time, and several useful phrases. Particular emphasis on speaking and listening. The course is intended for students with no prior knowledge of Mandarin. No credit for CHIN 1010 will be granted to students who have completed more than two years of high school Chinese within the last five years.

1020 **Basic Chinese II (4 sh)** GE
Continuation of CHIN 1010. Introduction to elementary Mandarin Chinese pronunciation, grammar, and culture, along with an introduction to pinyin and a few Chinese characters. Topics include weather, shopping, and dining. Particular emphasis on speaking and listening. Prerequisite: CHIN 1010.

Communication Arts (COMM)

Hostetter(chair), Bergman, Haefner, C. Peterson, Trujillo

Communication Studies Major:

The purpose of the Communication Studies major is to enable students to learn the theory, analysis and practice of human communication in a variety of contexts. A major in Communication Studies develops an understanding of interpersonal, intercultural, and group relationships; the role of media in society; the spiritual roots of communication; and the role of communication in conflict and social transformation. Students develop skills in critical analysis, effective writing, speaking, and relationship building.

Students prepare for a variety of careers, including journalism, public relations, business and nonprofit management, law, event planning, social services, and human resources. Students are encouraged to enhance their preparation through one of the many internship possibilities offered in Chicago.

Major requirements for the B.A. in Communication Studies

Required semester hours

36 sh

Required core courses

1910, 2010, 2030, 2150, 2350, 2810, 2070 or 2080 and 2085, 3490, 3910, 4010 (2 times).

Notes and restrictions

To be accepted into the major and to enroll in courses beyond the introductory level, students must pass COMM 2010 - Introduction to Communication Theory with a grade of C or better.

General Education

COMM 2350 - Intercultural Communication fulfills the General Education requirement in Culture and Society. Students are encouraged to register for COMM 2140, 2240, or 2250 to fullfill the the General Education requirement in Art & Aesthetic Interpretation. See the General Education Program section of the catalog for more information.

Honors

For Departmental Honors in Communication Studies, the prospective student's proposal must be submitted by May 1 of the student's third year, with the work commencing in the fall semester of the fourth year. Students should enroll in COMM 4000 for 8 sh: 4 sh fall semester and 4 sh spring semester. For general Departmental Honors requirements and description of COMM 4000, see appropriate sections of this catalog.

Special programs

Internships: Outstanding internships are available every year in nonprofit organizations, public relations, and other areas. Students are urged to arrange an internship with the department and the Career Planning Office.

International Communication: Students can participate in a number of study abroad options. Please contact the Office of International Student Services.

Minor requirements in Communication Studies

Required semester hours

20 sh

Required core courses

COMM 2010

Electives

16 sh of electives, including at least 8 sh at the 3000 level

Notes and Restrictions

- Students must submit to the department a list of courses taken to complete the minor.
- Students completing a minor in Communication Studies must turn in a portfolio to the chair of the department containing the following:
  1. A statement of their specific goals upon entering the program
  2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
  3. Two samples of student work from each course: completed: projects essays or exams.

Media Studies Major:

The Media Studies major provides students with opportunities to learn the theory, analysis and practice of media. Students develop media literacy in preparation for careers as professional communicators and lifelong media consumers. Students work with Chicago-area professionals to learn digital audio and video production to prepare for work in documentary, feature film, journalistic and social media. Campus publications offer journalistic experience and the Los Angeles Film Studies Center offers filmmaking opportunities. As a major media environment, Chicago offers students outstanding internships in media production.

Major requirements for the B.A. in Media Studies

Required semester hours

36 sh

Required core courses

2150, 2250; either 1910, 2140 or 2240; 3100, 3450, 3480, 4010 (2 times).

Elective courses

16 sh of writing and production courses including a minimum of 2 hours of production courses from 2155, 2175, 2355 and 3355; and a minimum of 4 hours in writing from 3310, 3320, 3321, 3330, 3331.

Notes and restrictions

To be accepted into the major and to enroll in courses beyond the introductory level, students must pass COMM 2150 - Introduction to Media Theory with a grade of C or better.

General Education

COMM 2250 - Film Studies fulfills the General Education requirement in Art & Aesthetic Interpretation. Students are encouraged to register for COMM 2350 to fullfill the the General Education requirement in Culture & Society. See the General Education Program section of the catalog for more information.

Honors

For Departmental Honors in Media Studies, the prospective student's proposal must be submitted by May 1 of the student's third year, with the work commencing in the fall semester of the fourth year. Students should enroll in COMM 4000 for 8 sh: 4 sh fall semester and 4 sh spring semester. For general Departmental Honors requirements and description of COMM 4000, see appropriate sections of this catalog.

Special programs

Internships: Outstanding internships are available every year in media studies related fields. Students are urged to arrange an internship with the department and the Career Planning Office.

Los Angeles Film Center: Offered through the Coalition for Christian Colleges and Universities, the LAFSC is located in Hollywood, Calif., and offers a one-semester program for upper-division students who are interested in the mainstream Hollywood film industry. The program includes 10 sh of course work and 6 sh of internship. Students must apply both to North Park and LAFSC. See the department chair for further information.

Minor requirements in Media Studies

Required semester hours

20 sh

Required core courses

COMM 2150

Electives

16 sh of electives, including at least 8 sh at the 3000 level

Notes and Restrictions

- Students must submit to the department a list of courses taken to complete the minor.
- Students completing a minor in Media Studies must turn in a portfolio to the chair of the department containing the following:
  1. A statement of their specific goals upon entering the program
  2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
  3. Two samples of student work from each course: completed: projects essays or exams.

Theatre & Performance Studies Major:

The North Park University Theatre & Performance Studies major provides students with opportunities to learn the theory, analysis, and practice of two theatre and performance models: the Chicago urban storefront model and performance studies for social change.

The storefront model prepares students to be effective theatre artists in small and unique spaces. Performance studies encompasses the performance of literature, storytellling and performance for conflict transformation and social change - from the local, Chicago scene to global contexts. Together, these models lay the groundwork for an art and faith dialogue in an environment that urges students to live lives of significance and service.

On campus, students will be engaged in all aspects of performing, directing, writing, designing and building. In the Chicago area, one of the most dynamic theatre and performance arenas in the country, students will be expected to enhance their preparation through one of many internship possibilities.

Major requirements for the B.A. in Theatre & Performance Studies

Required semester hours

36 sh

Required core courses

1610, 2140, 2240, 2330, 2340, 3320, 3410, 3430, 3910, and 4010 (2 times); one from 2310, 2320, 3230 or 3240

Notes and restrictions

To be accepted into the major and to enroll in courses beyond the introductory level, students must pass COMM 2140 - Introduction to Theatre with a grade of C or better.

General Education

COMM 2140 - Introduction to Theatre and COMM 2240 - Introduction to Performance Studies fulfills the General Education requirement in Art & Aesthetic Interpretation. Students are encouraged to register for COMM 2350 to fullfill the the General Education requirement in Culture & Society. See the General Education Program section of the catalog for more information.

Honors

For Departmental Honors in Theatre & Performance Studies, the prospective student's proposal must be submitted by May 1 of the student's third year, with the work commencing in the fall semester of the fourth year. Students should enroll in COMM 4000 for 8 sh: 4 sh fall semester and 4 sh spring semester. For general Departmental Honors requirements and description of COMM 4000, see appropriate sections of this catalog.

Special programs

Internships: Outstanding internships are available every year in theatre and performance related fields. Students are urged to arrange an internship with the department and the Career Planning Office.

Minor requirements in Theatre & Performance Studies

Required semester hours

20 sh

Required core courses

COMM 2140, 2240

Electives

12 sh of electives, including at least 8 sh at the 3000 level

Notes and Restrictions

- Students must submit to the department a list of courses taken to complete the minor.
- Students completing a minor in Theatre & Performance Studies must turn in a portfolio to the chair of the department containing the following:
  1. A statement of their specific goals upon entering the program
  2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
  3. Two samples of student work from each course: completed projects essays or exams.

1610 **Theatre Production (2 sh)**
TPS - An introduction to principles and skills for designing stage scenery, costume and lighting.

1910 **Public Speaking (4 sh)**
CS - An introduction to the theory and practice of public speaking. Topics include types of speeches, types and uses of source material, organization, performance, and speech criticism.

2010 **Introduction to Communication Theory (4 sh)** GE
CS - Introduction to theories of verbal and nonverbal human communication. Topics include intra- and interpersonal communication, communication in small groups, in organizations, and at the levels of public and mass communication. Required for admission to the Communication Studies concentration, and a prerequisite for most upper-level courses in that concentration.

2030 **Interpersonal Communication (4 sh)** GE
CS - The theory, analysis, and practice of communication in the development, maintenance, and decay of interpersonal relationships. Topics include verbal and nonverbal communication, perceptual accuracy, and effective listening. Prerequisite: COMM 2010.

2070 **Group Communication (4 sh)** GE
CS - An investigation of the principles and methods of small group communication, emphasizing decision making, problem solving, group structure, leadership, group dynamics, and effective group process. Prerequisite: COMM 2010.

2080 **Communicating Friendship (2 sh)**
The purpose of this course is to provide students with greater understanding of the relationship between communication and friendship. Topics will include uncertainty reduction, interpersonal attraction, self-disclosure, conflict, and the centrality of friendships in our lives across time.

2085 **Family Communication (2 sh)**
The purpose of this course is to provide students with greater understanding of the communication process in the family setting. Topics to be addressed include dating, marriage, childrearing, conflict, divorce, remarriage, single parenting, and communication across the lifespan of the family.

2110 **Performance of Literature (2 sh)**
An introduction to presentational approaches to interpreting texts through performance, with an emphasis on the analysis and staging of fiction.

2130 **Storytelling (2 sh)**
An introduction to storytelling as a crucial way of knowing, and as a central means of creating personal and social realities. Emphasis on the solo performance of folktales, everyday stories, personal narratives, and ethnographic stories from various cultural groups in Chicago.

2140 **Introduction to Theatre (4 sh)** GE
TPS - An introduction to theater as an art form with an emphasis on acting, directing, play analysis, and the collaborative process of theater production. Required for admission to the Theatre and Performance Studies concentration, and a prerequisite for most upper level courses in that concentration.

2150 **Introduction to Media Theory (4 sh)**
CS, MDIA - A study of the history of the various media of mass communications. The course includes the development of print, radio, television, film, and internet. Required for admission to the Media Studies major, and prerequisite for most upper-level courses in the major.

2155 **Audio Production I (2 sh)**
MDIA - The course will teach the basic skills for producing, recording, and editing a variety of material(music, voice) using a Pro Tools digital audio workstation. The course also covers basic principles of acoustics, and the basic laws of physics that affect sound. Prerequisite: COMM 2150.

2175 **Audio Production II (2 sh)**
MDIA - Advanced projects in audio production. Prerequisite: COMM 2150, 2155.

2240 **Introduction to Performance Studies (4 sh)** GE
TPS - This course is an introduction to the field of performance studies. The course will include aesthetic performances (literature, theatre, art, dance, and visual media), ethnographic performances (personal narratives and narratives of others), and other cutural sources. We will explore the relationship of performance studies to related fields, while placing an emphasis on performance and social change. We will attend live performances in Chicago.

2250 **Film Studies (4 sh)** GE
MDIA - An introduction to film as art, business, and cultural force. It examines the Hollywood paradigm as the dominant form of storytelling in Western movies; explores the artistic elements involved in filmmaking; and examines major cultural issues reflected in film narratives. Students attend a major international film festival in Chicago.

2310 **Theater Design: Lighting & Sound (2 sh)**
An introduction to principles and skills for lighting and sound design. Take COMM-1610;

2320 **Theatre Design: Scenic & Costume (2 sh)**
An introduction to principles and skills for scenic and costume design. Prerequisite: COMM 1610.

2330 **Acting I (4 sh)**
TPS - Establishes the foundation of acting technique through the genre of realism. Prerequisite: COMM 2140.

2340 **Directing I (4 sh)**
TPS - Introduction to staging a play. Students conceive, workshop, and execute a short one-act play. Prerequisite: COMM 2140.

2350 **Intercultural Communication (4 sh)** GE
CS - An introduction to major topics, major theories and direct experience of inter-cultural communication. Through readings, discussion, exercises and field trips, students prepare for encounters with different cultures.

2355 **Video Production 1 (Field Production) (4 sh)**
MDIA - The production of documentary film using techniques of field production and linear video editing. Prerequisite: COMM 2155.

2650 **Scandinavian Film (2 sh)**
A survey of films from Denmark, Norway and Sweden, with a critical analysis of actors and directors, narrative style, structure and content, social context and history. COMM 2250 is strongly recommended.

2750 **Latin America on Film (2 sh)**
A study of recent films about Latin American experience, the influence from and resistance to the Hollywood model of filmmaking by Latin American directors, and other critical issues concerning cultural diversity, national identity, class, gender, religion, and politics. Films will be shown with original languages and English subtitles. COMM 2250 is strongly recommended.

2810 **Critical Reading, Writing and Analysis (4 sh)** GE
CS - A writing course providing a review of writing basics, such as sentence structure and grammar, and emphasizing critical thinking and analysis. Prerequisite: COMM 2010.

3090 **Shakespeare (4 sh)**
TPS - A study of Shakespearean drama, including selected comedies, tragedies, and romances. Cross-listed with ENG 3090.

3100 **Foundations of Media Industries (2 sh)** GE
MDIA - This course addresses the development of major U.S. media industries, including newspapers, magazines, radio, television, the Internet, and social media. It focuses on the impact of media innovations on culture, and the ways established media adapt to innovations. Prerequisite: COMM 2150.

3200 **Ibsen & Strindberg (4 sh)** GE
TPS - Analysis of representative plays of Scandinavia's two internationally significant dramatists. Cross-listed with SCAN 3200.

3230 **Acting II: Special Topics (2 sh)**
TPS - Extends acting techniques learned in Acting I with a focus on Shakespeare and other classical styles improvisation, and stage combat. May be repeated for credit. Prerequisite: COMM 2140, 2330.

3240 **Storefront Theatre Practicum: Special Topics (0-2 sh)**
TPS - Extends skills developed in other courses in the Theatre and Performance Studies curriculum and develops material for the One-Act Festival. May be repeated for 0, 1 or 2 credits. Prerequisite: consent of instructor.

3310 **Media Writing (4 sh)**
MDIA - The study and practice of writing in various television and video formats, including news, commercials, public service announcements, and documentary scripts. Emphasis on journalistic writing for televisual media. Prerequisite: COMM 2150.

3320 **Dramatic Writing I (4 sh)** GE
MDIA, TPS - The study and practice of dramatic writing for theater and film. Focus on the writer's process, character development, story structure, and the completion of a one-act play or a short screenplay. Cross-listed with ENG 3320. Prerequisite: COMM 2140, 2150 or 2250.

3321 **Dramatic Writing II (4 sh)** GE
MDIA, TPS - Advanced study in writing the full-length stage play or full-length screenplay. Prerequisite: COMM 2140, 2150 or 2250.

3330 **Journalism (4 sh)** GE
MDIA - The study and practice of various forms of journalistic writing. Prerequisite: COMM 2010 or 2150.

3331 **Multi-Media Journalism (4 sh)** GE
MDIA - A laboratory-oriented newspaper reporting and editing course that utilizes the student newspaper (both print and online editions) as a hands-on learning environment for print, broadcast and web-based platforms. Students will be assigned specific stories and will write for the paper while also shooting and editing stories for the paper's website and creating a news blog. Field trips and outside speakers will provide direct exposure to the profession. Prerequisite: COMM 2010 or 2150 and 3330.

3355 **Video Production II (New Media) (4 sh)**
MDIA - Develops skills in the production of digital media for the internet and other new media. Prerequisite: COMM 2150, 2355.

3410 **World Theater and Drama I (4 sh)** GE
TPS - A study of the religious, political, and cultural sources of theatre; how theatre practice and dramatic literature developed in the Western tradition from the ancient Greeks through the medieval Christian, Renaissance and Neo-Classical periods, with a brief introduction to Asian and African performance traditions. Will attend performances in the Chicago area. Prerequisite: COMM 2140.

3430 **World Theater and Drama II (4 sh)** GE
TPS - A study of plays, theatrical practice, and theory from the nineteenth century to the present. Special emphasis on contemporary issues, postmodern and post-colonial forms, performance art and the theatricalization of news, politics, and other aspects of contemporary culture. Will attend performances in the Chicago area. Prerequisite: COMM 2140.

3450 **Media and Society (4 sh)**
MDIA - A study of the interaction of mass communication and society. Emphasis on critical and cultural theory, the interplay of programming, business, politics and other aspects of American culture. May include field trips to television stations. Prerequisite: COMM 2150.

3480 **Media Ethics (2 sh)**
MDIA - Using case studies, this course explores a range of ethical issues confronted by media practitioners. A moral reasoning process is used to evaluate conflicting values, apply ethical theories, and evaluate to whom ethical loyalty is due. Prerequisite: COMM 2150.

3490 **Rhetorical Theory and Analysis (4 sh)** GE
CS - An introduction to the theory and practice of rhetorical criticism, from classical to contemporary perspectives, including the analysis of a variety of contemporary public discourses. Prerequisite: COMM 2010. Strongly recommend: COMM 1910.

3510 **Inside Hollywood (1-10 sh)**
Los Angeles Film Studies Center. Offered through the Christian College Coalition, the LAFSC is located in Hollywood, CA, and offers a one-semester program for upper-division students who are interested in the work and workings of the mainstream Hollywood film industry.

3520 **Screenwriting (3 sh)**

3530 **Faith, Film and Culture (3 or 4 sh)**

3540 **Intro to Filmmaking (3 sh)**

3545 **Hollywood Production Workshop (3 or 4 sh)**

3550 **International Communication (4 sh)**
MDIA - An examination of international mass media, including concentration of ownership, internationalization, diversification, New World Information Order, satellites, shortwave radio, film, and television. Prerequisite: COMM 2010, 2150 or consent of instructor.

3910 **Topics (4 sh)** GE
Advanced seminars which examine broad issues in communication, media and performance studies. Recent Topics courses include: International Conflict Transformation, Political Communication, Intercultural Theatre and Film and Social Movements. Students

will be expected to synthesize and extend their earlier work in this department. Prerequisite: COMM 2010, 2140 or 2150.

4000 **Departmental Honors Communication Arts (4 sh)**
CS, TPS - Honors students will write a major paper and/or produce a project at the honors level and make an oral presentation of the project at a Spring Honors Symposium.

4010 **Professional Seminar (0 sh)**
Occasional gatherings, approximately four each semester, will enable students to complete departmental portfolios, and develop plans for post-graduate professional or educational work. Open to all students in the department. All upper-level students in the department must register for two semesters.

4910 **Independent Study in Communication Arts (1-4 sh)**
Available to majors who seek to enhance course offerings with an in-depth study of a selected topic. Independent studies usually do not substitute for major requirements or departmental course offerings, but do count toward the total hours needed to graduate.

4970 **Internship in Communication Arts (1-4 sh)**
Students are urged to take advantage of oustanding Chicago-area interships to develop skills, academic and professional interests. Internships may not substitute for major requirements or departmental course but do count toward the total hours needed to graduate. Please refer to the Internship section of the catalog for internship requirements and guidelines.

Computer Science and Information Systems (CSIS)

Minor requirements in Information Technology

Required semester hours

20 sh

Prerequisites and supporting courses

MATH 1410

Required core courses

CSIS 1210, 1220, 2230, 3310, 3410

1010 **Introduction to Personal Computing and the Internet (4 sh)**
An introduction to computing concepts, to how computers work, and to the use of Windows 7 and Office 2010, including a laboratory component. Video documentaries about the beginning history of computing devices, the development of the personal computer, and the creation of the Internet. Ethical and moral issues relating to individual, commercial, and social effects of computers and networks

1210 **Computing Science I (4 sh)**
Top-down structured design and programming in a high level language such as Python. Topics including arithmetic, control structures, strings, functions, arrays, input/output, and introduction to objects. Prerequisite: CSIS 1010 or Consent of Instructor.

1220 **Computing Science II (4 sh)**
Introduction to the elements of computing processors: bits, bytes, memory, arithmetic, digital logic, and the components that comprise a central processing unit. Programming in the machine language and assembly language using the fundamental control structures. Prerequisite: CSIS 1210.

2230 **Object Oriented Programming (4 sh)**
Continuation of CSIS 1220. Object-oriented design and programming in Java, covering objects, classes, methods, inheritance, polymorphism, and dynamic binding, with emphasis on practical applications of these concepts. Graphic user interface class libraries. Ethical issues in information technology. Prerequisite: CSIS 1220. Co-requisite: MATH 1410.

3120 **Computer Architecture (4 sh)**
Digital logic and digital systems. Machine level representation of data and assembly level machine organization. Memory system organization and architecture. Interfacing and communication. Functional organization and performance enhancements. Multiprocessing and alternative architectures. Prerequisite: CSIS 1220.

3250 **Data Structures and Algorithms (4 sh)**
Fundamental programming constructs and data structures. Algorithms and problem solving. Recursion. Event-driven programming. Basic algorithm analysis. Software design. Using APIs. Software tools and environments. Software requirements and specifications. Prerequisite: CSIS 2230.

3310 **Data Communications, Networks and the Internet (4 sh)**
Introduction to network technologies and software, as well as to the Internet and the World Wide Web. Fundamentals of data, signals, and media. LAN basics, internetworking, software and support systems. Intranets and the Internet. Network design, management and security. Prerequisite: CSIS 1220.

3410 **Databases and Information (4 sh)**
Introduction to database design and management. Information collection and retrieval. SQL and the relational model. Normalization issues. Logical design and physical design. Distributed databases and the Internet. Such application packages as Access and Oracle. Prerequisite: CSIS 1220.

3510 **Operating Systems Programming (4 sh)**
Introduction to systems-level programming in a variety of environments such as Unix/Linux and Windows. Scripting languages. Prerequisite: CSIS 1220.

3910 **Topics in Computer Science (4 sh)**
An in-depth treatment of selected computer science or information system topics. Consent of instructor required.

4910 **Independent Study in Computer Science and Information Systems (1-4 sh)**

4970 **Internship in Computer Science and Information Systems (1-4 sh)**
Please refer to the appropriate section in the catalog for internship requirements and guidelines.

Conflict Transformation Studies (CTS)

R. Hostetter (co-director), M. Trujillo (co-director)

In fulfillment of the university's mission and vision, the mission of the Conflict Transformation Studies major (CTS) is to prepare students for nonviolent peacebuilding and conflict transformation in local, national, and international contexts. Students will develop interdisciplinary skills for analyzing the root causes of particular conflicts; integrate theory and practice, including spiritual resources, for conflict transformation; and seek to understand the root causes of protracted conflicts, and to work for their transformation through sustainable justice, peace and reconciliation processes (conflict transformation). Students majoring in Conflict Transformation Studies may consider careers in community organization, mediation, teaching, international mission work, community activism/organizing, interfaith dialogue facilitation, and youth ministry; in fields such as restorative justice, violence reduction, community arts programming, negotiation, labor relations, not-for-profit leadership, UN and other nongovernmental peacebuilding, human rights, government agencies, environmental advocacy, peace and conflict research, and graduate work. The program welcomes students from all backgrounds to examine the theory, analysis, history, religions, and cultures involved in generating both conflict and transformational peacebuilding. The program is built on a "flexible structure," which includes choosing supporting courses in the Core Cirriculum Program, completing a core of five courses for all majors and minors, and creating an interdisciplinary concentration which connects core courses to the student's interest in a particular discipline, topic, type of activity, or career goals.

Major requirements for the B.A. degree in Conflict Transformation Studies

Required semester hours

36

Supporting courses: Students will choose three of the following courses to meet Core Curriculum requirements, a minimum of 12 hours:

1. COMM 2350 Intercultural Communication (4)
2. One BTS course (4) focused on social justice and conflict transformation:
3. BTS 2120 Old Testament Prophets; BTS 2700 World Religions; or BTS 3910 Political Theologies.
4. One Keystone course (4) focused on social justice issues, peacebuilding, or other other courses related to conflict analysis and conflict transformation. See a CTS advisor for a current list of Keystone courses related to the CTS major.

Required core courses (24 sh):

CTS 3000, 3100, 3200, 3300, 3400, 4000, 4970

Electives

(12 sh): see Concentration (below)

Notes and restrictions:

- Concentration and Capstone Project: In consultation with an advisor in this major, students will design a capstone project which includes:

  A written application for the major and a plan for the Concentration (12 sh), Internship (2-4 sh), and Capstone (2 sh).) Concentrations may be focused around a type of conflict or conflict transformation, a particular conflict, a region, and/or other appropriate topics, such as: urban conflict transformation, restorative justice, the arts and conflict transformation, human rights, international conflict, conflict and environmental studies, racial justice, women and peacebuilding, economic justice, and more. For students with a double major, no more than eight hours may be cross-listed. Eight of the 12 hours must be at the 3000 level.

Minor requirements in Conflict Transformation Studies

CTS 3000, 3100, 3200, 3300, 3400

3000 **Introduction to Conflict Transformation (4 sh)**
This is an introduction to the practice and philosophy of nonviolent conflict transformation. The course assumes that conflict is a normal part of our daily lives, with both constructive and destructive potential. Students will learn introductory skills in conflict analysis and conflict transformation, including theories, methods, and practices for conflict transformation and peacebuilding; examine their own approaches to conflict; meet North Park faculty and others working in the broad field of conflict transformation; and develop a deeper understanding of the role of the arts and spirituality for conflict transformation, including the interplay of justice, truth, forgiveness, and peacebuilding.

3100 **Conflict and Community (4 sh)**
This course is designed to integrate various definitions of peace and community into a practical outcome. Students will identify their own approaches to conflict, assess their strengths and needed areas of growth, and apply learned strategies to ending violence in Chicago. Specifically, students will be involved in all areas of planning, development, and production of a major community conference during the spring semester. Areas of collaboration with community organizations will include fundraising, public relations, community outreach, conference logistics, and facilitation.

3200 **Mediation (4 sh)**
This course provides students with both theoretical and practical knowledge of mediation. Through case studies and other readings, experiential exercises, guest presentations, and lectures, students will be introduced to the practice of mediation in interpersonal, intercultural, and organizational contexts. Students will also examine issues of ethical relevance to the practice of mediation. Upon completion of this course, students will have the skills to conduct mediations. However, this course is not designed to certify participants for specialized mediation services such as court-mandated mediation or arbitration.

3300 **Performance and Social Change (4 sh)**
The goals of this course are: to develop skills, competencies, and points of view needed to create ethnographic performances-through engagement with theory, research, field work, empathy, advocacy for social justice, and writing for performance; to learn several models for connecting performance and social change; and to develop and present a performance for social change. Recent research topics have included immigration experiences and peacemakers in Chicago.

3400 **International Conflict Transformation (4 sh)**
An introduction to the theory, analysis, and practice of nonviolent, international conflict transformation through one or more international case studies. This course will enable students to develop a wide range of skills for analyzing specific international conflicts, to understand the role of non-government mediators in international conflict transformation, and to explore their own possible calling to conflict transformation. Theory and analysis will be drawn from the

fields of peace and conflict studies, global studies, communications, cultural studies, religious studies, the arts, and media studies. The course includes guest presentations, role plays, and field trips. The course may involve an international trip to one or more conflict zones.

3910 **Topics in Conflict Transformation (1-4 sh)**
Variable credit may be given for short-term seminars, study trips, service-learning and experimental courses.

3920 **Topics in Graduate Studies Topics in Conflict Transformation (1-4 sh)**
Undergraduate registration for graduate courses in other North Park programs, such as the School of Business and Nonprofit Management and North Park Theological Seminary.

4000 **Conflict Transformation Capstone (2 sh)**
Students will synthesize their coursework and practical experience, and complete their Concentration and Capstone project. Research projects may vary widely in topic and form, and may include research papers, performances, original art work, ethnographic work, advocacy work, international research, or some combination. At the end of the semester, students will present their research to each other and invited guests. Students will also write a reflective essay, summarizing and analyzing what they have learned and how they plan to pursue this work after graduation.

4970 **Internship in Conflict Transformation (1-4 sh)**
Working with an advisor from the CTS program, students will complete 2 sh (or more) credits of internship experience. Students will be expected to integrate CTS theory and practice, including: description of concrete experience; reflection on the experience; generalizations about the experience; connections to the student's concentration; how the experience has affected the student; and how the internship has promoted conflict transformation in a particular arena or context. Internships will be arranged with organizations such as World Relief (Chicago), Chicago Coalition for the Homeless, Refugee One, Albany Park Neighborhood Council, Albany Park Theatre Project, Interfaith Youth Corp, Parliament of the World's Religions, World Vision, Chicago Center for Conflict Resolution, Community Renewal Society, Eighth Day Center for Justice, and many others.

5000 **Introduction to Conflict Transformation (4 sh)**
An introduction to conflict studies and the philosophy and practice of conflict transformation, this course begins with the premise that conflict is part of our daily lives-an important dynamic in personal growth and social transformation, as well a source of alienation, violence and war. The course examines major sources of conflict, introduces a range of conflict management and conflict transformation processes, including active listening and communication, storytelling, mediation, negotiation, role playing and forgiveness, helps students assess their own approach to conflict, and offers resources for faith-based approaches to conflict transformation. Required for admission to the CTS Certificate Program and upper-level CTS courses.

Core Curriculum (CORE)

The North Park Dialogue program is built around some of the most powerful and compelling questions that humankind has ever faced. "Who am I?" and "Why should I be ethical?" are the centerpieces of the first- and second-year Dialogue courses. In the third year, students join the rest of the North Park community as they explore topics such as "Who is my neighbor?", "Who is God?", and "What is truth?"

Reflecting on these questions, which have formed the cornerstone of philosophical, theological, and ethical inquiry for centuries, North Park students not only become an active part of scholarly tradition, they also develop key critical thinking skills and insights necessary for successful and meaningful lives. Through opportunities to respond in writing and discussion, to the important issues at the heart of the curriculum, students explore their own beliefs, deepen their own commitments, and find new ways of expressing ideas and thoughts to others.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1000 **Cornerstone Seminar (4 sh)** GE
The First-Year Seminar is an interdisciplinary seminar focused on the classic philosophical question, Who am I?. Students gain an introduction to the educational experience at North Park and sharpen skills of oral and written communication. Grade of C- require to complete course. Prerequisite: WRIT 1000 with a minimum grade of C- or registration by placement.

3000 **Keystone Seminar (4 sh)** GE
In the Capstone Seminar students join the entire campus community in examining one of several annual theme questions. These interdisciplinary seminars allow students to integrate their own intellectual interests into their understanding of the world and their place in it. Note: While these courses may be cross listed in a major department students must register for CORE 3000 to meet the requirement. A student may not receive credit for Keystone Seminar and credit in the major.

Departmental Honors Program

The Departmental Honors program is designed to challenge North Park's most talented and motivated students to achieve at the highest level in their major fields. The requirements of this program are:

- A minimum overall GPA of 3.5 and a minimum major GPA of 3.7 for admission and retention in the program.
- A minimum of 45 and a maximum of 90 semester hours earned at the time of admission into the program.
- A grade of A or B in 3-8 semester hours of DH 4000, which requires a paper or project at honors level.
- Presentation of the DH 4000 paper or project at a Spring Honors Symposium.
- Departmental approval.

For additional requirements, specific to a particular major, see departmental descriptions. Applications for admission may be obtained from the department chair.

Each department that offers an honors option will list a course with its own prefix and the catalog number 4000.

Education (EDUC)

Nelson (dean), Balodimas-Bartolomei, Johnson, Laukaitis, Levandowski, Maduram, Majerczyk, Pryor, Zervas

The North Park University School of Education prepares competent, respectful, and reflective professionals who are dedicated to serving diverse learning communities.

The strategic location of North Park University permits the students to complete clinical experience in public, private, urban, and suburban schools.

The following programs received continued approval of the Illinois State Educator Preparation and Licensure Board and the Illinois State Board of Education (ISBE): Early Childhood; Elementary; Secondary Education: Biology, Chemistry, Economics, English, History, Mathematics, Political Science and Physics; Special K-12: Art, French, Music, Physical Education, and Spanish. The Illinois State Board of Education determines the rules and requirements for educator licensure in Illinois. In order to ensure that candidates meet all state requirements at the time they complete the program and apply for a Professional Educator License, The School of Education reserves the right to modify the course of study for the approved licensure programs outlined in the university catalog.

Early Childhood/Elementary Education Majors

Full admission into the early childhood and elementary education majors is based on:

- Formal application to the School of Education when enrolled in EDUC 2120
- An overall GPA of 2.5
- Completion of Professional Term A
- Positive recommendations from School of Education Faculty
- Approval by the Teacher Education Screening Committee
- Meeting the Illinois test of basic skills requirement (passing the Test of Academic Proficiency or using the ACT or SAT in lieu of the TAP)
- Completion of TB clearance
- Successful results of criminal background check

Candidates are required to pass the the Illinois Test of Basic Skills or its equivalent prior to full admission into the Teacher Education Program. The Content Area Test must be passed prior to student teaching. An Assessment of Professional Teaching (APT) test must be passed prior to receiving a teaching license.

Once admitted to the Teacher Education Program, candidates also meet benchmark assessments at key transition points. Candidates meet the benchmarks for dispositions during Professional Terms A, B, C, and D. Candidates meet the benchmarks for their portfolio assessment in Professional Terms B, C, and D. These benchmark assessments are described fully in the School of Education's Teacher Education Handbook. Students are expected to complete all course requirements including field clinical experiences.

International students may major in either Early Childhood or Elementary Education. In order to complete the requirements for the Teacher Education Program and graduation, all candidates must have a social security number in order to register for state tests and to complete the licensure process.

All professional education and content-area coursework that forms part of an application for licensure, endorsement, or approval that is received by ISBE on or after February 1, 2012, must have been passed with a grade no lower than C or equivalent in order to be counted toward fulfillment of the applicable requirements.

If a student requests teacher licensure after graduation, he/she will need to either retake Practicum C: Mini Teaching or Practicum D: Student Teaching after the 2 state exams are passed successfully. (Passing of the Illinois test of basic skills or its equivalent is required for Mini-Teaching and the Early Childhood/Elementary Content Area Test is required for Student Teaching).

Early Childhood Licensure Program

This program is designed for students who are planning to teach children from birth through the early primary grades leading to an Illinois Professional Educator license in the state of Illinois. In addition to the early childhood major, an expanded general education package and one 18 semester hour "endorsement" or one 28 semester hour concentration is required.

The curriculum is sequenced in four professional terms:

Professional Term A: EDUC 2120, 2130, 2140, 2145

Professional Term B: EDUC 2300, 3340, 3345, 3370, 3430, and 3510

Professional Term C: Preschool: EDUC 3180, 3330, 3360, 3520 (1 sh Preschool; 1 sh Elementary), and 3930

Professional Term D: EDUC 3130, 4100 (4 sh), 4110 (4 sh), and 4600

Elementary Education Certification Program

This program is designed for students who are planning to teach children in self-contained, early primary grades through intermediate grades and to obtain an Illinois Professional Educator License.

The curriculum sequence is sequenced in four professional terms:

Professional Term A: EDUC 2120, 2130, 2140, 2145

Professional Term B: EDUC 3011, 3260, 3270, 3340, 3345, 3370, 3430 and 3510

Professional Term C: EDUC 3230, 3240, 3280, 3310, 3380 and 3520

Professional Term D: EDUC 3130, 4110 (8 sh) and 4600

General Education Courses For Early Childhood and Elementary Education Majors

Students are advised to consult with their Education advisor to identify the classes that most appropriately helps address State Standards.

Math 1030 is a required course for all Early Childhood and Elementary Education Majors. This fulfills the Mathematics General Education requirement.

The equivalent of two semester hours of written communication is integrated across North Park Dialogue 1 and 2.

Academic Area Of Concentration

In addition to requirements in education, students must complete an 18 semester hour area of concentration from the categories listed below or a student may complete a second major, following the major requirements contained elsewhere in this catalog. Students are advised to work with department and education advisors in selecting appropriate courses.

1. Art
2. English

- Literature
- Writing

3. Foreign Language
   - French – Consult both the Education and the Departmental advisor for appropriate coursework.
   - Spanish – Consult both the Education and the Departmental advisor for appropriate coursework.
   - Swedish – Consult both the Education and the Departmental advisor for appropriate coursework.
4. Mathematics
5. Music
6. Philosophy
7. Sciences
   - Biology
   - Chemistry
   - Physics
8. Social Science
   - Economics
   - History
   - Political Science
   - Psychology
   - Sociology
9. Theater

Honors in Early Childhood Education and Elementary Education

For Departmental Honors in Early Education or Elementary Education, 8 sh of EDUC 4000 are required in addition to the hours stated for certification. Students must apply for admission into the program during the first semester of their third year. For honors in these majors, students must present their papers or project to the faculty of the Education department. For general departmental honors requirements and description of EDUC 4000, Departmental honors in Education (1-4 sh), see later pages in this section.

Optional Bilingual Education Endorsement:

EDUC 3540, 3602, 3604, 3605, 3606, and 3607.

Candidates seeking the Bilingual Education endorsement need to pass the appropriate ISBE language proficiency test.

Optional English as a Second Language (ESL) Endorsement:

EDUC 3540, 3601, 3602, 3603, 3604, and 3605.

Optional Combined Bilingual/English as a Second Language (ESL) Endorsement:

EDUC 3540, 3601, 3602, 3603, 3604, 3605, 3606 and 3607

Candidates seeking the Bilingual Education Endorsement need to pass the appropriate ISBE language proficiency test.

Optional Learning Behavioral Specialist I Endorsement:

EDUC 3430, 3431, 3436, and 3437

Candidates seeking the LBS1 Endorsement need to pass the appropriate ISBE content area tests.

Secondary Education Major Program

The secondary education major is a second major only. No student may graduate from North Park University with secondary education as his or her only major.

The secondary education major leads to teacher licensure. In order to be licensed for secondary education in Illinois, a candidate must complete a state approved program in a specific content area. Currently, North Park's approved programs in the content areas noted below are the equivalent of the North Park departmental major (with certain additional courses for core standards and some exceptions as noted in the university catalog) combined with School of Education courses for the secondary education major.

A secondary education major without a content-area major would not lead to state licensure. As a result, students may not graduate from North Park with secondary education as their only major.

Full admission into the secondary education major is based on:

- Formal application to the School of Education when enrolled in EDUC 2120
- An overall GPA of 2.5
- Completion of Professional Term A
- Acceptance into appropriate major
- Positive recommendations from School of Education Faculty
- Approval by the Teacher Education Screening Committee
- Meeting the Illinois test of basic skills requirement (passing the Test of Academic Proficiency or using the ACT or SAT in lieu of the TAP)
- Completion of TB clearance
- Successful results of criminal background check

Candidates are required to pass the Illinois Test of Basic Skills or its equivalent prior to full admission into the Teacher Education Program. The Content Area Test must be passed prior to student teaching. An Assessment of Professional Teaching (APT) test must be passed prior to receiving a teaching license.

Once admitted to the Teacher Education Program, candidates also meet benchmark assessments at key transition points. Candidates meet the benchmarks for dispositions during Professional Terms A, B, C, and D. Candidates meet the benchmarks for their portfolio assessment in Professional Terms B, C, and D. These benchmark assessments are described fully in the School of Education's Teacher Education Handbook. Students are expected to complete all course requirements including field and clinical experiences.

All professional education and content-area coursework that forms part of an application for licensure, endorsement, or approval that is received by ISBE on or after February 1, 2012, must have been passed with a grade no lower than C or equivalent in order to be counted toward fulfillment of the applicable requirements.

Secondary Teaching Licensure Program

The secondary education major leading to teacher licensure is designed for students who are planning to teach in secondary schools and obtain an Illinois Professional Educator License.

The curriculum is sequenced in four professional terms:

Professional Term A: EDUC 2120, 2130, 2140, 2145

Professional Term B: EDUC 3011, 3430, 3160 and 3510

Professional Term C: EDUC 3130 and 3520

Select one course based on Major:

EDUC 3310: English and Foreign Language Majors only

EDUC 3315: All majors except English and Foreign Language

Select one course based on Major:

EDUC 3230: Science Major

EDUC 3240: Social Studies Major

EDUC 3355: English Major

EDUC 3380: Math Major

Professional Term D: EDUC 3407, 4120, and 4600

Content Area Majors

(36 semester hours or more)

The Illinois State Board of Licensure has approved the following programs at North Park University; State Content Area Tests are given to verify the appropriate level of mastery of the State Standards. The State Standards for each area can be found on the Illinois State Board of Education website (www.isbe.net) See individual departments for additional requirements such as comprehensive examinations.

1. Biology
2. Business and Economics: Economics
3. Chemistry
4. English
5. History
6. Mathematics
7. Physics
8. Politics and Government

Optional Bilingual Education Endorsement:

EDUC 3540, 3602, 3603, 3604, 3606, and 3607.

Candidates seeking the Bilingual Education endorsement need to pass the appropriate ISBE language proficiency test.

Optional English as a Second Language (ESL) Endorsement:

EDUC 3540, 3601, 3602, 3603, 3604, and 3605

Optional Combined Bilingual/English as a Second Language (ESL) Endorsement:

EDUC 3540, 3601, 3602, 3603, 3604, 3605, 3606 and 3607

Candidates seeking the Bilingual Education Endorsement need to pass the appropriate ISBE language proficiency test.

Optional Learning Behavorial Specialist I Endorsement:

EDUC 3430, 3431, 3436, and 3437

Candidates seeking the LBS1 Endorsement need to pass the appropriate ISBE content area tests.

Special K-12 Programs (Art, French, Music, Physical Education, and Spanish only)

The Special K-12 licensure program is not a second major. Candidates wishing to teach these subject areas will complete a content area major and a licensure program.

Formal Admission into the Special K-12 sequence is based on:

- Formal application to the School of Education office when enrolled in EDUC 2120
- An overall GPA of 2.5
- Completion of Professional Term A
- Declaration of an appropriate content area major
- Positive recommendations from School of Education Faculty
- Approval by the Teacher Education Screening Committee
- Meeting the Illinois test of basic skills requirement (passing the Test of Academic Proficiency or using the ACT or SAT in lieu of the TAP)
- Completion of TB clearance
- Successful results of criminal background check

Candidates are required to pass the Illinois Test of Basic Skills or its equivalent prior to full admission into the Teacher Education Program. The Content Area Test must be passed prior to student teaching. An Assessment of Professional Teaching (APT) test must be passed prior to receiving a teaching license.

Once admitted to the Teacher Education Program, candidates also meet benchmark assessments at key transition points. Candidates meet the benchmarks for dispositions during Professional Terms A, B, C, and D. Candidates meet the benchmarks for their portfolio assessment in Professional Terms B, C, and D. These benchmark assessments are described fully in the School of Education's Teacher Education Handbook. Students are expected to complete all course requirements including field and clinical experiences.

All professional education and content-area coursework that forms part of an application for licensure, endorsement, or approval that is received by ISBE on or after February 1, 2012, must have been passed with a grade no lower than C or equivalent in order to be counted toward fulfillment of the applicable requirements.

The Special K-12 program is designed for students who are planning to teach the subjects of Art, French, Music, Physical Education, or Spanish at the elementary, middle grades, or high school levels.

Summary of requirements in the major, including prerequisites.

The curriculum is sequenced in four professional terms:

Professional Term A: EDUC 2120, 2130, 2140, 2145

Professional Term B: EDUC 3011, 3170, 3510 and 3430

Art majors only: EDUC 3390

Foreign Language majors only: EDUC 3290

Professional Term C: EDUC 3310 or 3315, 3407, 3520

Select one course based on Major:

EDUC 3310: Foreign Language major

EDUC 3315: Art, Music and Physical Education major

Professional Term D: EDUC 3130, 4110/4120, 4600

2120 **Introduction to Teaching: Professional Responsibilities (2 sh)** GE
This course is an introduction to the teaching profession. Topics covered include historical, philosophical, contemporary, and ethical perspectives on education as well as social and cultural expectations in teaching. In this introductory course, students are informed on the appropriate role of technology; state and national standards; policies governing education at the national, state, and local level; and careers and organizations related to teaching and education. This course also introduces students to state licensure requirements.

2130 **Educational Psychology (2 sh)**
Study of the psychological aspects of human behavior and development applied to teaching and learning processes, including learning theories, motivation, and classroom management. Prerequisite: EDUC 2140.

2140 **Curriculum: Planning & Preparation (2 sh)**
Basic principles of curriculum including, planning, organizing and developing lesson plans in relation to the individual learner, the school, and the society are discussed. Historical developments and recent innovations in school curriculum, lesson planning and preparation and instructional delivery will be analyzed. Emphasis is on planning and preparation of lesson plans according to the School of Education lesson plan template aligned with the Danielson Domains, edTPA, Illinois Learning Standards and Common Core Standards. Needs of multi-cultural and special needs students are addressed. Electronic professional portfolios will be developed. Prerequisite EDUC 2120.

2145 **Instruction and Assessment (2 sh)** GE
This course introduces students to research-based instructional strategies along with basic principles and practices of classroom assessment. Special attention will be given to differentiated instruction, maximizing student engagement and learning, formative and summative assessment practices, and the use of data in classroom decision-making. Prerequisite: EDUC 2130.

2155 **Technology with Teaching (2 sh)**
Integration of current methods in instructional technology into the K-12 classroom, including multimedia presentations, Internet navigation and production, basic computer maintenance, and the critical evaluation of educational software. Needs of diverse learning styles of students are addressed.

2300 **Infant and Child Development (2 sh)**
Intensive study of developmental theory and research related to physical, cognitive, psychosocial and faith development in infants and children. An experiential learning component is included. Prerequisite: PSYC 1000.

3011 **Middle School and Adolescent Development (3 sh)**
A study of the physical, intellectual, emotional, and social development of the young adolescent. Examination of developmental issues that impact the middle school, its philosophy, and its practices which are responsive to the adolescent, both cognitively and affectively. Prerequisite: EDUC 2145.

3130 **Multicultural Education Practices: Challenges for the Diverse Classroom (2 sh)** GE
This course examines diversity in the classroom with attention to the linguistic, cultural, academic and cognitive dimensions of student development and learning. This course will also examine the instructional planning, instructional strategies and culturally responsive practices for diverse learners. Consideration will be given to the ways racial-ethnic segregation, ESL, bilingual, bicultural and special education programs have impacted schools and their communities. Prerequisite: EDUC 2145;

3160 **Instruction in Secondary Schools (2 sh)**
Basic principles of instruction for middle and high schools including analysis of teaching and learning experiences, organization for instruction, and assessment of students work. This course is part of Professional Term B. Prerequisite: EDUC 2145.

3170 **Instruction in Special K-12 Programs (2 sh)**
Basic principle of instruction. Preparing for teaching experiences, organizing for instruction, and working in a teacher aiding situation. This course is part of Professional Term B. Prerequisite: EDUC 2145.

3180 **Language Development in Early Childhood (2 sh)**
Methods of dealing with the development of language in young children. The emphasis is on speaking and listening skills, and preparation for reading and writing skills. Prerequisite: EDUC 2145.

3230 **Methods and Techniques of Teaching Science in Grades 5-9 (1 sh)**
Methods of teaching science at the elementary and middle school levels. The emphasis of the course is on relating the knowledge and skills of science to initiating inquiry into the learning activities. Prerequisite: EDUC 2145.

3240 **Methods and Techniques of Teaching Social Studies in Grades 5-9 (1 sh)**
Methods and techniques of teaching social studies at the elementary and middle school levels. The emphasis of the course is on relating the knowledge, skills, values, attitudes, and social participation to the social science discipline. Prerequisite: EDUC 2145.

3260 **Methods in Art for Elementary Teachers (1 sh)**
This course will consist of methods of teaching art in the elementary school. Emphasis will be placed on both the theoretical and the practical information and skills essential for the teaching of art. Prerequisite: EDUC 2145.

3270 **Method in Music Education for Elementary Teachers (1 sh)**
Methods and techniques of teaching music by the classroom teacher at all levels in the elementary school. Special emphasis will be placed on current music educational trends. Prerequisite: EDUC 2145.

3280 **Methods of Teaching Physical Education and Health for K-8 Teachers (1 sh)**
A presentation of the current trends in elementary physical education and health; human body systems and promotion of social, emotional, physical, mental and environmental health; theories and principles of health promotion and disease prevention; methodology, class organization, basic movement principles, and identifying teaching resources for physical education. Prerequisite: EDUC 2145.

3290 **Methods in Foreign Language K-8 (2 sh)**
Lesson planning, methods, and material selection for teaching foreign language in the elementary school. Integration with the

program of regular classroom teachers as well as planning for an entire foreign language curriculum for elementary students. Prerequisite: EDUC 2145.

3307 **Materials and Methods for Elementary and Middle School Music Education (2 sh)**
An analytic overview of public school music texts, audio-visual material and computer technologies including multi-cultural resources and their applications. An investigation into the means of integrating the music unit into the host school as well as building community relations with the music unit. Introduction to the building, marketing, and defense of the arts in education. Prerequisite: EDUC 2145.

3310 **Methods of Teaching Reading and Language Arts in Grades 5-9 (2 sh)**
An analysis of the materials and the methodologies used in writing, reading and language arts including children's literature. A review of theories, research, and the differentiated instructional needs of struggling and special education students. Emphasis on the learner in grades 5 through 9. Prerequisite: EDUC 3510.

3311 **Middle School Curriculum and Instruction (2 sh)**
Emphasis on the middle school classroom and its structure (curriculum and instruction) of the young adolescent. Examination of curriculum development, teaching and instructional strategies, support of students as changing young people, parent and community development, service learning, advisor-advisee programs, block scheduling, learning communities, homework and assessment, exploratories, teaming, reading and writing across the curriculum, and other current middle school issues that impact curriculum and instruction for the 10 to 15 year old. Pedagogy is based on middle school philosophy, curriculum, instruction, and instructional models for designing and teaching developmentally appropriate programs including content area reading instruction. Prerequisite: EDUC 2145.

3315 **Methods of Teaching Content Reading and Writing for Grades 5-9 (2 sh)**
The purpose of this course is to extend your knowledge of reading/writing, instructional strategies, methodology, and assessment procedures used in grades 5-9. We will explore the following content areas: evaluation of instructional materials, comprehension instruction, learning vocabulary, reading and writing across the curriculum, assessment of student progress, diversity in the classroom, and current approaches to content reading and writing. Prerequisite: EDUC 3510.

3330 **Principles and Practices of Play and Language in Early Childhood Education (2 sh)**
Methods and techniques of teaching socialization, art, music, and physical education to the young child along with the materials available and appropriate for the infant and young child. Prerequisite: EDUC 2145.

3340 **Methods in Science K-4 (1 sh)**
Methods and techniques of teaching science in grades K-4. Emphasis is on concept development and discovery approach. Prerequisite: EDUC 2145.

3345 **Methods of Reading, Language Arts, and Social Studies K-4 (4 sh)**
Emphasis on theory, methodology, strategies, and principles of instruction related to reading, language arts, and social science in grades Kindergarten through grade four. Prerequisite: EDUC 2145.

3355 **Grammar and Writing Pedagogy (2 sh)**
Intended for English majors in the secondary education sequence, and candidates for elementary education, this course will review grammar basics and will study methods of teaching writing. Student must have completed foundational course in composition or the equivalent. Prerequisite: EDUC 2145.

3360 **Instruction in Early Childhood (2 sh)**
Methods and techniques of teaching mathematical, social, and scientific concepts to young children. The relation of learning theories to the selection process. Diagnostic and evaluation techniques and procedures. Prerequisite: EDUC-3510.

3370 **Methods in Mathematics K-4 (2 sh)**
Methods and techniques of teaching mathematics in grades K-4. Emphasis is on NCTM Teaching Standards for concept development, problem-solving, critical thinking ability, and use of manipulatives. Student must have successful score on the mathematics area test. Prerequisite: EDUC 2145.

3380 **Methods in Mathematics Grades 5-9 (2 or 3 sh)**
Methods and techniques of teaching mathematics in the intermediate and middle school grades. Emphasis is on NCTM Teaching Standards for algorithms for the basic operations as well as developing problem solving and critical thinking abilities. Prerequisite: EDUC 2145.

3390 **Methods and Materials for Teaching Art K-8 (2 sh)**
Lesson planning, methods, and material selection for teaching art in the elementary school. Integration with the program of regular classroom teacher as well as planning for an entire art curriculum for elementary students. Prerequisite: EDUC 2145.

3407 **Content-Area Methods of Teaching in the Middle and Secondary School (2 sh)**
Specific methods and materials for teaching middle and secondary school subjects: topics and problems of general concern to 6-12 teachers; selection and use of instructional media. Basic principles of instruction, preparing for teaching experiences and organizing for instruction. Regular and special populations are included. Music education majors must register for MUS 3408 and 3409 in place of this course. Prerequisite: EDUC 3510; EDUC 3160 or 3170.

3430 **Survey of Teaching Exceptional Learners (3 sh)**
Survey of characteristics of learners with physical, mental, emotional or learning disabilities. Implications for the school situation.

3431 **Characteristics of Special Needs Students (3 sh)**
An introduction to the characteristics of students with specific learning disabilities, emotional disturbance, intellectual disability, autism, traumatic brain injury, and orthopedic or other health impairments and implications of these characteristics in the educational setting and throughout the life-span. The provisions of the Individuals with Disabilities Education Act (IDEA) for these learners are explored as well as the definitions of the disabilities, etiologies, preventions, and interventions. Issues related to the identification, screening, labeling, and placement of culturally and linguistically diverse students in Special Education will also be presented. Attention to past, present, and future issues and trends in the field are given. Early childhood through high school student populations are included. Leads to cross-categorical approval for early childhood, elementary, secondary and K-12 certificates when combined with EDUC 3430, 3436 and 3437. Prerequisite: EDUC 2145.

3436 **Psychological and Educational Assessment for Special Populations (3 sh)**
An examination of assessment and evaluation instruments appropriate for use with special populations. Standardized, aptitude, achievement, diagnostic, and criterion reference tests will be analyzed. Validity, reliability, norming, and standard scores will be examined. Prerequisite: EDUC 2145.

3437 **Methods of Teaching Students with Special Needs (3 sh)**
An introduction to the philosophies and theories underlying the variations in educational programming for students with specific learning disabilities, emotional disturbance, intellectual disability, autism, traumatic brain injury, and orthopedic or other health impairments. Educational approaches and best practices used by teachers to design curriculum, and instruct and assess students with disabilities will be presented. Prerequisite: EDUC 2145.

3510 **Practicum B: Teacher Aiding (0 sh)**
Observation and teacher aiding to total a minimum of 40 hours; to be taken as a part of Professional Term B. Early childhood candidates will participate in an infant toddler program for 20 hours and will complete the remainder of time in grades K-3 in a practicum. Elementary candidates may select 1-3, 4-5, or 6-8 for this experience, with the remaining levels taken in 3520 or 4110. Secondary candidates may select 6-8 or 9-12 for this experience. A variety of urban, suburban, public, and private schools need to be selected across practicum settings. Teacher aides meet periodically with faculty observers to share and reflect on the experience. In addition to the 40 hour requirement in a regular education setting, a 10 hour experience in a special education setting is required. Prerequisite: EDUC 2145; Full Admission into the Teacher Education Program.

3520 **Practicum C: Mini-Teaching (1 or 2 sh)**
Mini-Teachers meet periodically regularly with School of Education faculty to share and reflect on the experience and prepare for the EdTPA. There will be a minimum of 35 hours of mini-teaching in a local school in connection with methods courses. The student must meet the required grade point average and have a receipt by the School of Education of meeting the Illinois basic skills requirement. Early Childhood candidates take this practicum twice, once at the preschool level and once at the Kindergarten level. To be taken as part of Professional Term C. Prerequisite: EDUC-3510.

3540 **ESL Practicum (0 or 1 sh)**
The purpose of this course is to observe and assist a teacher in an ESL school setting for a minimum total of 100 clock hours. The requirements for this course may also be met through certification of three months of teaching experience with ESL students. Only those who have verification by a principal or other administrators of three months of teaching ESL students prior to entering the program may take this for no credit. To be taken at the end of the five-course ESL course sequence.

3601 **Introduction to Linguistics (3 sh)**
Introduction to the basic principles of linguistics, the study of human language. Origins of language; what it means to know a language; comparisons of the difficulty levels of different languages; how children acquire language and common threads that may connect languages will be explored.

3602 **Sociolinguistics and Cross Cultural Differences (4 sh)**
Exploration of various aspects of the relationship between language and society. Culture, sex differences, communities, dialects, and speech will be examined.

3603 **Theoretical Foundations of Teaching ESL and Foreign Languages (3 sh)**
Philosophical and theoretical considerations for teaching a second language. An explanation of theories as well as comparisons among the different theories of teaching a second language will be explored. The student will build a personal framework for teaching a second language. Kindergarten through high school student populations will be the focus of attention including design and sequencing of ESL courses.

3604 **Assessment of ESL and Foreign Language Students (4 sh)**
Assessment techniques of ESL students. Different types of assessment instruments, the theoretical viewpoints of these instruments, and testing procedures in general will be discussed. Assessment of all levels of proficiency and grade levels will be considered. Co-requisite: EDUC 3540.

3605 **Method and Materials for Teaching ESL and Foreign Languages (4 sh)**
Introduction to the various methods of teaching a second language in K-12 based on the philosophies and theories that were presented in 3603. Strategies used when working with ESL or second language students and exposure to the issues of multicultural diversity and socioeconomic diversity.

3606 **Foundations of Bilingual Education (3 sh)**
This course provides the current research and theories forming the foundation of bilingual education. It examines and reviews the historical, legal, philosophical, theoretical, pedagogical and political issues concerning bilingual education programs in the United States. It also analyzes the linguistic, psychological, social, and cultural underpinnings of current practices in the field and cultivates multicultural perspectives.

3607 **Methods and Materials for Teaching Bilingual Students (3 sh)**
This course introduces various models, philosophies and theoretical underpinnings of bilingual education for language minority students. It provides and prepares the participants with the theoretical basis, methods and techniques needed for effective teaching in bilingual/bicultural classrooms.

3650 **Coaching for Transformation (4 sh)**
This course is designed to provide Teacher Leader candidates an introduction to the role of instructional coaches as agents of change for teaching and learning. Candidates will examine various coaching models and the role of the teacher leader in collaboration with the building principal in establishing a school culture that focuses on student learning. Coaching strategies and competencies will allow the teacher leader candidate to develop the necessary skills to provide professional development to meet teaching and learning needs of the school.

3910 **Topics in Education (1-4 sh)**
Intensive examination of a selected theme.

3915 **Academic Odyssey to Greece: Applying Classical Ideals to the Arts and Education (1-4 sh)**
The Academic Odyssey to Greece is a short term study abroad program offered through the school of education to all students at North Park University. It focuses on comparing classical Greek ideals to currant day themes and enables students to learn how the birthplace of democracy shaped the way we see and experience the world and ourselves. By incorporating both scholarly/didactic approaches to learning with experiential approaches (excursions, field trips), this program investigates a wide spectrum of disciplines in the arts and sciences and provides students with the opportunity

to develop an appreciation and understanding of the Greek people and country within a lived experience.

3930 **Parent Child Community Relationships (2 sh)**
Exploration of the role families and community services play in the education of young children. Teacher candidates will identify social, economic and cultural trends that impact families of young children and will develop strategies to communicate with families to disseminate information regarding school and community services.

4000 **Departmental Honors in Education (1-4 sh)**
A project in a school setting emanating from a proposal that has been approved by the education department.

4100 **Student Teaching Early Childhood (4 sh)**
Supervised observation and teaching in an appropriate educational facility. Early Childhood teacher candidates must complete five weeks each in 4100 and 4110. The candidate must meet the required grade and GPA requirement, pass the state content-area test, and be fully admitted into the Teacher Education program prior to beginning student teaching. Prerequisite: EDUC 3360, 3520;

4110 **Student Teaching Elementary Education (4, 6 or 8 sh)**
Supervised observation and teaching in the elementary school. Early Childhood teacher candidates must also complete five weeks in grades 1-3 (4sh). Elementary Education teacher candidates must complete ten weeks in grades 2-4 (8 sh). K-12 majors must complete eight weeks in grades 1-8 (6 sh) and eight weeks in EDUC 4120, grades 6-12 (6 sh). The candidate must meet the required grade and GPA requirement, pass the state content-area test, and be fully admitted into the Teacher Education program prior to beginning student teaching. Prerequisite: (Early Childhood) EDUC 3180, 3520; (Elementary) EDUC 3345, 3520; (K-12) EDUC 3407, 3520. Co-requisite: EDUC-4600.

4120 **Student Teaching Secondary (6 or 8 sh)**
Supervised observation and teaching in the secondary school. Secondary Education teacher candidates must complete 10 weeks (8 sh) in grades 6-12. K-12 teacher candidates must complete eight weeks in EDUC 4110, grades 1-8 (6 sh) and eight weeks in EDUC 4120, grades 6-12 (6 sh). The candidate must meet the required grade and GPA requirement, pass the state content-area test, and be fully admitted into the Teacher Education program prior to beginning student teaching. Prerequisite: (Secondary and K-12) EDUC-3470, 3520. Co-requisite: EDUC 4600.

4130 **Student Teaching (8 sh)**
Supervised observation and teaching in a school and grade level appropriate to the program and licensure endorsement sought by the candidate. The candidates will complete one 60 day (approximately 12 week) student teaching clinical experience. The candidate must meet the required grade and GPA requirement, pass the state content-area test, and be fully admitted into the Teacher Education Program prior to beginning student teaching. Prerequisite: EDUC 3520; Additionally, EDUC 3360 for Early Childhood candidates; EDUC 3345 for Elementary candidates; EDUC 3407 for Secondary and K-12 candidates

4600 **Educational Philosophy Capstone: Seminar for Student Teachers (2 or 4 sh)**
As the capstone course in the teacher education program, this course enables students to create personal syntheses of their educational experiences as university students and as future educators. Students will develop their own philosophy of teaching. Students will assemble professional portfolios and prepare for teacher certification. Part of Professional Term D. Co-requisite: EDUC 4100, 4110, or 4120.

4970 **Internship in Education (1-4 sh)**
An assignment outside a school setting in a business or not-for-profit institution in which education is the primary goal. Please refer to the Internship section of the catalog for internship requirements and guidelines.

English (ENG)

Arnesen (chair), Acosta, Dooley, Odelius

The Department of English seeks to prepare students for meaningful lives of significance and service through the study of literature and creative writing. Students consider literary representation in a wide range of cultural, historical, and interpretive contexts. In so doing students confront fundamental questions of meaning, and acquire skills of persuasion, analysis, and interpretation, as well as the virtues of imaginative and reflective thinking and a heightened awareness of self and other.

Major requirements for the B.A. in English

Required semester hours

36 sh

Prerequisites and supporting courses

The general education first-year dialogue course or its equivalent.

Required core courses

Literature: 2010; 2020; 2030; 2040; one from Group A: ENG 3090, 3170, 3190; one from Group B: ENG 3240, 3250; one from Group C: ENG 3260, 3270, 3280; 4010; and an elective course from the 3000 level.

Creative Writing: either 2010 or 2020; 2030; 2040; 2050; three courses from 3320, 3350, 3360, 3390; 4020; and an elective literature course from the 3000 level.

Notes and Restrictions

Students who pursue a double major in Communication Arts may double-count no more than 8 hours of cross-listed courses.

In support of their study of literature and/or writing, English majors are required to complete at least one course in each of the following Humanities departments: Art, History, and Philosophy. Students are encouraged to consult their advisor for suggestions about particular courses. Students with a double major or those obtaining a secondary teaching certificate are exempt from the Humanities core requirements.

Additional requirements:

All students take a comprehensive examination and submit a final project in the spring semester prior to graduation. See the department faculty for more information on these requirements.

Honors

For Departmental Honors in English, the applicant must submit a proposal for study by the second semester of her or his third year (or equivalent). Work commences at the beginning of the fourth year. Students shall enroll in ENG 4000 for eight semester hours: four in the first semester of the fourth year, and four in the second semester of the fourth year. Only four semester hours may be included in the total course requirements for the major. For general Departmental Honors requirements and a course description of ENG 4000, see the appropriate sections of this catalog.

Minor requirements in English

Required semester hours

20 sh in courses numbered 2000 or 3000 ranges

Required core courses

The general education requirement in first-year dialogue or its equivalent.

Electives

Any English courses in the 2000 or 3000 ranges totaling 20 sh.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1750 **Studies In Literature (2 sh)** GE
Reading and analysis of the major forms of literary expression. This course is designed to introduce students to the impact of literature on culture, and introduces methods of critical reading as applied to significant texts of world literature of various historical periods. Some sections may be topically focused on a subject pertaining to one of North Park's distinctive strengths (Christian, urban, or inter-national/multicultural); such sections are designated in the schedule of classes.

2010 **British Literature I (4 sh)** GE
A survey of British literature from Beowulf to Puritan period. Individual works will be studied in relation to literary traditions, cultural contexts, methodology and literary theory.

2020 **British Literature II (4 sh)** GE
A survey of British literature from the Restoration of Charles II to the modern period. Individual works will be studied in relation to literary traditions, cultural contexts, methodology and literary theory.

2030 **American Literature (4 sh)** GE
Study of selected North American writers and their works from the seventeenth to the twentieth century. Individual works will be studied in relation to literary traditions, cultural contexts, methodology and literary theory.

2040 **World Literature in English (4 sh)**
Study of selected writers from various nations outside the United States and the United Kingdom. Individual works will be studied in relation to literary traditions, cultural contexts, methodology and literary theory.

2050 **Introduction to Creative Writing (4 sh)** GE
The study and practice of the major forms of creative writing. The course will be taught as a seminar, emphasizing the study of model texts and the development of students' work.

3090 **Shakespeare (4 sh)**
A study of Shakespearean drama, including selected comedies, tragedies, and romances. Cross-listed with COMM 3090.

3170 **English Romanticism (4 sh)**
Intensive study of selected writers and works of English Romanticism in light of their cultural contexts. Prerequisite: ENG 2020.

3190 **Victorian England (4 sh)**
Intensive study of selected writers and works of Victorian England in light of their cultural contexts. Prerequisite: ENG 2020.

3240 **Modern Literature (4 sh)**
A study of poetry, fiction, and drama from 1900 to 1950 with emphasis on innovative styles and techniques. Prerequisite: ENG 2020, 2030, or 2040.

3250 **Postmodern Literature (4 sh)**
A study of literary genres and theory from 1950 to the present with emphasis on fiction. Prerequisite: ENG 2030 or 2040.

3260 **Postcolonial Literature (4 sh)**
Selected readings in postcolonial literature and theory emphasizing cultural contexts. Prerequisite: ENG 2020 or 2040.

3270 **Gender and Literature (4 sh)**
Selected readings in literature and theory that addresses gender issues. Prerequisite: ENG 2010, 2020. You must also take one of the following: ENG 2030 or 2040.

3280 **Race and Literature (4 sh)**
Selected readings in literature and theory that addresses race issues. Prerequisite: ENG 2010, 2020. You must also take one of the following: ENG 2030 or 2040.

3320 **Dramatic Writing (4 sh)**
The study and practice of dramatic writing for theater, television, and film. Focus on the writer's process, character development, story structure, and the completion of a one-act play or a short screenplay. Offered alternative years. Cross-listed with COMM-3320. Prerequisite: ENG 1750 or COMM 2140.

3340 **Grammar and Writing Pedagogy (2 sh)**
Intended for English majors in the secondary education sequence, this course will review grammar basics and will study methods of teaching writing. Prerequisite: NPD 1000.

3350 **Writing Fiction (4 sh)**
The study and practice of fiction writing. The course will be taught as a work-shop, emphasizing development of students' work.

3360 **Writing Poetry (4 sh)**
The study and practice of poetry writing. The course will be taught as a workshop, emphasizing development of students' poetic form and technique.

3390 **Writing Creative Non-Fiction (4 sh)** GE
The study and practice of creative non-fiction writing. The course will be taught as a workshop, emphasizing development of students' work.

3910 **Topics in English (4 sh)**
Intensive study of selected literary topics of interest to students and faculty, for example: Christianity and the Novel, Latina Literature, Film and Fiction, and others.

4000 **Departmental Honors in English (4 sh)**
Honors independent study in English.

4010 **Senior Seminar in English (4 sh)**
Concentrated study in areas of literature of special interest to students and faculty, intended as a capstone course for the major. (Seminars that may be offered include: Asian-American Literature; Central American Writers; Christianity, Literature and Culture; Film and Literature; The Renaissance Epic; The Rise of the Novel; Russian Writers.) Prerequisite: Two English Courses in 3000 level.

4020 **Senior Seminar in Creative Writing (4 sh)**
Concentrated study in areas of literature and creative writing of special interest to students and faculty, intended as a capstone course majors who have selected the writing emphasis. Prerequisite: Two English Courses in 3000 level.

4910 **Independent Study in English (2-4 sh)**
Advanced level of study of topics not covered in the regular English department curriculum. Prerequisite: Completion of at least 20 hours in the English department.

4970 **Internship in English (4 sh)**
Please refer to the appropriate section in the catalog for internship requirements and guidelines.

English as a Second Language (ESL)

The English as a Second Language coursework provides international students a fundamental grounding in spoken and written English to prepare them for the demands of mainstream academic coursework. Students will also be helped in their understanding of American culture.

Notes and restrictions

Open only to students for whom English is a second language. Three levels are offered: low-intermediate, high-intermediate, and advanced. Placement is by testing and/or departmental recommendation. Previous study of English is assumed. A total of 8 semester hours is applicable towards graduation and fulfills the foreign language requirement.

0800 **Speaking/Listening (0 sh)**

0810 **Reading/Vocabulary (0 sh)**

0820 **American Culture (0 sh)**

0850 **Am Studies Seminars (0 sh)**
Co-requisite: ESL 0830, 0840 (required).

0900 **Low-Intermediate Speaking and Listening (4 sh)**
Provides students with intensive practice in speaking and understanding American English. Particular attention is given to developing fluency, refining language skills, and building vocabulary. Recommended TOEFL score 133-153 on the computer-based version or 450-475 on the paper-and-pencil version. Co-requisite: ESL 0910, 0920.

0910 **Low-Intermediate Reading and Writing (4 sh)**
Provides students with intensive practice in reading and writing academic English. Particular attention is given to extensive and intensive reading, the composing process, and proofreading. Co-requisite: ESL 0900, 0920.

0920 **Low-Intermediate Structure (4 sh)**
Provides students with a review of basic sentence patterns and verb tenses. Attention will be given to parts of speech and written production. Co-requisite: ESL 0900, 0910.

0930 **High-Intermediate Speaking and Listening (4 sh)**
Provides students with intensive practice in speaking and understanding American English. Particular attention is given to discussions, projects, refining language skills, and building vocabulary. Recommended TOEFL score 153-173 on the computer-based version or 475-500 on the paper-and-pencil version. Co-requisite: ESL 0940, 0950.

0940 **High-Intermediate Reading and Writing (4 sh)**
Provides students with intensive practice in reading and writing academic English. Attention is given to more difficult extensive and intensive reading. Different types of compositions (e.g., narrative, descriptive) are examined, and proofreading skills are honed. Co-requisite: ESL 0930, 0950.

0950 **High-Intermediate Structure (4 sh)**
Provides students with a review of compound tenses, the passive voice, and more complex structures. Co-requisite: ESL 0930, 0940.

0990 **Academic and Cross-Cultural Transition (0 sh)**
Provides students with an introduction to life in an American academic setting. Cultural, cross-cultural, and academic themes will be discussed and guest lecturers will be invited. Co-requisite: Enrollment in any ESL class.

1000 **English Language Clinic (1-4 sh)**
Provides students with an opportunity to receive additional, personalized attention in English as needed. Co-requisite: ESL 0960, 0970, or 0980.

1010 **Advanced Speaking and Listening (4 sh)**
Provides students with intensive practice in topic control and participation in various discussion formats (e.g., debates, presentations). Students become familiar with lecture and seminar-styles of teaching. Recommended TOEFL score 173 or higher on the computer-based version or 500 or higher on the paper-and-pencil version. Co-requisite: ESL 1020, 1030.

1020 **Advanced Reading and Writing (4 sh)**
Provides students with intensive practice in reading and writing academic English. Students read short stories and essays. Different types of compositions (e.g., narrative, descriptive) are examined, and the students are exposed to different formats of research projects. Co-requisite: ESL 1010, 1030.

1030 **Advanced Structure (4 sh)**
Provides students with a comprehensive review of complex sentence structure. Proofreading forms an important part of the course. Co-requisite: ESL 1010, 1020.

Exercise and Sport (EXS)

Potteiger (chair), Anderson, Born, Hjelm, Lundgren, Quinn

The mission of the Department of Exercise and Sport is to develop well-educated, competent, reflective and respectful leaders in the fields of human movement and health dedicated to serving diverse populations and committed to lifelong learning. Its programs seek to prepare leaders in education, health, athletics, and recreation by developing a thorough understanding of that body of knowledge related to human movement and its scientific foundations. The department offers three majors: physical education, exercise science, and athletic training.

Physical Education Major:

The Physical Education curriculum is designed to prepare students for teaching careers. Students may qualify for K-12 or secondary teaching certificates. Students who do not seek teacher certification may concentrate on a non-school curriculum.

Major requirements for the B.A. degree in Physical Education

Required semester hours

36 sh

Prerequisites and supporting courses

BIOL 1250; STAT 1490

Required core courses

EXS 1500, 1600, 2700, 3010, 3130 or 3140, 3160, 3700

Electives

Any EXS courses or others approved by advisor (10 sh)

Major requirements for the B.S. in Physical Education

Required semester hours

41 sh

Prerequisites and supporting courses

BIOL 1250; STAT 1490

Required core courses

EXS 1500, 1600, 2700, 2800, 3000, 3010, 3130, 3140, 3160, 3700, and one course from EXS 4970, EDUC 4110, EDUC 4120

Electives

Any EXS courses

Notes and restrictions

Recommended Supporting Courses: EXS 2500, 3190;

Students seeking teaching certification must complete the education sequence.

Exercise Science Major:

The Exercise Science curriculum prepares students for careers as physical fitness specialists. Graduates are prepared to enter the field as personal trainers, group fitness leaders, and fitness consultants, as well as do graduate work in exercise-related fields.

Major requirements for the B.S. in Exercise Science

Required semester hours

42 sh

Prerequisites and supporting courses

BIOL 1250; STAT 1490

Required core courses

EXS 1400, 1600, 2500, 3010, 3160, 3180, 3190, 3500, 3700, 3800, 4010

Electives

EXS 1610, 2950, 4910, 4970, other courses as approved by advisor (4 sh)

Notes and restrictions

A comprehensive exam is required. Students interested in pursuing graduate work should take BIOL 2930. Courses in Business , Marketing and Communications are recommended.

Honors

No requirements beyond the University guidelines

Athletic Training Educational Program

The Athletic Training Educational Program prepares students to sit for the Board of Certification (BOC) national examination. Successful completion of the BOC examination is required in order for the student to work as an entry-level Certified Athletic Trainer. Students will typically take this exam during their last semester at North Park. The Athletic Training Education Program (ATEP) has a competitive admission process. Entrance into North Park does not guarantee entrance into the Athletic Training Educational Program (ATEP). Application to the ATEP is made during the spring semester of the student's first year. Interested students will receive an application packet during the first week of EXS 1610. Students will be informed of their status in early April. The entire application packet is maintained in the program director's office and can be accessed upon request at any time. Transfer students should contact the Athletic Training Program Director. If accepted into the formal ATEP, transfer students will have to successfully complete all 52 required credits for the major at North Park.

Application requirements for Athletic Training Educational Program include:

- A completed application form
- Verification by an appropriate health care provider that the student is in good health and has had necessary immunizations
- Verification that student can meet technical standards
- Two letters of recommendation
- A passing score on the ATEP entrance examination
- The completion of 50 observation hours in one of the NPU athletic training rooms
- Completed selected clinical proficiencies
- A transcript showing the successful completion of the following courses taken at North Park with a GPA of 2.50 or better and a 2.67 (B-) or better in EXS 1610:
    1. EXS 1000 Personal Health
    2. EXS 1600 First Aid and CPR
    3. EXS 1610 Introduction to Athletic Training
    4. BIOL 1250 Introduction to Human Anatomy

- A transcript from North Park showing a cumulative GPA of 2.50 or better
- Completion of a formal interview with the selection committee

Notes:

- Deficiencies in one area can be offset by exceptional marks in another
- Fulfilling these requirements does not guarantee entrance into the ATEP since an 8:1 student to Certified Athletic Trainer ratio must be maintained to satisfy accreditation requirements

Major requirements for the B.S. degree in Athletic Training

Required semester hours

52 sh

Prerequisites and supporting courses

BIOL 1250, EXS 1000, 1600, 1610 (10 sh)

Required core courses

BIOL 2930, EXS 2100, 2110, 2300, 2350, 2400, 2950, 3010, 3070, 3100, 3110, 3160, 3180, 3300, 3400, 4100, 4110, 4300, 4400 (50 sh)

Notes and restrictions

See admissions policy to enter major; Students must supply their own transportation for off-campus clinical rotations; Additional expense for athletic training attire and/or equipment. A clinical experience with North Park football or an acceptable equipment intensive sport at another affiliated site is required for each Athletic Training student. This may necessitate fall athletes staying for an extra semester to fulfill the clinical portion of the curriculum. A criminal background check may be required.; Student must adhere to the Athletic Training Policies and Procedures Manual kept on file in the Athletic Training Room.; Students may be required to be a student member of the NATA.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1000 **Personal Health (2 sh)** GE
A study of physical and psychological well-being, including exercise and nutrition.

1400 **Foundations of Exercise Science (4 sh)**
An overview of health/fitness professions and content areas including exercise physiology, biomechanics, and exercise programming. Career paths and professional ethics are also presented. This also offers the basic knowledge and skills required to work as a Personal Trainer.

1500 **Foundations of Exercise and Sport (4 sh)**
An introductory course giving an overview of physical education including history and principles and a study of organization, administration and assessment in physical education exercise science, and sport. Includes the development of a philosophy of physical education.

1600 **First Aid/CPR (2 sh)**
Study of immediate care of the injured or ill. Based on American Red Cross standards. Certification in First Aid, CPR, and AED available.

1610 **Introduction to Athletic Training (2 sh)**
Introduction to the care and rehabilitation of athletic injuries with emphasis on current methods of athletic training.

2100 **Practicum I (2 sh)**
A course designed to formally structure a minimum of 150 clock hours of clinical experience 150 (time by arrangement) 150 specific to the first semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, fieldwork and practical experience in the North Park University athletic training room. All will be under the direct supervision of a Certified Athletic Trainer (ATC). Emphasis is athletic training room operations and procedures. Student must have formal acceptance into the ATEP. Prerequisite: EXS 1000, 1600, 1610, BIOL 1250. Co-requisite: EXS 2300, 2350.

2110 **Practicum II (2 sh)**
A course designed to formally structure a minimum of 150 clock hours of clinical experience 150 (time by arrangement) 150 specific to the second semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, fieldwork and practical experience in the North Park University athletic training room. All will be under the direct supervision of a Certified Athletic Trainer (ATC). Emphasis is on lower extremity injury evaluation and lower body taping/splinting. Prerequisite: EXS 2100, 2300, 2350. Co-requisite EXS-2400.

2210 **Coaching Basketball (2 sh)**
The theory, methods, and techniques of coaching basketball are taught including conditioning, selecting personnel, drills, scouting, rules, and team strategy.

2220 **Coaching Track and Field (2 sh)**
The theory, methods, and techniques of coaching track and field are taught, including conditioning, coaching the specific events, rules, and meet organization.

2230 **Coaching Football (2 sh)**
The theory, methods, and techniques of coaching football are taught, including preseason conditioning, selecting personnel, drills, scouting, rules, and strategy.

2250 **Coaching Baseball and Softball (2 sh)**
The theory, methods, and techniques of coaching baseball and softball are taught with emphasis on preseason conditioning, individual skills, team strategy, and rules.

2260 **Coaching Volleyball (2 sh)**
The theory, methods, and techniques of coaching volleyball are taught with emphasis on preseason conditioning, individual skills, team strategy, and rules.

2270 **Coaching Soccer (2 sh)**
The theory, methods and techniques of coaching soccer are taught with emphasis on pre-season conditioning, individual skills, team strategy, and rules.

2290 **Coaching Principles and Administration (2 sh)**
This course will focus on examining theoretical and applied concepts of sports coaching, including administrative coaching duties. Emphasis will be placed on coaching at a secondary or college level. The goal of the class will be for students to improve their own coaching practices through research, reflection and observation.

2300 **Orthopedic Assessment I (4 sh)**
A comprehensive study of the lower extremities including the foot, ankle, knee, thigh, hip, pelvis, and spine. Injuries will be discussed from the following viewpoints: 1) prevention, 2) etiology and

mechanism of injury, 3) pathology, 4) recognition and evaluation techniques, and 5) treatment. Student must have formal acceptance into ATEP. Prerequisite: EXS 1000, 1600, 1610, BIOL 1250. Co-requisite: EXS 2100, 2350.

2350 **Prevention and Care of Athletic Injuries (2 sh)**
A study of preventative measures and acute care techniques used in athletic training. Concepts, applications, and procedures used in taping, equipment fitting, and splinting will be emphasized. This course also includes environmental conditions and strength conditioning concepts. Student must have formal acceptance into ATEP. Prerequisite: EXS 1010, 1600, 1610, BIOL 1250. Co-requisite: EXS 2100, 2300.

2400 **Orthopedic Assessment II (4 sh)**
A comprehensive study of the upper extremities including the shoulder, upper arm, elbow, forearm, wrist, hand, thumb, fingers, spine, thorax, abdomen, head, and face. This course also includes general medical conditions, skin infections, and common viruses. Injuries will be discussed from the following viewpoints: 1) prevention, 2) etiology and mechanism of injury, 3) pathology, 4) recognition and evaluation techniques, and 5) treatment. Prerequisite: EXS 2100, 2300. Co-requisite: EXS 2110.

2500 **Health and Behavior (4 sh)** GE
Study of the dimensions of health and selected health topics with emphasis on how one's behavior affects health. Prerequisite: EXS 1000.

2700 **Movement Experiences for Elementary School Age Children (4 sh)**
Introduction to designing physical education programs for regular and special populations in elementary schools. Emphasis is on application of curricular models to programming of physical education activities in order to accomplish desired outcomes. A focus on tumbling, appropriate apparatus stunts and rhythmic activities based upon movement analysis and an exploratory approach.

2800 **Physical Education Curriculum: 6-12 (4 sh)**
Introduction to designing physical education programs for regular and special populations in the secondary schools. Emphasis is on application of curricular models to programming of physical education activities in order to accomplish desired outcomes within an established philosophical framework.

2950 **Sport Psychology (2 sh)**
Develop an understanding of the principles of motivation, the importance of leadership and communication skills, and the different psychological skills athletes can use to improve performance.

3000 **Methods of Teaching Aquatic Skills (2 sh)**
Instruction and practice for teaching basic swimming skills and American Red Cross water safety courses. Emphasis on the various educational methods and approaches applicable to swimming and water safety instruction, as well as on health and safety precautions and guidelines. American Red Cross certification as Water Safety Instructor is available. Prerequisite: EXS 1600, 2800.

3010 **Biomechanics (4 sh)**
Systematic analysis of human movement. The integrated study of applied anatomy and applied mechanics to the analysis of movement. Movement terminology as well as muscular system function in sport will be studied. Prerequisite: BIOL 1250.

3070 **Introduction to Evidence Based Practice (2 sh)**
This course is designed to introduce allied health students to concepts related to evidence-based practice. Specifically, students will develop the skills necessary to identify relevant research and critically appraise the literature as to its quality and applicability to clinical practice. Students will gain an understanding of the research process as well as recognize the importance of assessing clinical outcomes.

3100 **Practicum III (2 sh)**
A course designed to formally structure a minimum of 150 clock hours of clinical experience 150 (time by arrangement) 150 specific to the third semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, field-work and practical experience in the North Park University athletic training room. All will be under the direct supervision of a Certified Athletic Trainer (ATC). Emphasis is on upper extremity injury evaluation and upper extremity taping/splinting. Prerequisite: EXS 2110, 2400. Co-requisite: EXS 3300 (required).

3110 **Practicum IV (2 sh)**
A course designed to formally structure a minimum of 150 hours of clinical experience(time by arrangement)- specific to the fourth semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, fieldwork and practical experience in an affiliate sports medicine clinic. All will be under the direct supervision of a Certified Athletic Trainer (ATC) and/or Physical Therapist (PT). Emphasis is on therapeutic exercise and general medical conditions. Prerequisite: EXS 3100, 3300. Co-requisite: EXS 3400 (required).

3120 **Principles and Practice of Physical Education for Children and Adolescents (2 sh)**
Study of child growth and development, motor learning, and movement experiences, including teaching of elementary and middle school games, as well as evaluation procedures with regular and special education students. Cross-listed with EDUC 3120. Co-requisite: EDUC 3520.

3130 **Individual and Dual Sports (4 sh)**
Instruction and practice for teaching basic motor skills related to individual and dual activities to regular and special populations with specific study of rules and equipment required. Prerequisite: EXS 1500, 2800, 3010, or EDUC 2140.

3140 **Team Sports (4 sh)**
Instruction and practice for teaching basic motor skills related to team sports to regular and special populations and specific study of the rules and equipment required. Prerequisite: EXS 1500, 2800, 3010, or EDUC 2140.

3160 **Exercise Physiology (4 sh)** GE
Study of human physiology with emphasis on the acute and chronic effects of exercise upon the muscular and cardiorespiratory systems. Lecture and lab required. Cross-listed with BIOL 3160. Prerequisite: BIOL 1250.

3180 **Nutrition (2 sh)**
This course will introduce students to an evidence-based review of the direct effects of diet on health and physical activity. Specific topics addressed include nutrient metabolism, body composition management, hydration, health effects, supplement and food ethics.

3190 **Health Promotion (4 sh)**
Study of health issues as they relate to fitness professionals. Topics of study include weight management, stress management, and substance abuse. Counseling skills, screening instruments, and referral procedures will also be covered. Co-requisite or Prerequisite: EXS 2500.

3300 **Therapeutic Exercise (4 sh)**
A study of the theory and application of exercise rehabilitation techniques on athletic injuries. Emphasis will be placed on scientific/physiological rationales, selection criteria, indications/contraindications, and clinical application. Prerequisite: EXS 2110, 2400. Co-requisite: EXS 3100 (required).

3400 **Therapeutic Modalities (4 sh)**
Classroom and clinical experience stressing the proper use of therapeutic modalities in the rehabilitation of athletic injuries. Indications and contraindications are stressed with laser/light therapy, ultrasound, electrical muscle stimulation, cryotherapy, thermotherapy, diathermy, massage, and cervical, lumbar traction. Prerequisite: EXS 2300, 2400.

3500 **Health Appraisal and Fitness Testing (4 sh)**
Knowledge and skills necessary to obtain health appraisals and conduct physical fitness assessments for diverse populations. Interpretation of results and application to fitness activities is also emphasized. Co-requisite or Prerequisite: 3160.

3700 **Exercise Programming and Leadership (4 sh)**
Class planning and exercise prescription based on test and appraisal results. Teaching group exercise classes and use of exercise equipment is also emphasized. Co-requisite or Prerequisite: EXS 3010, 3160.

3800 **Conditioning for Health and Performance (2 sh)**
Classroom education and practical experience using advanced techniques of conditioning. Includes theory and practice of a variety of conditioning models, exercises, and equipment. Prerequisite: EXS 3700.

3910 **Topics in Exercise and Sport (1-4 sh)**
Concentrated study in areas of special interest to students and faculty. Consent of Instructor required. Prerequisite: Two Exercise and Sport Courses.

4000 **Departmental Honors in Exercise and Sport (1-4 sh)**
Consent of instructor required.

4010 **Seminar in Exercise Science (4 sh)**
This course examines principles and practices of program organization and administration, including equipment design and purchase, marketing and promotion strategies, and legal issues. Guidelines of professional organizations and government agencies will be studied, compared, and applied to diverse populations. Co-requisite or Prerequisite: EXS 3700.

4100 **Practicum V (2 sh)**
A course designed to formally structure a minimum of 150 hours of clinical experience (time by arrangement)- specific to the fifth semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, field-work and practical experience in either an affiliate college/university athletic training room or in an affiliate high school athletic training room. All will be under the direct supervision of a Certified Athletic Trainer (ATC). Emphasis is on the integration of therapeutic modalities. Prerequisite: EXS 3110, 3400. Co-requisite: EXS 4300.

4110 **Practicum VI (2 sh)**
A course designed to formally structure a minimum of 150 hours of clinical experience (time by arrangement)- specific to the sixth semester of enrollment in the Athletic Training Educational Program (ATEP). Includes observation, fieldwork and practical experience in either an affiliate college/university athletic training room or in an affiliate high school athletic training room. All will be under the direct supervision of a Certified Athletic Trainer (ATC). Emphasis will be on integration of therapeutic exercise and modalities. Prerequisite: EXS 4100, 4300. Co-requisite: EXS 4400.

4300 **Athletic Training Administration (2 sh)**
Designed to give an understanding of the planning, coordinating, and supervision of all administrative components of an athletic training program in a clinical, high school, collegiate, professional, or industrial setting. Emphasis will be placed on facility organization and design, budgeting, legal liability, day-to-day scheduling, personnel management, and record keeping. Prerequisite: EXS 2400, 3110. Co-requisite: EXS 4100.

4400 **Senior Seminar (2 sh)**
This is the last course in the athletic training sequence. The focus is on pharmacology, general medical conditions, preparation for the NATA certification exam, and professional development. Prerequisite: EXS 4100, 4300. Co-requisite: EXS 4110.

4910 **Independent Study in Exercise and Sport (1-4 sh)**
Consent of instructor and chairperson of division required.

4970 **Internship in Exercise and Sport (1-4 sh)**
Please refer to internship requirements and guidelines in another section of this catalog. Prerequisite: Completion of at least 30 hours in the Exercise and Sport department.

French (FREN)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Introduction to French I (4 sh)** GE
Introduction to contemporary French language and French and Francophone cultures through real-world learning materials relating to everyday events. Students will learn to identify, describe, and characterize people, object, places, and events; give information and instructions; issue simple commands and requests. Taught in French. Notez bien: No credit for FREN 1010 will be granted to students who have had more than two years of high school French within the last five years.

1020 **Introduction to French II (4 sh)** GE
Companion course to FREN 1010. Students will learn to speak and write in French about past and future events; tell a story (narrate and descirbe using the passe compose and the imparfait); and promise, predict, and propose simple hypotheses and conjectures. Taught in French. Prerequisite: FREN 1010.

2010 **Intermediate French I (4 sh)**
Intermediate course for students striving for fluency. Students will develop active vocabulary, reinforce mastery of basic grammar, deal with more complex structures (verbal phrases, subordinate clauses), and use some patterns of indirect speech (e.g., repeating or relaying messages, giving reports, summarizing). Taught in French. Prerequisite: FREN 1020.

2020 **Intermediate French II (4 sh)**
Companion course to FREN 2010. Students will solidify and further expand their listening and reading comprehension, and will produce a more sophisticated level of spoken and written discourse emphasizing subjective expression. Concepts covered: issuing indirect commands and requests; giving opinions; making proposals; building arguments; defending and critiquing ideas. Taught in French. Prerequisite: FREN 2010.

2040 **French Phonetics and Pronunciation (2 sh)**
Phonetics and pronunciation is a practical course that aims to help majors improve their pronunciation and learn how to teach pronunciation to others. It also includes the theoretical treatment of phonetics: specifically articulatory phonetics, phonology, linguistics structures, and intonation that will be language specific. Prerequisite: FREN 2020.

3010 **Literature and Culture of Pre-Revolutionary France (4 sh)**
A survey of early modern culture preceding the French Revolution. The wars of religion and the movement from feudalismto nation-state will be examined through texts representing medieval, Renaissance, Grand Siecle, and Enlightenment values and traditions. Taught in French. Prerequisite: FREN 2020.

3020 **Literature and Culture of Post-Revolutionary France (4 sh)**
A survey of the French Revolution and its aftermath. The Declaration of the Rights of Man and of the Citizen, which inspired the American Civil Rights Movement, will be a focal point of the course. the Hexagon's movement from absolute monarchy to republic to world power will be examined through texts representing Romantic and Realist traditions. Taught in French. Prerequisite: FREN 2020.

3150 **Advanced French Grammar and Composition (4 sh)**
Perpetual review and practice of spoken and written French in preparation for advanced-level content courses. Students will become familiar with idioms as well as literary language, and will analyze excerpts from contemporary literature and films. Class activities will engage students in active learning through discussion, role play, problem-solving, and presentations. Taught in French. Prerequisite: FREN 2020 or 3010.

3910 **Topics in French (4 sh)**
Guided reading and discussion of a selected topic in French or Francophone literature or culture. Topics change each semester, so the course may be taken again and again. Reading comprehension tests, presentations, and essays should be expected. Taught in French. Prerequisite: FREN 3150 or professor's permission.

3920 **Francophone Literature (4 sh)**
Exploration of major regions of the Francophone world: Africa and the Caribbean; their culture, political, economic, and social problems, religion, etc. Quebec may be included if taught in French. Prerequisite: FREN 3010.

4000 **Senior Honors Thesis (4 sh)**
An optional research project of 25-30 pages in French for senior honors students majoring in French. Topics will be chosen by the individual student and approved by the Chair of the French and Francophone Studies Department. The project will be completed in multiple drafts, and the final draft will be presented (in French) to peers and faculty. Taught in French. Prerequisite: Honors status and professor's permission.

4010 **Seminar: Great Works/Great Writers (4 sh)**
Intensive study of the major literary works of one prominent writer in the French literary canon (Montaigne, Montesquieu, Voltaire, Diderot, Sevigne, Rousseau, Hugo, Sand, Stendhal, Zola, inter alios). The writer's contribution will be examined in historical context as well as in the context of major literary movements of his/her time. Taught in French. Prerequisite: FREN 3150 or professor's permission.

4901 **Senior Assessment (0 sh)**
A non credit course in which all French majors must register in order to complete their final requirements to graduate: a portfolio, an oral proficiency interview, CLA Exam and written exit questionnaire. Graded on a pass/fail basis.

4910 **Independent Study in French (1-4 sh)**
Advanced independent research. Open to majors in other disciplines with reading knowledge in French. Student must obtain consent of instructor and division chairperson to register for this course. Student must be of fourth-year standing.

4970 **Internship in French (1-4 sh)**
Please refer to the Internship section of the catalog for internship requirements and guidelines.

General Honors (GH)

See the appropriate section for a description of the General Honors program.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement. See the General Education Program section of the catalog for more information.

1050 **Art and Society (6 sh)** GE
This course examines at least one historical period in each of two different cultures. Students will be required to learn the methods for analyzing the artwork of that period and will also develop the historical and social science concepts needed to analyze the society. The course fulfills both the Fine Arts and the Culture and Society general education requirements.

German (GERM)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic German I (4 sh)** GE
Introduction to the sound and structure of contemporary German through materials relating to everyday events. Equal emphasis on listening, speaking, reading and writing. No credit for GERM 1010 will be granted to students who have more than two years of high school German within the last five years.

1020 **Basic German II (4 sh)** GE
Conversation-oriented grammar and lexical patterns. Reading comprehension skills through primary texts. Writing assignments on German life and culture. Supplemental audio-visual presentations. Prerequisite: GERM 1010.

2010 **Intermediate Conversation (4 sh)**
Systematic practice of conversational techniques to deal with current everyday issues. Review and extension of grammar and lexical patterns. Pronunciation and intonation exercises. Prerequisite: GERM 1020.

2020 **Intermediate Composition (4 sh)**
Theme writing based on current issues in German speaking countries to achieve idiomatic proficiency and fluent everyday style. Syntax of subordination. Prerequisite: GERM 2010.

4910 **Independent Study in German (2-4 sh)**
Advanced level of study for material not offered in the regular curriculum. To be arranged in consultation with the chair of the Department of Modern Languages and the instructor. Prerequisite: GERM 2010 or GERM 2020;

Global Studies (GBLS)

The objective of the Global Studies program is the development of international and intercultural awareness of global issues from an interdisciplinary perspective.

Major requirements for the B.A. in Global Studies

Required semester hours

36 sh

Co-requirement:

Foreign Language Minor

Foreign Study Abroad Experience in which the foreign language is used.

Required core courses

12 sh

GBLS 2130; two courses from the following: BSE 2211, BTS 2700, COMM 2350, CTS 3000, POGO 2200, 2250, 2300, SOC 1910, WGS 2010

Additional required courses

24 sh

Area Studies (20 sh) Five courses from two area studies, one of which must be related to the foreign language studied. At least one must be non-European. A concentration in a geographical region not listed must be approved by a Global Studies Advisor: Africana Studies, French Studies, Latin American Studies, Middle Eastern Studies and Scandinavian Studies.

Capstone Course (4sh): One capstone course from the following list: BSE 3230, COMM 3910, ENG 3920, POGO 3210, SOC 3310, SOC 3410, SOC 3800, WGS 3100. This course must be chosen from one of the core course disciplines the student studied. Any appropriate 3910 Topics course in the disciplines mentioned could also serve as a capstone course, with the approval of advisors.

Senior Assessment (0sh)

Students will complete a Global Studies journal in which the following entries will be mandatory. The journal must be handed in before graduation.

- Weekly (2-3) entries regarding a service learning, volunteer, or internship experience that requires hands-on exposure in a cross-cultural context. (Could be a part of their foreign study program). Students will seek approval and guidance of the GLBS advisor for such experience. Center directors will also be useful resources.
- Two entries of a minimum of 250 words of analytical response to at least two presentations on topics of Global and International themes every semester.
- A final response to a series of reflective questions
    1. What is your next step in the development or use of this major?
    2. What were your goals upon initiating this program? -what goals have you realized, and what experiences significant?
    3. Which goals have not been reached, and why not?
    4. What, if any, has been the impact of this major on your personal, intellectual, or spiritual development?
    5. Would you recommend this program to another student? Why or why not?

Notes and Restrictions

No more than 12 hours in one discipline and no more than 8 hours can double count. At least 4 courses must be at the 3000 level. All majors must complete the co-requisite of a minor in a foreign language and must participate in a foreign study experience in which that language is used (a minimum of four weeks).

A final paper is required as part of the capstone course in which an issue is analyzed in the context of the two cultural regions studied. It is to be approximately 25 pages in length, read by the subcommittee of advisors, and presented at a forum attend by other Global Studies majors. Students must identify themselves to the professor and secure their approval.

1000 **Pre-Study Abroad Seminar (0 sh)**
The course will help prepare students for the experience of living in another culture. Intended for students who have been accepted to study abroad in an upcoming semester, this pre-departure course is designed to make the study abroad experience more successful and meaningful by introducing participants to a variety of themes and issues related to culture- What is culture? How do my home and host cutures differ? What are my cultural values and how do they impact culture shock? On what are intra- and intercultural commuication based? How can intercultural learning take place? The course also includes basic orientation and health and safety information for particular study abroad sites and programs.

2130 **Between Worlds: Language, Culture and Globalization (4 sh)**
In our increasingly global world, many students plan to live and work with people who are from other parts of the world. This course will teach global studies majors and foreign language majors essential concepts in becoming border people, being able to understand and identify with people who live between worlds in the process of globalization. Tutoring recent immigrants to Chicago is an integral part of the course.

3910 **Topics in Global Studies (2-4 sh)**
An intensive examination of a selected theme.

4901 **Senior Assessment (0 sh)**
A non credit course in which all Global Studies majors must register in order to complete their final requirements to graduate Capstone thesis, journal and written exit questionnaire. Course is taken on a Pass/Fail basis.

4910 **Independent Study in Global Studies (1-4 sh)**
A course of independent research that can be applied to the regional study or the capstone requirement with the consent of the Global Studies Advisor.

4970 **Internship in Global Studies (2-4 sh)**
Students work on a local project that clearly reflects a global/ international dimension.

Greek (GRK)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Greek I (4 sh)** GE
The grammar and vocabulary of Hellenistic Greek, noting significant variations from classical grammar and syntax. Special emphasis on reading New Testament literature.

1020 **Basic Greek II (4 sh)** GE
The grammar and vocabulary of Hellenistic Greek, noting significant variations from classical grammar and syntax. Special emphasis on reading New Testament literature. Continuation of Greek 1010. Prerequisite: GRK 1010.

Health Sciences (HSC)

The Bachelor of Science in Health Science is designed to advance the learner's critical thinking, communication skills, theoretical knowledge and professional development. The design of the curriculum is to prepare students for career paths in the health sector, including administration, management, and health promotion in education or clinical settings such as schools and community health environments. The Bachelor of Science in Health Science program prepares graduates for non-clinical positions within the healthcare industry and/or leadership and management roles in a professional discipline.

Service Learning is an important part of the program. A senior internship and capstone project will provide students with opportunities to work with community partners and gain experience in the healthcare system.

Learning Objectives:

At the completion of this program, graduates will be able to:

- Discuss the structure and functions of the health care system
- Use critical analysis to respond to health care issues and societal needs
- Utilize evidence-based decision-making in the health care setting
- Establish collaborative relationships with clients and function effectively as part of an interprofessional team
- Evaluates the legal, ethical, political, and policy issues the shape and change health care
- Demonstrates the leadership, professionalism, and cultural sensitivity in the practice of health care
- Demonstrates an understanding of human, fiscal, and materials management in the delivery of health care
- Understand the role of information technology in the changing U.S. health care system

The Bachelor of Science degree in Health Sciences is granted to students who complete the required program of study. These requirements will include supporting life science classes, the health science core, and a specialty track. The degree will be designed to meet the needs of two student populations.

Option One:

Allows students who have completed an Associate Degree in an allied health field from an accredited program to build on their knowledge base and enhance their opportunities for advancement in management and health promotion.

Option Two:

Is available for students who do not have a health profession background but would like to pursue a Bachelor of Health Science degree. As a major, students will blend three areas of emphasis that is comprised of the Health Science Core requirements, health education, and health systems management.

Major requirements for the B.S. in Health Sciences

Health Systems Management Track

Required semester hours

43 sh

Prerequisites and supporting courses

BIOL 1250, 2100 (Physiology of Disease), 2930; CHEM 1021, 1031, STAT 1490

Required core courses

HSC 2100, 2800; NURS 3540, 4240, 4540

Health Systems Management Track

BSE 2110, 2211, 2310, 2610, 3520; HSC 3800, 4010; SBNM 5250, 5510

Notes

Students during their senior year may take a maximum of 3 graduate courses with permission of the Nursing and Health Science Division.

2100 **Introduction to the Health Sciences (4 sh)**
This course serves as an introduction to the field of health science. The student will develop an understanding of the health care system in the United States and the professions which impact it. The student will be learning how to navigate the health care resources and acquire knowledge of how health care is delivered.

2800 **Intro to Epidemiology (2 sh)**
Provides skills to apply a population focused approach to identification of health problems. Identifies epidemiological findings to be used as a basis for improving health. Provides the learner with basic epidemiological concepts, statistics, and applications such as descriptive epidemiology and health indicators, to read and interpret epidemiologic studies. Provides the tools to apply practical disease concepts, public health requirements, and epidemiological concepts toward improving public health via programs such as Healthy People initiatives and immunization projects. Prerequisite: STAT 1490.

3800 **Regulatory and Oversight Issues in Health Care (2 sh)**
The course explores how legal, policy, and political considerations influence legislative enactments and administrative agencies' regulatory policies in the health care arena. The first part of the course will examine policy and political reasons for government intervention at the state and federal level. The second unit will review the manner in which administrative agencies' implement health care statutes. The third unit will address health care enforcement and compliance issues.

4010 **Health Science Practicum and Capstone (5 sh)**
The Health Science Practicum and Capstone project provides an opportunity for students to gain hands-on experience and to explore career options in their selected health care field. The student will complete the practicum in the healthcare science track of the student's choosing such as leadership and management. The capstone project will be imbedded in this experience. This project will require the student to demonstrate critical analysis of data and development of plan to respond to an issue generated during their practicum experience.

History (HIST)

Rabe (chair), Ayot, Koeller

The study of history is an essential component of one's understanding of God, self, and others. It engages students deeply and actively in their own world through disciplined reflection on the significant persons, events and dynamics which have helped to create it and give it meaning. History gives students both breadth and depth of understanding through comparative study of world civilizations and their development over time. The major in History provides specialized courses in the history of the United States, Europe, Africa, and the Middle East. It provides the tools of critical analysis, evaluation of evidence, and historical argumentation, and examines the methodologies and schools of historical writing. As stewards of public memory, historians have a unique calling to serve the community, the Church, and the world.

Major requirements for the B.A. in History

Required semester hours

36 sh

Required core courses

HIST 2120, 2200, 2210 and 4010; Students who declare a History major after having completed the Core Curriculum Global Themes in History course may substitute that course for either HIST 2200 or 2210.

Electives

20 sh of 3000 level seminars with the following distribution:

Ancient or Medieval (4 sh)

Modern Europe (4 sh)

Non-Western (4 sh)

United States (4 sh)

Elective (4 sh)

In addition, students will take at least one course each from English, Philosophy, and Art, and one course from either Political Science or Sociology.

Notes and Restrictions

The history department shares with other departments in the Faculty of Humanities a common spirit and orientation toward the search for the truth. We require history majors to enhance their major learning experiences with at least one course each in Philosophy, Art, and English. Students are encouraged to consult their advisor for suggestions about particular courses. Students with a double major or those obtaining a secondary teaching certificate are exempt from the Humanities co-requirements. Presentation of the senior seminar research at a History Department conference and presentation of a major portfolio are required for graduation.

Honors

For departmental honors in History, students must apply no later than the second semester of their third year. The student must earn 8 sh of HIST 4000 in addition to the credit required for a major in History. For general Departmental Honors requirements and HIST 4000 course description, see appropriate sections of this catalog.

Minor requirements in History

Required semester hours

20 sh

Electives

One of the following: HIST 2110 or 2120; One of the following HIST 2200 or 2210. Three courses from seminars numbered 3000 or above, chosen from at least two geographical areas.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1000 **Global Themes in History (4 sh)** GE
An introduction to the cultures, historical developments and global interactions of world history through an intense examination of one of its significant themes.

2110 **United States to 1877 (4 sh)**
Development of a Western civilization on the American seaboard from colonial beginnings to 1877.

2120 **United States Since 1877 (4 sh)**
Development of an industrial and urban society and its political, economic, social, and intellectual significance; emergence as a world power.

2200 **World History to 1500 (4 sh)**
An introduction to the cultures and historical developments of the major world regions and their global interactions from the establishment of sedentary societies to ca. 1500 C.E. This course is required of History majors.

2210 **World History Since 1500 (4 sh)**
An introduction to the cultures and historical developments of the major world regions and their global interactions from ca. 1500 C.E. to the present. This course is required of History majors.

2230 **The Mediterranean World (4 sh)** GE
An introduction to the cultures, historical developments and global interactions of the Ancient World, from the establishment of sedentary societies through the fourth century C.E. For students who entered prior to fall 2013.

2250 **The Atlantic World (4 sh)** GE
An introduction to the cultures and historical developments of the major world civilizations and their global interactions from ca. 1500 C.E. to ca. 1800 C.E.

2260 **The Modern World (4 sh)** GE
An introduction to the cultures and historical developments of the major world regions and their global interactions in the nineteenth, twentieth, and twenty-first centuries.

3130 **History of Rome The Days of Cicero (4 sh)**
A study of the Roman world and its political, institutional and cultural transformations from its origins through the fifth century. The course will focus in particular on the intercultural dynamics of the Empire.

3140 **Society and Culture in the Middle Ages (4 sh)**
An inquiry into the development of the institutional, cultural, and intellectual life of Europe from ca. 300 to ca. 1450. The course will be interdisciplinary in character.

3150 **Religion in the Middle Ages (4 sh)**
An examination of the religious culture, institutions, and thought of medieval Europe and the Mediterranean, with particular attention to Christian, Muslim, and Jewish interaction.

3190 **Topics in Ancient and Medieval History (4 sh)**
Intensive exploration of a particular theme within the area of Ancient and Medieval history. Emphasis on developing the requisite skills for historical inquiry.

3210 **African History I (4 sh)**
African history from earliest times to 1880. Themes include population movements, trade, state formation, slavery, and the African response to the nineteenth century revolutions.

3220 **African History II (4 sh)**
African history since 1880. Themes include imperialism and the partition of Africa, the establishment of colonial rule and the African response, national liberation movements, and independent Africa.

3230 **Ancient Civilization of Africa (4 sh)**
Early civilizations of the Nile Valley; ancient Egypt; Nubia; Kush; Ajsum; civilization of North Africa; the Phoenecians; the Greeks and Romans in North Africa; the Sahara in classical antiquity; early Christian era in Africa; the historiography of the east coast; peoples and cultures of east, central, and Southern Africa.

3240 **Themes in North African History (4 sh)**
The history of ancient peoples of the Maghrib; foreign invaders; development of the Trans-Saharan trade; international trade; the imperialist scramble; establishment of colonial rule and the struggle for independence; Northeastern Africa: Egypt, the Sudan, and Ethiopia.

3260 **Imperialism and Nationalism in Africa (4 sh)**
Examination of the nature of European Imperialism and Nationalism in Africa with emphasis on European conquest; conquest and occupation; imperialist exploitation and domination; origins and development of nationalism; triumph of the nationalist liberation movements; legacies of colonialism, nationalism and issues of development in the post-independence era.

3290 **Topics in African History (4 sh)**
Intensive exploration of a particular theme within the history of Africa. Emphasis on developing the requisite skills for historical inquiry.

3310 **Middle East to 1453 (4 sh)** GE
An inquiry into the political, cultural, religious, and institutional development of the Middle East from Constantine and the establishment of Byzantium through the rise of the Ottoman Turks.

3320 **Ottoman Empire (4 sh)**
Examination of the complex imperial culture, politics, institutions, and intellectual life of the Ottoman Empire and its interaction with other Middle Eastern and European powers, from 1453 to 1921. The course will focus in particular on the intercultural and interreligious dynamics of the Ottoman world.

3391 **Topics in Middle Eastern History (4 sh)**
Intensive exploration of a particular theme within the history of the Middle East. Emphasis on developing the requisite skills for historical inquiry.

3415 **The Reformation Era (4 sh)**
An inquiry into the movements to reform the Christian Church in Western Europe in sixteenth and seventeenth centuries with special emphasis on Protestantism, Christian Humanism, and Catholic Reformation.

3421 **Scientific Revolution and Enlightenment (4 sh)**
An inquiry into the Scientific Revolution, the Enlightenment, and the evangelical Awakening of the seventeenth and eighteenth centuries.

3431 **The Rise of the State 1550-1789 (4 sh)**
The sovereign national state is one of the unique developments of Western Civilization. This course will trace its development from the Wars of the Religion to the French Revolution.

3440 **Secularization in the Nineteenth and Twentieth Centuries (4 sh)**
This course will trace the increasingly secular character of Western society from the French Revolution to the Eve of World War I. Topics will include Darwin and Evolution, Einstein and Relativity and Marx and Communism.

3450 **Twentieth Century Germany (4 sh)**
A study of Germany from World War I to its reunification in the 1990's, focusing on Weimar and Nazi eras.

3460 **Russia, Soviet Union, and Eastern Europe (4 sh)**
The Russian political, social, and cultural tradition; the revolutions of 1917 and the emergence of Leninism and Stalinism; World War II, the eastern European empire, and the Cold War; stagnation under Brezhnev and reform and revolution in both eastern Europe and the Soviet Union in the Gorbachev era.

3491 **Topics in Modern European History (4 sh)**
Intensive exploration of a particular theme within the history modern Europe. Emphasis on developing the requisite skills for historical emphasis on Protestantism, Christian Humanism, and Catholic Reformation.

3421 **Scientific Revolution and Enlightenment (4 sh)**
An inquiry into the Scientific Revolution, the Enlightenment, and the evangelical Awakening of the seventeenth and eighteenth centuries.

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3491 **Topics in Modern European History (4 sh)**
Intensive exploration of a particular theme within the history modern Europe. Emphasis on developing the requisite skills for historical inquiry.

3515 **The 1960's and American Culture (4 sh)**
American social, cultural, and political history during the 1960's, including 1950's culture, popular politics, the Vietnam War, the Civil Rights Movement, Youth Protest, the Counter Culture, Multiculturalism, Feminism and Gay Activism.

3521 **Immigration and Ethnicity in United States History (4 sh)**
Analysis of the immigration waves that have shaped the American population from the colonial era to the present, including causes of migration; shifting attitudes toward immigrants; immigration policy; economic and social adjustment of newcomers; ideologies of the Melting Pot vs. cultural pluralism.

3531 **Industrialization and Urbanization in Nineteenth Century America (4 sh)**
America's transformation from a geographically compact agrarian republic to an urban, industrial, transcontinental empire. Topics include American nationalism, slavery, the growth of capitalism, urban poverty during the Gilded Age, popular literature and politics.

3540 **American Religious History (4 sh)**
Covers the history of American religions from the Puritan era to the present. The focus of the course will be the history of American Christianity, but will also include the development of uniquely American and world religions. Topics include Puritanism, Evangelicalism, Revivalism and Reform, Mormonism, the Civil War, fundamentalism, Pentecostalism, Immigrant religion, Roman Catholicism, Feminism, African-American voices, and the rise of the Religious Right.

3591 **Topics in U.S. History (4 sh)**
Intensive exploration of a particular theme within the history of the United States. Emphasis on developing the requisite skills for historical inquiry.

4000 **Department Honors in History (4 sh)**
Honors independent study. The student produces a paper at honors level. It must be at least B quality to receive honors credit. Presentation of the paper at a Spring Honors Symposium is required.

4010 **Capstone Seminar (4 sh)**
Capstone seminar in advanced historical research of a major integrative theme. Explicit focus on the sources of history, research methods, trends in historiography, and philosophies of history. Major paper required incorporating insights derived from the course.

4910 **Independent Study in History (1-4 sh)**
Intensive independent study of a topic chosen in consultation with an instructor in the Department of History.

4970 **Internship in History (1-4 sh)**
Please refer to internship requirements and guidelines in another section of this catalog

Honors (HON)

A Place of Achievement and Preparation

North Park prizes its tradition of high acommplishment by students, faculty, and alumni. The North Park University Honors Congress is designed to bring students and faculty into a learning community that promotes academic excellence, rigorous intellectual development, community involvement, campus and community service, leadership development, and vocational direction. A major goal of the Honors Congress is to prepare students for acceptance into graduate schools and for competition for graduate school fellowship programs. Honors Congress students are encouraged to apply for awards and fellowships both in their individual disciplines and in competitive national programs to serve and learn beyond theh undergraduate years. Honors Congress students are assigned mentors to assist them in creating an undergraduate portfolio that will enhance these applications starting in the first year of study. Academic achievement at North Park is also recognized through numerous scholarship and departmental honors that are awarded annually to students demonstrating excellence in the classroom.

Honors Congress

The North Park University Honors Congress brings together students of high academic ability with faculty in a learning community designed to promote academic excellence, rigorous intellectual development, community involvement, service to others, and vocational direction.

Students receiving Trustee and Nyvall Scholars awards upon admission are invited to join the Honors Congress. Completion of the program will result in honors designation and distinction in major at graduation. Transfer students will be invited to join the Honors Congress upon admission to receive distinction in their major.

Requirements of the Honors Congress

Year 1

- Students participate in the Honors Congress.
- Students complete the first year Honors Seminar, 2 sh each in the fall and spring semesters.
- Students attend the Undergraduate Research Symposium.

Year 2

- Students participate in the Honors Congress.
- Students complete at least one GE course with Honors designation.
- Students attend Undergraduate Research Symposium.

Year 3

- Students participate in Honors Societies in their major or as leaders in major clubs.
- Students complete a Community Service Honors Project
- Students attend Undergraduate Research Symposium.

Year 4

- Students participate in Honors Societies in their major or as leaders in major clubs.
- Students complete a Senior Honors Project in their major.
- Students present their Senior Honors Project at the Undergraduate Research Symposium.

Graduate School Application

The Office of Career Development and Internships and individual school deans work with the Director of the Honors Congress to run seminars and plan events to consider graduate education. Vocational exploration undertaken in the first two years becomes actual planning in the second two years of university study.

Internship

Chicago connections explored in the first two years become work place learning environments during the last two years. Students take advantage of the city and put their academic knowledge to the test, gaining valuable experience for choices after graduation.

Rewards of the Honors Congress

The Honors Congress at North Park University provides opportunity for students of promise to excel during their first two years of undergraduate study. If you are highly motivated, and if you are ready to be challenged and to challenge yourself, this program may be for you. We strive to take the Jesus's words "To whom much is given much will be required," and give them special life during your North Park experience. Our philosophy is simply this: The Honors Congress gives students of high intellectual ability an array of learning experiences from which to choose, places them side-by-side faculty mentors who care, and offers guidance and encouragement along the way.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Honors Congress First Year Seminar (2 sh)**
The first of two 1st year Honors courses, designed to stimulate critical and creative thinking on a key virtue of the human person (e.g. imagination, beauty, wisdom, etc.) In its interdisciplinary and multicultural character, the course helps prepare advanced students for an intentional and creative approach to their studies adn future vocation.

1020 **Honors Congress First Year Seminar (2 sh)**
The second of two 1st year Honors courses, designed to stimulate critical and creative thinking on a key virtue of the human person (e.g. imagination, beauty, wisdom, etc.) In its interdisciplinary and multicultural character, the course helps prepare advanced students for an intentional and creative approach to their studies and future vocation. Prerequisite: HON 1010.

4000 **Honors Portfolio (0 sh)**
Reviews academic progress and evidence of program outcomes in the Honors Congress through personal reflection. Student will submit an organized sample of course work and reflections for review. Independent study.

Italian (ITAL)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Italian I (4 sh)** GE
This course introduces students to the basic structures of Italian grammar through written and oral usage. Vocabulary is selected from concrete situations of daily living and a cultural component exposes students to general concepts of Italian life and history. No credit for ITAL 1010 will be granted to students who have completed more than two years of high school Italian within the last five years.

1020 **Basic Italian II (4 sh)** GE
This course introduces students to the basic structures of Italian grammar through written and oral usage. Vocabulary is selected from concrete situations of daily living and a cultural component exposes students to general concepts of Italian life and history. Prerequisite: ITAL 1010.

2010 **Intermediate Italian I (4 sh)**
This course reviews and expands upon the basic structures of Italian grammar through written and oral and usage. Vocabulary begins to introduce topics of increasing length and depth on more abstract and intellectual nature while leading to more complex manipulation of concrete situations. Reading selections from literature and authentic cultural materials are expanded as students are encouraged to create longer oral and written statements of creative expression. Prerequisite: ITAL 1020.

2020 **Intermediate Italian II (4 sh)**
This course reviews and expands upon the basic structures of Italian grammar through written and oral and usage. Vocabulary begins to introduce topics of increasing length and depth on more abstract and intellectual nature while leading to more complex manipulation of concrete situations. Reading selections from literature and authentic cultural materials are expanded as students are encouraged to create longer oral and written statements of creative expression. Prerequisite: ITAL 2010.

4910 **Independent Study in Italian (2-4 sh)**
Independent research in Italian culture or literature, the conditions of which are arranged with the instructor.

Latino and Latin American Studies (LAS)

Latin American Studies is an interdisciplinary program designed to apply the scholarly approach of a number of traditional disciplines, such as sociology, theology, and history, to a consideration of the Latino experience. The program seeks to nurture the student's intellectual, social, and political development through an examination of the rich and multifaceted cultures, literatures, religions, and histories of great wealth and diversity of the Latino peoples.

Students who complete the minor in Latin American Studies should be aware of the unique influence of people of the Latino Peoples on the culture of the West, emphasizing the contribution of Latino Peoples to the economic, social, and political development of America. In addition, they should understand the social problems of the U.S. from a Latino perspective and demonstrate a willingness to be agents of change in the creation of social justice and equality.

Minor requirements in Latino and Latin American Studies

Required semester hours

18 sh beyond SPAN 1020

Prerequisites and supporting courses

SPAN 1020 or equivalent

Required core courses

At least one course selected from LAS and at least one course selected from three of the four remaining areas comprising this minor, (BTS, COMM, SOC, SPAN). Options: BTS 3910; COMM 2750; LAS 3910, 4910; SOC 2090, 2130; SPAN 2130, 3170, 3300, 3400, 3910, 4010.

Notes and restrictions

For Spanish majors, no more than two literature courses may apply to this minor. Some course work for the Latin American minor may be done through North Park's program in Morelia, Mexico, and the Coalition for Christian Colleges and Universities' program in San Jose, Costa Rica.

- Students must complete a form listing the courses they have taken to complete the minor, to be obtained from the department and on the department website.
- Students must turn in a simple portfolio to the chair of the department containing the following:
    1. A statement of their specific goals upon entering the program
    2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
    3. Two samples of student work from each course: completed: projects, essays or exams.

2730 **Speaking Truth to Power: The Politics of Mexicans in America (4 sh)**
Surveys Mexican history from Pre-Columbian Period to the present and emphasizes Mexican American politics. Employs Marxian and Gramscian theory in examining the political influence of such organizations as the League of United Latin American Citizens and the protest rhetoric of Chicano leaders like Cesar Chavez. Examines selected points of common political interests shared by Mexicans and African Americans. Cross-listed with AS 2730.

2950 **Rap Music in Urban America: An Introduction to the Politics of Black And Latino Culture (4 sh)**
The class employs Marxism and Gramscian theory in interpreting rap music specifically and hip hop culture generally as forms of resistance to the oppressive ideas and discriminatory policies of U.S. society. It offers a critical examination of Latino and Black political rappers viewing them as socially conscious activists committed to the uplift of their respective communities. Cross-listed with AS 2950

3910 **Topics in Latin American Studies (4 sh)**
Selected topics in areas of Latin American themes, including but not limited to Latin American History, Latin American Economics, Latin American Politics, Latin American Culture, Latin American Music, etc. Course is repeatable.

4910 **Independent Study in Latin American Studies (1-4 sh)**
Student must have consent of the instructor and chairperson of the division to register for this course.

Library Science (LIB)

2010 **Navigating the Electronic Library (1 sh)**
Instruction and practice in use of print and electronic sources such as CD-ROMs, the Internet, and the World Wide Web. The course stresses the organization and critical assessment involved in searching for and selecting relevant resources for research papers and other library-based assignments.

Mathematics (MATH)

Iliff (chair), Ankney, Gorguis, Kaestner, Mirza

The overall goal of the department of mathematics is to equip its students for a lifetime of learning and service via God's gift of mathematical thought and practice. Some specific objectives include developing in each student: (1) the ability to think rigorously; (2) an understanding of the fundamental principles and techniques of mathematics; (3) an appreciation of mathematics as the primary language of science and an important part of our cultural heritage; (4) the ability to learn independently and to utilize technology effectively for learning and problem solving: (5) the ability to communicate mathematics well in both oral and written form.

Major requirements for the B.A. in Mathematics

Required semester hours

36 sh

Prerequisites and supporting courses

CSIS 1210

Required core courses

MATH 1410, 1490, 1510, 1520, 3010, 3100, 3110, 3210

Electives

8 additional hours in Mathematics, numbered 2000 or higher

Notes and restrictions

A comprehensive examination is required for graduation.

For students in secondary education: The B.A. in Math requires 36 sh in MATH, namely MATH 1410, 1490, 1510, 1520, 3010, 3100, 3110, 3210 , 8 sh in Mathematics, numbered 2000 or higher, as well as CSIS 1210 (4 sh) as a supporting course.

Honors

For Departmental Honors in Mathematics, 4 sh of MATH 4000 are required in addition to the 36 sh for a B.A. Application for admission should be made the second semester of the third year. For general Departmental Honors requirements and MATH 4000 course description, see appropriate sections of this catalog.

Major requirements for the B.S. in Mathematics

Required semester hours

40 sh

Prerequisites and supporting courses

CSIS 1210

Required core courses

MATH 1410, 1510, 1520, 2030, 3050, 3100, 3150, 4010

Electives

8 additional hours in Mathematics, numbered 2000 or higher

Notes and restrictions

A comprehensive examination is required for graduation. An oral presentation of a paper outside the classroom (the paper and venue to be previously approved by the department) is required for graduation.

Honors

4 sh of MATH 4000 are required in addition to the 40 sh for a B.S. Application for admission should be made the second semester of the third year. For general departmental honors requirements and a MATH 4000 course description, see appropriate sections of this catalog.

Minor requirements in Mathematics

Required semester hours

20 sh

Required core courses

20 sh in the Mathematics Department in courses numbered including MATH 1410, 1490, 1510, 1520 and a minimum of 4sh of Mathematics numbered 2000 or higher.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1005 **Practical Mathematics for College Students (4 sh)**
Topics in basic mathematics including solving equations, graphing, substitution to evaluate expressions, order of operations, word problems, translations of units, proportions, real-world modeling problems, fractions, exponential notation and use of calculator. Registration based on score on the mathematics placement test. Developmental courses do not count toward the 120sh graduation requirement but do count towards full-time enrollment status.

1010 **Intermediate Algebra (4 sh)**
Topics in beginning and intermediate algebra such as: equations and inequalities, systems, polynomials, factoring, graphing, roots and radicals, rational functions, and quadratic equations. Designed to prepare students for math classes numbered 1020 or higher and especially for MATH 1150. Developmental courses do not count toward the 120sh graduation requirement but do count towards full-time enrollment status. Prerequisite: MATH 1005 or by math placement.

1020 **Modern Mathematics for Elementary Teachers (4 sh)**
Content and trends in the mathematics usually taught at the elementary school level. Emphasis is on philosophy and concepts of mathematics. Includes computer applications.

1030 **Concepts and Structures (4 sh)** GE
Acquaints students with some of the diversity of mathematics and mathematical thinking through a survey of topics such as symbolic logic, topology, graph theory, modular arithmetic and coding theory, probablity, and the history of mathematics; or by exploring one area in depth. Oral and written work required. Prerequisite: MATH 1005 or MATH 1010 or designated score on the NPU math placement examination.

1150 **Pre-Calculus Mathematics (4 sh)** GE
Analysis of polynomial, rational, algebraic, trigonometric, exponential, and logarithmic functions. Prerequisite: MATH 1010 or by math placement.

1410 **Discrete Mathematics I: Number Theory And Logic (4 sh)** GE
Introduction to mathematical logic and writing proofs, providing a solid foundation for further work in mathematics. Topics include propositional logic, first-order logic, proof techniques, elementary number theory, sets, Boolean algebra, and relations. Students should have completed four years of high school math. Prerequisite: MATH 1010.

1490 **Introductory Statistics (4 sh)** GE
Introduction to applied statistical analysis. Descriptive, correlational, and inferential statistics; concepts of population, sample, sampling distribution; elements of probability; parameters of discrete distributions; hypothesis testing: analysis of proportions, means, and variance; linear regression. Cross-listed with STAT 1490. Prerequisite: MATH 1005 or MATH 1010 with a minimum grade of C or by math placement.

1510 **Calculus I (4 sh)** GE
Beginning calculus, limits and continuity, derivatives, mean value theorem, applications of derivatives, antiderivatives, Riemann Sums, introduction to the definite integrals. Uses computers. Lab included. Student should have completed four years of high school math. Prerequisite: MATH 1150.

1520 **Calculus II (4 sh)** GE
Continuation of MATH 1510. Fundamental theorem of calculus, evaluation of definite integrals, applications of definite integrals, introduction to differential equations, infinite sequences and series. Uses computers. Lab included. Prerequisite: MATH 1510.

2030 **Differential Equations (4 sh)** GE
Study of ordinary differential equations, especially first and second order, with applications to geometry and the physical life sciences. Uses computers. Prerequisite: MATH 1520.

2420 **Discrete Mathematics II (4 sh)** GE
Continuation of Math 1410. Topics selected from counting, combinations and permutations, discrete probability, recurrence relations, graphs and trees. Prerequisite: MATH 1410.

3010 **Introduction to Geometry (2 sh)** GE
A study of Euclidean and non-Euclidean geometries by synthetic, analytic, and transformation methods. Prerequisite: MATH 1410, 1510.

3050 **Vector Calculus (4 sh)** GE
A detailed study of functions of several variables including differentiation, line and surface integrals, and Green and Stokes' theorems. Uses computers. Prerequisite: MATH 1520.

3060 **Real Analysis (4 sh)** GE
Introduction to the fundamentals of real analysis including real numbers, limits, derivatives, and the Riemann integral. Prerequisite: MATH 1410, 1520.

3100 **Linear Algebra (4 sh)** GE
A study of matrices, vector spaces, linear transformations, orthogonality, eigenvalues, and eigenvectors. Uses computers. Lab included. Prerequisite: MATH 1510.

3110 **Modern Abstract Algebra (4 sh)** GE
Study of groups, rings, ideals, integral domains, fields and their applications. Prerequisite: MATH 1410, 1520.

3150 **Statistical Theory (4 sh)** GE
Probability, probability distributions, random variables, numerical and descriptive statistics, and statistical inference. Prerequisite: MATH 1490 or STAT 1490, MATH 1520.

3210 **History of Mathematics (2 sh)** GE
Study of primary sources in mathematics. Focuses on the changing nature of mathematics. Prerequisite: MATH 1410, 1520.

3310 **Complex Analysis (4 sh)** GE
Complex numbers, elementary complex functions, the Cauchy theory, infinite series, the calculus of residues, and introduction to conformal representation. Prerequisite: MATH 3060.

3620 **Numerical Methods (4 sh)** GE
An introduction to numerical methods with computer implementation. Solution of linear, non-linear, and differential equations; interpolation and approximation; numerical integration and differentiation; and error analysis. Prerequisite: MATH 1520.

3910 **Topics in Mathematics (2 or 4 sh)**
In-depth treatment of selected topics. Possible topics include point set topology, philosophy of mathematics, and Dynamical Systems. Prerequisite will depend on the topic.

4000 **Department Honors in Mathematics (4 sh)**
Honors independent study in Mathematics.

4010 **Fourth-Year Seminar (4 sh)**
Capstone course for mathematics major. Students learn to read, analyze, and learn mathematics not contained in standard undergraduate textbooks. Written and oral presentations required. Student must be of fourth-year standing and a mathematics major.

4910 **Independent Study in Mathematics (1-4 sh)**
Independent Study in Mathematics.

4970 **Internship in Mathematics (1-4 sh)**
Please refer to the Internship section for requirements and guidelines.

Middle Eastern Studies (MES)

The purpose of the minor is to offer a concentrated program of study for students interested in exploring the politics, history, and religions of the Middle East. These courses will be supplemental to the student's major field of study. For example, International Business, Politics and Government, History, or Biblical and Theological Studies majors can focus their studies on the Middle East as an aspect of their vocational or graduate school preparation. The Middle Eastern Minor is structured to build upon courses currently available primarily in the Biblical and Theological Studies, History, and Politics and Government departments.

Minor requirements in Middle Eastern Studies

Required semester hours

20 sh

Required core courses

MES 2720; BTS 2700 or MES 2710; HIST 3320; POGO 3370

Elective

Choose one from the following: ARAB 1010 or 1020; COMM 3910: Int'l Conflict Transformation; HIST 3310; POGO 2200, 2300, or 3390

Notes and Restrictions

- Students must complete a form listing the courses they have taken to complete the minor, to be obtained from the department and on the department website.
- Students must turn in a simple portfolio to the chair of the department containing the following:
  1. A statement of their specific goals upon entering the program
  2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
  3. Two samples of student work from each course: completed projects, essays, or exams.

2710 **Children of Abraham: the Three Major Monotheistic Religions of the Middle East (4 sh)**
The course will examine in depth the origins of Islam, Judaism, and Christianity in their respective Middle Eastern contexts. Various sects and denominations within each religion will be studied, noting theological and political differences. Special attention will be given to contemporary political dynamics and manifestations of each religion in the Middle East and North America. Students will have first-hand encounters with local Muslim, Jewish, and Christian leaders and observe how their respective faith communities are adapting to western secular culture. Theological Emphasis. Prerequisite: BTS 1850.

2720 **Palestine and Palestinian Christianity from Pentecost to 2000 (4 sh)**
The course will be a multi-disciplinary survey of Palestinian Christianity from the time of Jesus until the year 2000. Each major period will be studied in terms of the political, historical, theological, and interreligious context of Palestine. Emphasis will be placed on the origins and diversity of early Palestinian Christianity, the initial tension with Judaism, Roman occupation, Byzantine Christianity, Islam, the Crusades, Palestine under the Ottoman Empire, the rose of Zionism and the Israeli-Palestinian conflict, the British Mandate, and the decline of Christianity in contemporary Israel and the Palestinian territories. Students will also be required to complete 12 hours of service learning in a religious or human rights institution related to the issues studies in class.

3910 **Topics in Middle Eastern Studies (2-4 sh)**
An intensive examination of a selected theme.

Music (MUS)

Johnson (dean), Bauer, Davids, Hudgens, Lill, Shofner-Emrich, Zelle

The mission of North Park University's School of Music is to prepare students to lead lives of significance and service through music. The School of Music, Christian in identity, welcomes students of all perspectives and embraces music of diverse cultures and traditions. The faculty is committed to supporting and guiding students towards realizing their potential. The music community seeks to share its gifts outwardly through service to others and inwardly through a deeper sense of meaning and connection. The North Park University School of Music is enriched by the diverse cultural experiences and musical opportunities afforded by our location in the city of Chicago. The School of Music offers a curriculum that fosters an inclusive, multicultural perspective, cultivating the student's ability to evolve holistically.

To facilitate these aims for music majors, three degrees are offered. The Bachelor of Arts in Music is a broad-based liberal arts degree. The Bachelor of Music in Performance is a professional program and is, therefore, more intensive in academic and applied music studies. The Bachelor of Music in Education (choral and instrumental) is a professional program which results in K–12 certification qualifying graduates to teach music in the Illinois public school system. The Bachelor of Music in Music in Worship is a professional program, equipping students with a broad set of skills required for ministry in the 21st century Christian church. All music majors must maintain a minimum grade point average of 2.5 in their academic music courses and a 3.0 in applied music. All programs are accredited by the National Association of Schools of Music (NASM).

Four other North Park University academic programs require emphasis in music studies. The music concentration of the Early Childhood/Elementary Education major meets state requirements as administered through the School of Education. The music minor and music in worship minor are designed to provide basic training in theory, history, aural skills, and performance and can be combined with most majors outside of music. The Certificate in Music for Social Change is an eight-semester-hour undergraduate certificate designed for students enrolled in any degree track in music who seek more knowledge of, and experience with, the El Sistema-inspired philosophy of music instruction, and music-related social change.

Application Process

As soon as possible after applying to the University, prospective music majors, minors, and concentrations must be evaluated for acceptance into the School of Music. The evaluation will consist of a theory placement exam and keyboard placement (if applicable), sight reading, and an audition. Repertoire requirements vary by instrument. See website for details.

To audition for a music scholarship, students must submit an online audition request form, and a resume listing previous musical study, musical activities, and goals for further music study. Recordings are acceptable although a live audition is preferred. If an audition is not possible on our published audition days, an individual audition date may be arranged, but is not guaranteed. Auditions scheduled after our published audition dates may not receive full music scholarship consideration. Any non-music major with previous music training and experience who wishes to be considered for a music scholarship should follow the same procedure as outlined above.

Following one year of music study, prospective music majors must apply for acceptance into their music major of choice. At the point of application and beyond, students must have and maintain a minimum 2.0 overall GPA, 2.5 academic music course GPA, and 3.0 applied music GPA.

Additional requirements for acceptance into each major may apply. Please see the Undergraduate School of Music Handbook for details.

Honors

For the general requirements of the University, see the Honors section in this catalog. To be eligible for admission into the School of Music Honors Program the students must meet the following criteria:

1. Students must be at least a second semester third-year student.
2. Students must have completed all course work as prescribed by their major through the first semester of the third year.
3. Students must have demonstrated superior accomplishment in academic and/or performance areas and a highly developed sense of individual initiative.
4. Students must gain sponsorship of a supervising faculty member.
5. Students must obtain an application from the Dean of the School of Music and submit it, stating the nature of the proposal, for approval by the School of Music. Students who meet the requirements of both the School of Music and the University and successfully complete the honors project will receive a baccalaureate degree with honors.

Additional details can be found at www.northpark.edu/music.

Major requirements for the B.A. in Music (with a concentration General Music)

Required semester hours

40 sh

Prerequisites and supporting courses (4 sh)

MUS 2060

Required core courses

MUS 1005

Music History (6 sh) 3010, 3020

Theory (20 sh): 1080, 1110, 1120, 2110, 2120, 2130, 2140, 3130, and 3140

Performance Practica (0 sh): 0100 (8 semesters); Keyboard Skills (0 sh): 1010 and 1020, Level II Proficiency required

Ensemble (0 sh, 4 years):

Brass, Percussion, String or Woodwind: Required 4 years: (strings) MUS 0750, (brass/woodwind/percussion) MUS 0700 or MUS 0725

Guitar: Required at least 2 years in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in MUS 0855, MUS 3770, MUS 3850.

Piano and Organ: Required at least 2 years in or accompanying an ensemble (based on ability) such as the MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in or accompanying MUS 0855 or MUS 3770.

Voice: Required at least 3 years in MUS 0800 or MUS 0810. No more than 1 year in MUS 0855 or MUS 3890.

Applied Music (12 sh)

Major requirements for the B.A. in Music (with a concentration in Arts Administration)

Required semester hours

40 sh

Prerequisites and supporting courses (4 sh)

MUS 2060; BSE 2211

Required core courses

MUS 1005

Music History (6 sh): 3010, 3020
Theory (16 sh): 1080, 1110, 1120, 2110, 2130, 2140, and 3130

Performance Practica (0 sh): 0100 (8 semesters); Keyboard Skills (0 sh): 1010 and 1020, Level II Proficiency required

Ensemble (0 sh, 4 years):

Brass, Percussion, String or Woodwind: Required 4 years: (strings) MUS 0750, (brass/woodwind/percussion) MUS 0700 or MUS 0725

Guitar: Required at least 2 years in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in MUS 0855, MUS 3770, MUS 3850.

Piano and Organ: Required at least 2 years in or accompanying an ensemble (based on ability) such as the MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in or accompanying MUS 0855 or MUS 3770.

Voice: Required at least 3 years in MUS 0800 or MUS 0810. No more than 1 year in MUS 0855 or MUS 3890.

Applied Music (6 sh):

Arts Administration (12 sh): NONP 2710 (2 sh); NONP 3710 (4 sh); MUS 3500 (2 sh); MUS 4970 (4 sh)

Major requirements for the B.A. in Music (with a concentration in Composition)

Required semester hours

40 sh

Prerequisites and supporting courses (4 sh)

MUS 2060

Required core courses

MUS 1005

Music History (6 sh) 3010, 3020

Theory (24 sh): 1080, 1110, 1120, 2000, 2110, 2130, 2140, 3130, 3140, 4160 and one from: 3150, 4150, 4165, or 4175

Performance Practica (2 sh): 0100 (8 semesters); Keyboard Skills (0 sh): 1010 and 1020, Level II Proficiency required; 2155 (2 sh); AMUS 4900

Ensemble (0 sh, 4 years):

Brass, Percussion, String or Woodwind: Required 4 years: (strings) MUS 0750, (brass/woodwind/percussion) MUS 0700 or MUS 0725

Guitar: Required at least 2 years in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in MUS 0855, MUS 3770, MUS 3850.

Piano and Organ: Required at least 2 years in or accompanying an ensemble (based on ability) such as the MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in or accompanying MUS 0855 or MUS 3770.

Voice: Required at least 3 years in MUS 0800 or MUS 0810. No more than 1 year in MUS 0855 or MUS 3890.

Applied Music (8 sh): must include 4 sh of AMUS 1090

Major requirements for the B.A. in Music (with a concentration in Jazz Studies - Instrumental)

Required semester hours

40 sh

Prerequisites and supporting courses (4 sh)

MUS 2060

Required core courses

MUS 1005

Music History (6 sh) 3010, 3075

Theory (22 sh): 1080, 1110, 1120, 2110, 2120, 2130, 2140, 3130, 3150 and 4175

Performance Practica (2 sh): 0100 (8 semesters); Keyboard Skills (0 sh): 1010 and 1020, Level II Proficiency required; MUS 3155 (2 sh); AMUS 4900

Ensemble (0 sh, 4 years): 0700, 0725 and/or 3710, by advisement.

Applied Music (10 sh): by advisement.

Major requirements for the B.M. degree in Performance

Required semester hours

64 sh (voice and string track, additional 4sh)

Prerequisites and supporting courses (4 sh)

MUS 2060

Required core courses

MUS 1005

Music History (8 sh): 3010, 3020; one from 3015 or 3910 (when the topic is music history focused)

Theory (24 sh): 1080, 1110, 1120, 2110, 2120, 2130, 2140, 3130, 3140, 4150, and 4160

Performance Practica (8 sh, strings 12 sh): 0100 (8 semesters); Keyboard Skills: 1010, 1020 and 1030, Level III Proficiency; 2155, 3170

- Brass majors (4 sh): 3700
- Guitar majors (4 sh): 3850
- Percussion majors (4 sh): 3760
- Piano majors (4 sh): 3350
- String majors (8 sh): 3750
- Voice majors (4 sh): 3450, 3455
- Woodwind majors (4 sh): 3725
- Instruments not listed: consult with the School of Music

Pedagogy/Literature (4 sh, voice 8 sh):

- Brass majors: 3600, 3610
- Guitar majors: 3640, 3650
- Percussion majors: consult with faculty advisor
- Piano majors: 3300, 3310
- String majors: 3200, 3210
- Voice majors: 2401, three from 2402, 2403, 2404, 2405; 3401, 3402, 3410
- Woodwind majors: 3620, 3630
- Instruments not listed: consult with the School of Music

Ensemble (0 sh, 4 years):

Brass, Percussion, String and Woodwind majors: Required 4 years: (strings) MUS 0750, (brass/woodwind/percussion) MUS 0700 or MUS 0725

Guitar majors: Required at least 2 years in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in MUS 0855, MUS 3770, or MUS 3850.

Piano and Organ majors: Required at least 2 years in or accompanying MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in or accompanying MUS 0855 or MUS 3770.

Voice majors: Required 4 years in MUS 0800 or MUS 0810

Applied Music (16 sh)

Electives

2 sh from any MUS courses

Other Requirements

Third-year recital (AMUS 3900) and Fourth-year recital (AMUS 4900)

Major requirements for the B.M. degree Music in Worship

Prerequisites and supporting courses (4 sh)

MUS 2060

Required semester hours

68 sh in Music; 9 sh in Biblical Studies

Required Core Courses

MUS 1005

Music History (6 sh) 3010, 3020

Theory (20 sh) 1080, 1110, 1120, 2110, 2120, 2130, 2140, 3130, 3150

Composition/Technology (6 sh) 2155, 4160, 4175

Keyboard (2 sh) Keyboard Skills: 1010, 1020, 1030 Level III Proficiency; 1040

Practicum (10 sh) 2210 (1/1), 3170, 3180, 4980

University Worship – 2 semesters

Seminary Worship – 2 semesters

Performance and Literature Studies (should be formatted like Musicianship Core Courses)

Church Music (4 sh) 3660, 3670, 4250

Applied Music (18 sh) AMUS 1110/1130 or 1335/1340 (8); 1200 (2); by advisement (8)

MUS 0100 (0 sh); 8 semesters

Ensemble (0 sh, 4 years);

Guitar: Required at least 2 years in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. No more than 2 years in MUS 0855 or MUS 3890. Optional, no more than 1 year in a leadership position of University Ministries Worship Team.

Piano and Organ: Required at least 2 years in or accompanying MUS 0700, MUS 0800 or 0810. No more than 2 years in or accompanying MUS 0855 or MUS 3890. Optional, no more than 1 year in a leadership position of University Ministries Worship Team.

Voice: Required at least 2 years in MUS 0800 or MUS 0810. No more than 2 years in MUS 0855 or MUS 3890. Optional, no more than 1 year in a leadership position of University Ministries Worship Team.

Foundations of Worship Studies (9 sh)

BTS 3660, 3661, 3670, 3680, 3920

Electives (6 sh) any coursework at the university unless an emphasis is chosen below.

Composition emphasis 4150, 4155, 4165

Choral conducting emphasis 2401, 2402, 3401, 2 sh of elective (MUS 3402 strongly recommended)

Keyboard emphasis (for students whose major instrument is either piano or organ): 3350 (taken for two semesters); 4 sh of elective

Major requirements for the B.M.E. (Bachelor of Music Education) degree

Required semester hours

59 sh in music; 36 sh in education

Prerequisites and supporting courses (4 sh)

MUS 2060

Required core courses

Music

Music History (8 sh): 3010, 3020; one from 2050, 3015, 3075, or 3910 (when the topic is music history focused)

Theory (22 sh): 1080, 1110, 1120, 2110, 2120, 2130, 2140, 3130, 3140, and 4160

Performance Practica (6 sh): 0100 (7 semesters), Keyboard Skills: 1040 Level IV Proficiency; 3170, and 3180

Ensemble (0 sh): Required 7 semesters in MUS 0700, MUS 0725, MUS 0750, MUS 0800 or MUS 0810. Students are strongly encouraged and advised to participate in Gospel Choir and Chamber Ensembles.

Applied Music (12 sh): Voice track (voice 9sh, piano 3sh), Piano track (piano 9sh, voice 3sh), Instrumental track (instrumental 9sh, voice 1sh, piano 2sh)

Music Education

All Majors (11 sh): MUS 3307, 3408, 3409; Three of the following: 2080, 2081, 2082, 2083

Voice and Piano Majors: 2401, 2402, 3401, 3402

Instrumental Majors: 3080, 3081, 3082, and 3083

Professional Education

EDUC 2120, 2130, 2140, 2145, 3011, 3130, 3170, 3315, 3430, 3510, 3520, 4110, 4120 and 4600 See Education Department section of the catalog for course descriptions.; MUS 2155

General Education

(NPU and State of Illinois) Refer to School of Education catalog section.

Music concentration requirements in Early Childhood or Elementary Education Major

Required semester hours

18 sh in music, (beyond the general education requirements for certification)

Prerequisites and supporting courses

See Education section of this catalog

Required core courses

Music History (2 sh): 2050

Theory (8 sh): 1080, 1110, 2130

Performance Practica (6sh): (0 sh): 0100 (4 semesters); MUS 1010 & 1020: Keyboard Skills: Level II proficiency; 3170

Ensemble (0 sh): 0700, 0725, 0750, 0800 or 0810 (2 years)

Applied Music: 2 sh

Minor requirements in Music

Required semester hours

22 sh in music

Required core courses

Music History (6 sh): 3010, 3020

Theory (12sh): 1080, 1110, 1120, 2130, and 2140

Performance Practica (2 years, 0 sh): 0100 (4 semesters)

Keyboard Skills (0 sh): Level II proficiency

Ensemble (2 years, 0 sh): 0700, 0725, 0750, 0800 or 0810

Applied (4 sh)

Minor requirements in Music in Worship

Required semester hours

23 sh

Required core courses

Church Music (7 sh): 2040, 2210 (1/1), 3660, 3670

Theory (12 sh): 1080, 1110, 1120, 2130, 2140

Performance Practica (2 years, 0 sh): 0100 (4 semesters)

Campus Worship (0 sh, 1 yesr): Must be involved in University Ministries chapel planning or music team;

Keyboard Skills (0 sh): Level II proficiency

Ensemble (2 years, 0 sh): 0700, 0725, 0750, 0800, 0810 or 0850

Applied (4 sh) taken for 4 semesters at 1 semester hour each

Requirements for the Certificate in Music for Social Change

Required semester hours

8 sh

Required core courses

MUS 1600 (1sh)

MUS 2083 (1sh) and MUS 3083 (1sh) or MUS 3210 (2sh)

MUS 3690 (2sh)

3 semesters of MUS 4970 (1sh each)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

0100 **Student Recital (0 sh)**
This course is designed to offer students opportunities to listen to a variety of concerts and recitals, and to perform as soloists as well. In addition, guest artists conduct master classes on occasion during the Thursday afternoon sessions. Students registered for this course have a set number of requirements to attend General and Class Recitals that occur on Thursday afternoons, evening and weekend concerts and recitals from the School of Music Concert Calendar. Students also have specific performance requirements associated with the General and Class Recitals.

0700 **Jazz Ensemble (0 or 1 sh)** GE
A select group of wind, rhythm, and percussion players determined by audition. Repertoire includes music for large jazz groups from the big band era to the present. An on-campus concert is presented each term, along with occasional outside performances.

0725 **Concert Band (0 or 1 sh)** GE
Open to all wind and percussion players, this group is dedicated to the performance of wind ensemble music, both original music and transcriptions. Performances include on-campus concerts each term.

0750 **University Orchestra (0 or 1 sh)** GE
Devoted to the study and preparation of orchestral literature from the Baroque era to the present through regular rehearsal and performance. All instrumentalists are welcome. Principal positions and general seating are determined by audition.

0800 **University Choir (0 or 1 sh)** GE
A select group of experienced choristers, determined by audition. Emphasis is placed on vocal development and performance, with major appearances annually on and off campus, and with regular national and foreign tours. The University Choir performs a varied repertoire of sacred and secular music. Cross-listed with MUS 5800.

0810 **Women's Chorale (0 or 1 sh)** GE
A select group of female singers determined by audition. Emphasis is placed on vocal development and performance, with major

appearances annually on and off campus, and with national and foreign tours periodically. The Women's Chorale performs a varied repertoire of sacred and secular music.

0850 **Gospel Choir (0 or 1 sh)**
Open to all singers, the Gospel Choir performs music that originates in the African American religious experience, including both traditional and contemporary repertoire. The choir performs two concerts a year on campus.

0855 **Gospel Choir Touring Ensemble (0 or 1 sh)** GE
A select ensemble of singers drawn from the larger Gospel Choir by audition. The repertoire features all forms of gospel as well as traditional spirituals. The emphasis is on off-campus performances with a major tour every other year.

1000 **Music Appreciation (2 sh)** GE
Introduction to the art of music in Western civilization, and its elements, styles, and masterworks from the Middle Ages to the present. Emphasis on repertoire study, listening, and concert attendance. On and/or off-campus concert attendance required. For the non-music major. Cannot be applied toward a major or minor in music.

1005 **Introduction to the Music Profession (2 sh)**
Introduction to the Music Profession offers Bachelor of Arts or Music students to begin to make connections between their music study, the total academic program, and post-undergraduate activities. It will also provide a setting in which to share perceptions about intended professions; this process will then in turn create a supportive atmosphere to ease the transition from high school and prior artistic settings, to college, and eventually to the workplace. Guests who work in a variety of music fields will be invited to selected classes, and students will be assigned readings that will act as a basis for in-class discussions. Other goals of the course include an intensive focus on the ethical dimensions of the music profession, and an exploration of professional habits that will support success in the future.

1010 **Keyboard Skills I (2 sh)**
For students with little or no piano study. Functional keyboard harmony, scales, transposition, simple score reading, sight-reading, improvisation, and repertoire. For music majors, minors, and concentrations. Placement by piano faculty.

1020 **Keyboard Skills II (2 sh)**
For students with some piano study. Functional keyboard harmony, scales, transposition, simple score reading, sight-reading, improvisation, and repertoire. For music majors, minors, and concentrations. Prerequisite: MUS 1010 with a grade of C- or placement by piano faculty.

1030 **Keyboard Skills III (2 sh)**
For students with a minimum of 2-4 years of piano study. Functional keyboard harmony, scales, transposition, score reading, accompaniments, sight-reading, improvisation, repertoire and skills required for specific majors. For music majors as required by degree track. Prerequisite: MUS 1020 with a grade of C- or placement by piano faculty.

1040 **Keyboard Skills IV (2 sh)**
For students with a minimum of 3-5 years of piano study. A highly focused and practical approach to the performance of music materials commonly used in music education and worship programs. Areas of study include: advanced score reading using C clefs; transpositions, and keyboard improvisation. For music majors as required by degree track. Prerequisite MUS 1030 with a grade of C- or by placement of piano faculty.

1060 **Fundamentals of Music I (1 sh)**
Study of pitch and rhythmic notation, meter, key signatures, major scales. Designed as a remedial class for music students or as an introductory class for non-majors. Does not fulfill GE requirements or music major elective requirements.

1065 **Fundamentals of Music II (1 sh)**
Continuation of MUS 1060. Study of rhythm and meter, minor scales, intervals. Does not fulfill GE requirements or music major elective requirements.

1080 **Introduction to Musicianship (4 sh)**
An introduction to basic skills and concepts that are foundational to further studies in music. Topics in music theory, aural skills and keyboard harmony will be taught against the contextual background of a broad overview of stylistic periods in music history. Prerequisite: MUS 1060 or placement test.

1110 **Aural Skills I (2 sh)**
Sight singing and ear training through an aural approach to music rudiments including recognition, reproduction, and dictation. Includes rhythms, scale degrees, intervals, melodies and harmony in diatonic music of graded difficulty. Prerequisite: MUS 1080 or placement test.

1120 **Aural Skills II (2 sh)**
Continuation of sight singing and ear training through an aural approach to music rudiments including recognition, reproduction, and dictation. Includes rhythms, scale degrees, intervals, melodies and harmony in a diatonic music of graded difficulty. Prerequisite: MUS 1110 with a minimum grade of C- or placement test.

1600 **El Sistema (1 sh)**
An introduction to the El Sistema Philosophy of Music Instruction. The course will include information about the history of El Sistema; current developments in the movement; specific case studies of El Sistema-inspired programs in Venezuela, the United States and other countries; and other pertinent topics related to this philosophy of music instruction. Resources from greater Chicago and YOURS community will be linked to the curriculum of this course.

2000 **Introduction to Composition (2 sh)**
Introduction to the craft of composition. Exercises and guided projects aimed at honing technique and developing a personal voice. Co-requisite: MUS 2130 or by permission of instructor.

2050 **Contemporary American Popular Music (2 sh)** GE
A study of American popular music from the birth of rock-and-roll in the 1950s to the present. The basic elements of music will also be covered. Individual works are analyzed and placed within their cultural and historical frameworks. Listening and analysis.

2060 **World Music in Cultural Perspective (4 sh)** GE
An introduction to the cultures and historical developments of major world regions and their global interactions, focusing on the nineteenth, twentieth, and twenty-first centuries, using music as the primary form of cultural analysis. Music will be studied from an ethno-musicological perspective to provide insight into several world cultures and the historical events that shaped them. Listening and analysis will be components of this course.

2080 **Applied Methods: Brass (1 sh)**
Introduction to the fundamentals of applied techniques specific to various instruments in the brass family.

2081 **Applied Methods: Woodwind (1 sh)**
Introduction to the fundamentals of applied techniques specific to various instruments in the woodwind family.

2082 **Applied Methods: Percussion (1 sh)**
Introduction to the fundamentals of applied techniques specific to various instruments in the percussion family.

2083 **Applied Methods: Strings (1 sh)**
Introduction to the fundamentals of applied techniques specific to various instruments in the string family.

2110 **Aural Skills III (2 sh)**
Sight singing and ear training through an aural approach to more advanced music including recognition, reproduction, and dictation. Includes rhythms, intervals, an introduction of chromaticism in scale patterns, melodies, and harmony. Prerequisite: MUS 1120 with a minimum grade of C- or placement test.

2120 **Aural Skills IV (2 sh)**
Sight singing and ear training through an aural approach to advanced music including recognition, reproduction, and dictation. Includes rhythms, intervals in an atonal context, more advanced chromaticism in scale patterns, melodies, harmony, and formal analysis. Prerequisite: MUS 2110 with a minimum grade of C- or placement test.

2130 **Music Theory I (2 sh)**
Study of basic elements of diatonic music. Topics include triadic harmony, non-chord tones, melodic organization, phrase structure, cadences. Prerequisite: MUS 1080 or placement test.

2140 **Music Theory II (2 sh)**
Continuing study of the principles of diatonic music. Topics include elements of melodic structure; pitch and rhythm, embellishing tones, melodic form and composition, and part writing with triads and seventh chords. Prerequisite: MUS 2130 with a minimum grade of C- or placement test.

2155 **Technology in Music (2 sh)**
An introduction to current software programs and their applications for music education, composition and production. Music graphics, sequencing and pedagogical software and hardware will be used in this course. Prerequisite: MUS 2130 or by permission of instructor.

2210 **Integration (1 sh)**
Provides feedback and coaching for students involved in regular campus worship services. Team building, msuic selection, technical aspects and spiritual components of worship leading are discussed. May be repeated for credit.

2401 **Lyric Diction: IPA and Latin (1 sh)**
An overview of the sounds of Latin and basic rules for pronunciation using the International Phonetic Alphabet. Previous language study is desirable but not necessary. A supplement to traditional language study focusing on authoritative pronunciation for the unique needs of singers and choral conductors. Includes lecture, written tests, and assignments. This course is a prerequisite for all other diction courses. Cross-listed as MUS 5421. Prerequisites: 2 Semesters of AMUS 1200

2402 **Lyric Diction: Spanish and English (1 sh)**
An overview of the sounds of Spanish and English and basic rules for pronunciation using the International Phonetic Alphabet. Previous language study is desirable but not necessary. A supplement to traditional language study focusing on authoritative pronunciation for the unique needs of singers and choral conductors. Includes lecture, written tests, and assignments. Cross-listed as MUS 5422. Prerequsite MUS 2401.

2403 **Lyric Diction: Italian (1 sh)**
An overview of the sounds of Italian and basic rules for pronunciation using the International Phonetic Alphabet. Previous language study is desirable but not necessary. A supplement to traditional language study focusing on authoritative pronunciation for the unique needs of singers and choral conductors. Includes lecture, written tests, and assignments. Cross-listed as MUS 5423. Prerequsite MUS 2401.

2404 **Lyric Diction: German (1 sh)**
An overview of the sounds of German and basic rules for pronunciation using the International Phonetic Alphabet. Previous language study is desirable but not necessary. A supplement to traditional language study focusing on the authoritative pronunciation for the unique needs of singers and choral conductors. Includes lecture, written tests, and assignments. Cross-listed as MUS 5424. Prerequsite MUS 2401.

2405 **Lyric Diction: French (1 sh)**
An overview of the sounds of French and basic rules for pronunciation using the International Phonetic Alphabet. Previous language study is desirable but not necessary. A supplement to traditional language study focusing on authoritative pronunciation for the unique needs of singers and choral conductors. Includes lecture, written tests, and assignments. Cross-listed with MUS 5425. Prerequsite MUS 2401.

3000 **Music Bibliography (1 sh)**
An introduction to the basic canon of library resources in music research. Study will include general library resources, bibliographies of composers, music, music literature, and music sources. It will give a broad view of dictionaries, encyclopedias, discographies, dissertations, and Festschriften as well as histories, library catalogs, periodicals, periodical indexes, thematic catalogs, monuments and electronic resources. A key project in the class will be providing an appropriate bibliography for a selected research topic. Cross-listed with MUS 5000. Prequisite: MUS 2140,

3010 **Music History and Literature I (4 sh)** GE
This survey of the history of western music from the Baroque period through the mid-Romantic period is designed to familiarize students with the genres, musical styles and important personalities of the eras. Through active listening and analysis, students will become familiar with the musical styles of the periods. Structured writing assignments will reflect professional scholarship in the field of music. Prerequisite: MUS 2140.

3015 **Medieval and Renaissance Music (2 sh)**
A historical study of music, compositional techniques and aesthetic concepts beginning with Ancient Greece and Rome, the Middle Ages proceeding through the late Renaissance. Listening and analysis. Pre/Co-requisite: MUS 2140.

3020 **Music History and Literature II (2 sh)** GE
This survey of the history of western music from the late Romantic period through the present time is designed to familiarize students with the genres, musical styles and important personalities of the eras. Through active listening and analysis, students will become familiar with the musical styles of the periods. Structured writing assignments will reflect professional scholarship in the field of music. Prerequisite: MUS 3010 or permission of instructor.

3025 **Baroque Music (2 sh)** GE
A historic survey of instrumental, vocal and operatic music literature from the development of figured bass to the works of Johann Sebastian Bach. Reading, listening and analysis. Co-requisite: MUS 2140.

3035 **Music of the Classic Period (2 sh)**
A survey of the Classical Period in the eighteenth century through the mature works of Haydn, Mozart and Beethoven. Reading, listening and analysis. Co-requisite: MUS 2140.

3045 **Music of the Romantic Era (2 sh)** GE
Using Masterworks from the early nineteenth century, an introduction to the main genres and styles of Romanticism through the late Romantic music of Mahler, Strauss and Bruckner. Reading, listening and analysis. Co-requisite: MUS 2140.

3065 **20th Century to the Present (2 sh)**
The main genres and compositional techniques of European and American mainstream music. Major twentieth century aesthetic concepts and issues, (such as Impressionism, Symbolism, Expressionism, the Second Viennese School, Primitivism, Futurism, Neoclassicism, Nationalism, Serialism, and the international Avant-Gardes) will be analytically studied. Co-requisite: MUS 2140.

3075 **Jazz History (2 sh)**
A survey of the history of jazz. The material will be approached through selected readings, recorded listening examples, classroom discussion, and special projects.

3080 **Pedagogical Methods: Brass (1 sh)**
Intermediate applied techniques and pedagogical methods for teaching beginning and intermediate players. Prerequisite: MUS 2080.

3081 **Pedagogical Methods: Woodwinds (1 sh)**
Intermediate applied techniques and pedagogical methods for teaching beginning and intermediate players. Prerequisite: MUS 2081.

3082 **Pedagogical Methods: Percussion (1 sh)**
Intermediate applied techniques and pedagogical methods for teaching beginning and intermediate players. Prerequisite: MUS 2082.

3083 **Pedagogical Methods: Strings (1 sh)**
Intermediate applied techniques and pedagogical methods for teaching beginning and intermediate players. Prerequisite: MUS 2083.

3130 **Music Theory III (2 sh)**
Study of principles of chromaticism in tonal music, including secondary functions, modulation, mode mixture, altered predominants and other advanced chromatic harmony. Formal analysis, introduction to counterpoint, study of inventions and fugue. Short composition projects and analysis of 19th century works. Prerequisite: MUS 2140 with a minimum grade of C- or placement test.

3140 **Music Theory IV (2 sh)**
Study of compositional techiques in late 19th and 20th century music. Topics include linear chromaticism, use of synthetic scales and modes, post-tonal techniques in both centric, freely atonal and serial contexts. Introduction to pitch-class set theory. Analysis of major works in each of these areas. Prerequisite: MUS 3130 with a minimum grade of C- or placement test.

3150 **Jazz/Pop Theory (2 sh)**
Harmonic studies in jazz and pop idioms. Literature analysis, harmonization of melodies, keyboard realization and voicing. Projects include small arrangements and original compositions. Prerequisite: MUS 3130.

3155 **Jazz Keyboard (2 sh)**
This class will include the voicing of jazz chords; the techniques of harmonization; an exposure to jazz styles on the piano; and other appropriate concepts, building on the knowledge gleaned in MUS 3150 - Jazz/Pop Theory. Prerequisite: MUS 3150.

3170 **Conducting I (2 sh)**
Beginning and intermediate conducting skills: beat patterns, baton technique, use of face, eyes, left hand; basic rehearsal planning; score preparation; psychology of conducting. An introduction to choral and instrumental methods and materials. Co-requisite: MUS 2140 or placement test.

3180 **Conducting II (2 sh)**
An advanced study of the conducting concepts covered in MUS 3170. A more in-depth exploration of choral and instrumental methods and materials for the purpose of developing skills in applied musicianship. Prerequisite: MUS 3170.

3200 **String Pedagogy and Literature I (2 sh)**
Pedagogy: examination of string techniques and pedagogical materials for teaching the beginning years of string playing. Supervised teaching and observation. Literature: historical approach to important string genres including the concerto, sonata, and chamber idioms from pre-Baroque through the twentieth century. Listening, score study, and performance practice. Prerequisites: 2 Semesters of AMUS registration.

3210 **String Pedagogy and Literature II (2 sh)**
A continuation of MUS 3200. Prerequisite: MUS 3200.

3300 **Piano Pedagogy and Literature I (2 sh)**
Pedagogy: methods and techniques of teaching. Supervised teaching and observation. Literature: study of masterworks from the 18th century through the middle of the 19th century with an emphasis on listening. Prerequisites: 2 Semesters of AMUS 1110.

3307 **Materials and Methods for Elementary Music (2 sh)**
An exploration of the current pedagogical practices with regard to elementary music education. Through the study of various musical philosophies and methodologies, along with the National Standards for Music Education, students will develop and practice appropriate lesson plans and assessment tools for teaching all types of learners the basic elements common to most music curricula. A survey of the most widely used pedagogical systems in music education (Orff, Kodaly, and Dalcroze) will be featured. Other topics include: theories of music learning, testing and measurement, assessment, multicultural resources and their applications, technology in the music classroom, arts integration strategies, and building a defense for arts in education. Prerequisite: EDUC 3510.

3310 **Piano Pedagogy and Literature II (2 sh)**
Pedagogy: methods and techniques of teaching. Supervised teaching and observation. Literature: study of masterworks from the middle 19th century to present day with an emphasis on listening. Prerequisite: MUS 3300.

3401 **Vocal Pedagogy I (1 sh)**
Physiology of the voice and pedagogical methods for teaching singing. Mentored clinical teaching with in-class observation and critique. Tests cover text and lectures. Cross-listed with MUS 5401. Prerequisite: two semesters of AMUS 1200.

3402 **Vocal Pedagogy II (1 sh)**
A continuation of MUS 3401: Physiology of the voice and pedagogical methods for teaching singing. Mentored clinical teaching with in-class observation and critique. Tests cover text and

lectures. Researach paper on a voice related topic, either in the area of voice science or pedagogy. More emphasis on clinical teaching. Cross-listed with MUS 5402. Prerequiste: MUS 3041.

3408 **Secondary Choral Methods and Materials (1 sh)**
Philosophies, techniques, methodologies, and administration of secondary school music programs for general music and vocal programs including curriculum, unit/lesson/rehearsal planning, vocal techniques, performance practice, conducting, skill building, and technology integration. Students will examine common challenges associated with secondary choral programs including advocacy, diverse learning populations, and various choral ensembles such as show choir. Relevant materials, resources, and repertoire will be examined to enable students to effectively teach from perspectives that are intentionally multicultural and interdisciplinary, and stylistically diverse. Prerequisite: EDUC 3170, 3510. Co-requisite: EDUC 3520 (required).

3409 **Secondary Instrumental Methods and Materials (1 sh)**
Philosophies, techniques, methodologies, and administration of secondary school music programs for instrumental music programs including an overview of relevant repertoire, computer technologies, multicultural resources for concert band, orchestra, jazz ensemble, marching band, chamber ensembles, and class guitar. Prerequisite: MUS 3408.

3410 **Vocal Literature (2 sh)**
Art song literature for the solo voice from the late 16th century to the present. Prerequisites: 2 Semesters of AMUS 1200.

3450 **Opera Workshop (0 or 1 sh)**
Emphasis is on the development of singing-acting skills through lecture, discussion, and exercises in character interaction using appropriate staging techniques. A scene recital is presented at the conclusion of the course. Scenes may be performed in a foreign language or in English. By audition. Cross-listed with MUS 5450.

3455 **Opera Production (0 or 1 sh)**
For a select group of experienced singers cast through auditions by instructor. The skills developed in scene recital work will be called upon in this intensive preparation for a complete opera production. Chamber and full-length operas will be performed in yearly alternation, and may be performed in a foreign language or in English. Chamber operas will be performed with piano or an instrumental ensemble, and full-length operas will be with orchestra. Cross-listed with MUS 5455.

3500 **Introduction to Arts Administration (2 sh)**
An introductory arts administration course that will approach a broad range of topics related to the nonprofit arts sector. The course will include lectures, discussions, readings, guest speakers and visits to arts organizations in the region. Prerequisite: BSE 2211, NONP 3710.

3600 **Brass Pedagogy and Literature I (2 sh)**
Methods and techniques of teaching the beginning years of brass playing. Observation of Chicago area teachers. Supervised teaching. Prerequisite: two semesters of AMUS 1400, 1410, 1420, 1440, or 1450.

3610 **Brass Pedagogy and Literature II (2 sh)**
Study of major solo works and orchestral excerpts from the 17th century to the present with an emphasis on listening and performance practice. Prerequisite: MUS 3600

3620 **Woodwind Pedagogy and Literature I (2 sh)**
Methods and techniques of teaching the beginning years of woodwind playing. Observation of Chicago area teachers. Supervised teaching. Prerequisite: two semesters of AMUS 1500, 1510, 1520, 1530 or 1540.

3630 **Woodwind Pedagogy and Literature II (2 sh)**
Study of major solo works and orchestral excerpts from the 17th century to the present with an emphasis on listening and performance practice. Prerequisite MUS 3620.

3640 **Guitar Pedagogy and Literature I (2 sh)**
Methods and techniques of teaching the beginning years of guitar playing. Observation of Chicago area teachers. Supervised teaching. Prerequisites: 2 Semesters of AMUS 1340.

3650 **Guitar Pedagogy and Literature II (2 sh)**
Study of major solo works and orchestral excerpts from the 17th century to the present with an emphasis on listening and performance practice. Prerequisite: MUS 3640.

3660 **Church Music Literature (1 sh)**
A survey of Christian sacred music meant to be performed by choirs (adult and children), organ, hand bells, and other ensembles, from various historical time periods and cultural groups, highlighting works appropriate for local church settings. Prerequisite: MUS 3170.

3670 **Congregational Music for the 21st Century Church (1 sh)**
A survey of music for the gathered community to sing together in the context of Christian worship. Historical, contemporary and global resources will be explored, including a survey of Christian hymnody, Taize, contemporary praise and worship, African American gospel, and songs from the world-wide church. Prerequisite: MUS 3170.

3690 **Youth Orchestra Techniques (2 sh)**
The course will focus on orchestra pedagogy; youth orchestra rehearsal techniques; strategies for building an orchestra program through rehearsal and repertoire choices; rehearsal psychology with a specific emphasis on the unique context of YOURS (ethnic and cultural diversity, poverty, and others).

3700 **Brass Ensemble (0 or 1 sh)**
Open to qualified performers, the Brass Ensemble explores original and transcribed music for brass from all periods. Performances include concerts, chapel services, and ceremonial opportunities.

3710 **Jazz Combo (0 or 1 sh)**
A select group of musicians determined by audition. Jazz music of all eras is studied, with an emphasis on individual improvisation.

3725 **Woodwind Ensemble (0 or 1 sh)**
The ensemble provides experience in small groups of mixed and/or similar woodwinds, depending on enrollment. Repertory will be selected according to available instrumentation. Emphasis on developing chamber music skills including intonation, ensemble, style, and interpretation.

3750 **Chamber Music/Strings (0 or 1 sh)**
Small performing groups with two or more participants pursue the study and performance of literature for duos, trios, quartets, etc., with weekly faculty coaching. By audition.

3760 **Percussion Ensemble (0 or 1 sh)**
Open to qualified performers, this ensemble will explore repertoire for diverse percussion combinations. Emphases will be on musicianship and versatility. Repertoire will be selected based on available instrumentation.

3770 **Chamber Music Ensemble (0 or 1 sh)**
Open to qualified performers, this ensemble will explore repertoire for diverse instrumental and vocal combinations. Repertoire will be selected based on available instrumentation.

3800 **Handbell Choir (0 or 1 sh)**
An ensemble that rehearses and performs handbell literature. Members may have an opportunity to conduct and compose for the ensemble.

3850 **Guitar Ensemble (0 or 1 sh)**
The North Park Classical Guitar Ensemble is a performance course similar to the String and Wind Ensembles currently offered by the School of Music. Students will form guitar trios, duos, and quartets. They will study and perform an extensive array of guitar ensemble literature spanning the Renaissance Era though the 21st Century. The guitar ensemble will perform a minimum of 2 times each semester, once on the Student Chamber Music Concert and once on the Thursday afternoon general recital. In the event there is not a scheduled Student Chamber Performance, the ensemble will explore other performance opportunities or, at the very least, appear twice on the Thursday afternoon general recital. Additional performances throughout the semester will be encouraged. In addition to class time, student practice and preparation time will be required.

3890 **Chamber Singers (0 or 1 sh)**
The Chamber Singers is a small, select group of singers, that performs music from many and diverse styles and periods. The goal for this ensemble is to function as a group of soloists in the true chamber style, performing music that profits from intimate renderings. Students participate in multiple performances both on and off campus including regular national and foreign tours. Auditions are competitive and based on the needs of the ensemble. Cross-listed with MUS 5890.

3910 **Topics in Music (1-4 sh)**
Periodic intense investigations of selected topics such as: The Entrepreneurial Musician, Single Composer Survey, Film Music, Performer's Health, Advanced Music Theory, Jazz Improvisational Techniques and others. Prerequisite: MUS 1080.

4000 **Departmental Honors in Music (3 sh)**
Advanced study and/or performance project for selected students. (For specific eligibility requirements, see the Honors heading near the beginning of the School of Music section.)

4150 **Counterpoint (2 sh)**
Study of the principles of counterpoint through analysis of Baroque era contrapuntal genres and written exercises using a modified species approach. Prerequisite: MUS 3130.

4160 **Orchestration (2 sh)**
A study of the ranges, techniques, timbres, and scoring of traditional orchestral instruments. Arranging for small instrumental ensembles is emphasized. Prerequisite: MUS 3130.

4165 **Songwriting (2 sh)**
Introduction to the craft of songwriting. Exercises and guided projects aimed at writing and setting original lyrics as well as existing texts. Emphasis on songwriting related to faith expression. Prerequisite: MUS 2140 or consent of instructor.

4175 **Arranging (2 sh)**
Practical techniques of arranging music for a variety of vocal and instrumental mediums and in a variety of stylistic genres. Focus on arranging for small ensembles found both in school and church contexts. Prerequisite: MUS 3130.

4250 **Practice and Aesthetics of Church Music (2 sh)**
Introduction to biblical foundations for Christian worship and a survey of the wide spectrum of practices and theology expressed in worship arts, especially music. Visits and observation of Chicago area congregations. The use of aesthetic judgment in evaluating music and art used in worship. The worship leader's role as educator and change agent in the context of a servant leadership model. Students develop evaluative tools to facilitate these goals and articulate a personal philosophy of church music ministry. Prerequisite: MUS 3170.

4910 **Independent Study in Music (1-4 sh)**
Study project as proposed by the student and approved by the faculty

4970 **Internship in Music (1-4 sh)**
Students have an opportunity to work with a variety of professional organizations, including churches, in fields such as radio, arts management and church choir/music ministry leadership. Please see the internship section of the catalog for requirements and guidelines.

Applied Music (AMUS)

Undergraduate music majors, minors, and students concurrently registered in an approved ensemble are allowed to register for applied music for credit; other students may register for non-credit applied instruction (AMUS 1000). All applied lessons for credit have an applied music fee per credit set by the institution each year; there is a separate fee for non-credit applied instruction. 1 sh covers 30 minutes of instruction per week; 2 sh covers 60 minutes of instruction per week. Please see the School of Music Undergraduate Handbook for more information.

These applied courses involve one-on-one instruction, and the repertory studied is primarily classical. Instructor placement and registration are by permission of the specific applied area supervisor.

1110 Piano (1 or 2 sh)

1120 Harpsichord (1 or 2 sh)

1130 Organ (1 or 2 sh)

1200 Voice (1 or 2 sh)

1300 Violin (1 or 2 sh)

1310 Viola (1 or 2 sh)

1320 Violoncello (1 or 2 sh)

1330 String Bass (1 or 2 sh)

1340 Guitar (1 or 2 sh)

1350 Harp (1 or 2 sh)

1400 Trumpet (1 or 2 sh)

1410 Trombone (1 or 2 sh)

1420 Horn (1 or 2 sh)

1440 Euphonium (1 or 2 sh)

1450 Tuba (1 or 2 sh)

1500 Flute (1 or 2 sh)

1510 Clarinet (1 or 2 sh)

1520 Saxophone (1 or 2 sh)

1530 Oboe (1 or 2 sh)

1540 Bassoon (1 or 2 sh)

1600 Percussion (1 or 2 sh)

These applied courses involve one-on-one instruction, and the repertory studied is primarily non-classical. Instructor placement and registration are by permission of the specific applied area supervisor.

2110 Jazz Piano (1 or 2 sh)

2120 Gospel/Contemporary Piano (1 or 2 sh)

2130 B-3 Organ (1 or 2 sh)

2200 Contemporary Voice (1 or 2 sh)

2330 Jazz/Contemporary Bass (1 or 2 sh)

2340 Jazz/Contemporary Guitar (1 or 2 sh)

2400 Jazz Trumpet (1 or 2 sh)

2410 Jazz Trombone (1 or 2 sh)

2520 Jazz Saxophone (1 or 2 sh)

2600 Drum Set (1 or 2 sh)

2700 Applied Jazz - for instruments not listed with specific course numbers (1 or 2 sh)

Additional Applied Courses:

1000 **Non-Credit Instruction (0 sh)**
Students may register for this course only with the permission of the School of Music Director of Operations

1135 **Class Voice (1 sh)**
This course involves beginning voice instruction in a group setting.

1335 **Class Guitar (1 sh)**
This course involves beginning guitar instruction in a group setting.

3000 **Coaching (1 or 2 sh)**
This course involves work with a coach, one-on-one, who works on interpretive matters with the student: this course would supplement applied study.

3010 **Composition (1 or 2 sh)**
This course involves one-on-one instruction in composition. Prerequisite: MUS 2000

3190 **Conducting (1 or 2 sh)**
This course involves one-on-one instruction in conducting. Prerequisite: MUS 3180

3350 **Collaborative Piano (1 or 2 sh)**
This course offers training in the specialized skills needed to accompany vocal/instrumental solos, choirs and opera productions.

Recital Registration (see the School of Music Undergraduate Handbook for more information):

2900 **Special Recital (0 sh)**
Students who desire to perform recitals not required by their degree tracks should register for this course in the semester in which the recital is performed.

3900 **Third-Year Recital (0 sh)**
Students required by their degree tracks to perform recitals should register for this course in the semester in which the recital is performed, most typically during the junior year.

4900 **Fourth-Year Recital (0 sh)**
Students required by their degree tracks to perform recitals should register for this course in the semester in which the recital is performed, most typically during the senior year.

Nonprofit Management (NONP)

Lindahl (dean), Farruggia, Fitzgerald, Gavoor, Hicks, Hubbard, Kamienski, Marsh, Rogers, Schilling, Sundholm

For admittance into the major, an overall GPA of 2.50 is required. A student must also earn a minimum grade of C- in each of these two courses: BSE 2211 and NONP 2710.

Students transferring courses into the major from outside North Park must still take at least one half of the required courses in their degree program at North Park. For example, students earning a Bachelor of Arts degree must take 20 semester hours in the major at North Park. Students need not retake a similar course at North Park to fulfill the requirement, but may take any courses with a BSE or NONP designation.

Students are also required to have a minimum grade of C- in any major course beyond the initial two courses. A GPA of 2.50 in the major courses and a GPA of 2.00 overall at North Park is required for graduation from the University with this major. Students dropping below 2.50 in the major are required to meet with their advisor to develop a plan to repeat courses to bring up their GPA before taking additional courses. The dean of the School of Business and Nonprofit Management must approve the plan. Students failing to complete their plan successfully are subject to dismissal from the major.

Students begin their program with macroeconomics in order to gain an understanding of the context of nonprofit management and complete their program with comprehensive courses in leadership/management and nonprofit management.

Guiding Principles:

- To prepare students for service and significance in the fields of nonprofit management.
- To develop intellectual curiosity.
- To enable students to make ethical decisions.
- To develop analytical and quantitative skills.
- To develop learning disciplines and critical thinking skills
- To develop written and oral communications skills.
- To prepare students for life-long learning.

Major requirements for the B.A. degree in Nonprofit Management

Required semester hours

40 sh

Prerequisites and supporting courses

COMM 1910, 2350, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2211, 2540, 2610, 3520, NONP 2710, 3300, 3600, 3710, 3750, 4700, SOC 1910

Notes and restrictions

Students are strongly encouraged to complete an internship (NONP 4970).

Major requirements for the B.S. in Nonprofit Management

Required semester hours

52 sh

Prerequisites and supporting courses

COMM 1910, 2350, PHIL 2530, STAT 1490

Required core courses

BSE 2110, 2211, 2520, 2540, 2610, 3520, NONP 2710, 3300, 3600, 3710, 3750, 4700, 4970, SOC 1910; 2100 or 3310, SBNM 5730 (graduate course, requires 3.0 GPA and senior status)

Required participation

Students must participate in the Nonprofit Leadership Club over two semesters and attend one Alliance Management Institute. Students are required to complete a 4 sh, 300 hour internship (NONP 4970): equivalent to two semesters of 10 hours per week, one semester of 20 hours per week, one summer of 25-30 hours per week, or some combination of these options.

Notes and restrictions

Students completing this major will also be completing the requirements for the Nonprofit Leadership Allliance certificate and Certfied Nonprofit Professional (CNP) credential.

Minor Requirements in Nonprofit Management

Required semester hours

24 sh

Required core courses

BSE 2110, 2211, 2610, NONP 2710, 3300, 3600, 3710

Bachelor of Science Nonprofit Management/ Master of Nonprofit Administration

Following the four-year undergraduate degree in nonprofit management, the student would be able to waive the following five courses:

SBNM 5350 Nonprofit Financial Management

SBNM 5680 Nonprofit Marketing and Consumer Behavior

SBNM 5720 Nonprofit Board Governance and Volunteer Management

SBNM 5730 Nonprofit, Law, Policy, and Government Relations

SBNM 5710 Principles of Nonprofit Management

The Master of Nonprofit Administration degree would be completed by taking the remaining core courses and seven elective courses as presented in the graduate section of the catalog.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

2710 **Introduction to Nonprofit Management and Leadership (2 sh)**
The introductory course will give students an overview of America's nonprofit sector as it relates to both the for-profit business and government sectors. Emphasis will be on the history, purpose and theories fo the sector, the legal and regulatory environment, efforts to improve ethics and accountability, the sector's economics and funding environment, trends in evaluation and outcome measurement, and general management problems and principles. The course will also discuss opportunities for personal growth and career advancement available in the sector and highlight skills and training needed to succeed. Cross-listed with NPM 4170.

3300 **Nonprofit Financial Management Organizations (2 sh)**
This course addresses the financial management of nonprofit organizations. This includes both financial reporting and managerial finance. Topics include 1) Financial Accounting principles and practices; 2) Managerial accounting methodology; 3) Compliance, and 4) Measuring and managing program performance. The course examines current trends in nonprofit financial management and integrates financial management with recent federal legislation. Cross-listed with NPM 4190. Prerequisite: BSE 2110, NONP 2710.

3600 **Advanced Nonprofit Marketing and Fundraising (4 sh)**
Addresses the main processes that nonprofits use to interact with internal and external audiences for the purpose of building public and financial support for their missions. Current trends and best practices in nonprofit marketing and fundraising. Indentifies and addresses ethical issues related to fundraising and marketing. Cross-listed with NPM 4200. Prerequisite: BSE 2610, NONP 2710.

3710 **Nonprofit Governance and Volunteer Management (4 sh)**
This course is designed to improve students' understanding of the elements, processes and dynamics of board governance and volunteer management of nonprofit organizations. The course includes analysis of the respective roles of the board, chief executive, staff and volunteers to maximize organizational effectiveness. Students will learn how to assess and improve the effectiveness of a board, the senior leadership, volunteers and the overall governance of the non-profit organization. Cross-listed with NPM 4180. Prerequisite: NONP 2710.

3750 **Social Entrepreneurship and Sustainable Business Models (2 sh)**
The course examines the history and practice of the groundbreaking field of social entrepreneurship, and how a new brand of entrepreneurs are using market-focused, innovative approaches to address the world's most pressing social and environmental issues. Within the context of sustainable business models for nonprofit organizations, a wide range of earned-income and other social enterprise strategies will be discussed. Prerequisite: NONP 2710. Prerequisite: NONP 2710.

3920 **Advanced Topics in Nonprofit Mgmt. (1-4 sh)**
This is a topics course allowing the School of Business to grant undergraduate credit for selected graduate courses taken through SBNM.

4700 **Advanced Nonprofit Management and Leadership (4 sh)**
Provides students with advanced knowledge and understanding of the management and leadership of nonprofit organizations. Students will gain theoretical and practical knowledge of the most essential leadership skills and attributes, as well as management functions exercised in nonprofit organizations. Students will participate in application experiences, individual and group projects, and organization assessments. Prerequisite: NONP 2710, 3300, 3600, 3710. Prerequisite: NONP 2710, NONP 3300, NONP 3600, NONP 3710.

4910 **Independent Study in Nonprofit Managment Economics (1-4 sh)**

4970 **Internship in Nonprofit Management (1-4 sh)**
The Internship Program provides an opportunity for students to gain hands-on experience and to explore career options in their chosen field. The student earns four semester hours for their internship. The internship program is open to any North Park student who has completed at least one full year of study at North Park, has third- or fourth-year status and has a minimum GPA of 2.5 in their major. In addition, the student must apply and be accepted by a faculty sponsor and the Internship Committee. The faculty sponsor will monitor the student's progress throughout the internship, including meeting periodically with the student and maintaining contact with the site supervisor. During the course of the internship, interns must fulfill certain requirements. Interns will keep a daily journal of their activities throughout the internship. The faculty sponsor and the site supervisor may, at their discretion, assign certain reading materials to the intern. In addition, the faculty sponsor may assign a final paper. Finally, the intern must work for a minimum of 300 hours at an eligible nonprofit organization. Tuition is charged at the same rate as for other courses, based on the number of semester hours the student is requesting. Grading for all internships is Pass/Fail. Prerequisite: BSE 2211, 2540, 2610, NONP 2710.

Norwegian (NORW)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Norwegian I (4 sh)** GE
Introduction to contemporary Norwegian through materials relating to culture and civilization, with equal emphasis on listening, speaking, reading, and writing. No credit for NORW 1010 will be granted to students who have more than two years of high school Norwegian within the last five years.

1020 **Basic Norwegian II (4 sh)** GE
Introduction to contemporary Norwegian through materials relating to culture and civilization, with equal emphasis on listening, speaking, reading, and writing. Prerequisite: NORW 1010.

2010 **Intermediate Norwegian I (4 sh)**
Review and reinforcement of Norwegian grammar. Discussion based on reading of materials on everyday situations. Daily practice in conversation. Currently taught at the University of Oslo. Prerequisite: NORW 1020.

2020 **Intermediate Norwegian II (4 sh)**
Extensive reading of simple literary works of high quality to develop reading comprehension. Theme writing based on the assigned texts and on contemporary topics to achieve a higher degree of proficiency in writing skills. Currently taught at the University of Oslo. Prerequisite: NORW 2010.

3150 **Advanced Norwegian (4 sh)**
Intensive study of vocabulary, conversation, composition, idiom, and grammar to strengthen self-expression and fluency. Prerequisite: NORW 2020.

Nursing (NURS)

L. Duncan (dean), Andrea, Benevich, Burns, Coakley, Cullen, H. Duncan, Fogel, Hobart, Kotowski, Loukissa, Lynch, Wang, and Wojciechowski.

The mission of the School of Nursing is to prepare professional nurses for lives of significance and service through baccalaureate and graduate nursing education within the Christian tradition. Our vision is the creation and maintenance of a culture of excellence in nursing education grounded in the compassion of Christ. To this end, the curriculum of the School of Nursing is based on a "caring philosophy."

The School of Nursing offers a four-year program that leads to a Bachelor of Science in Nursing. Successful completion of the program qualifies the graduate to apply for the professional nurse licensing examination, NCLEX-RN.

The curriculum consists of three parts: general education, nursing prerequisites, and courses in the nursing major. Together these courses provide the student with the knowledge and skills needed for beginning practice in professional nursing.

Students are urged to complete a Major Declaration Form by the end of the first year. Official acceptance into the nursing major comes after the completion of all nursing prerequisite courses and is contingent upon the student having achieved a cumulative grade point average of 2.75 or higher, and a minimum of C in all prerequisite courses. No more than two prerequisite courses maybe repeated and only one of those may be a science course. Standardized testing is an integral part of the nursing evaluation process, beginning prior to acceptance into the major and continuing throughout the program. Students are required to pass the Test of Essential Academic Skills (TEAS) examination from Assessment Technologies Institute (ATI) with a proficiency level of "Proficient" or better. Passing a comprehensive standardized examination is required prior to graduation.

Transfer students may be accepted into the University at any level prior to the fourth year. However, transferring into the nursing major may involve additional time as general education, prerequisites, or nursing courses may not always fit well with North Park University's curriculum. Generally, nursing courses from other nursing programs do not transfer; however, the School of Nursing faculty will evaluate such courses for equivalence and appropriate allocation of transfer credit. Criteria for entrance into nursing, e.g. cumulative grade point average and minimum grade on all prerequisite courses, is the same for transfer students as for other students.

Accreditation

The programs for pre-licensure and registered nurses are accredited by:

The Commission on Collegiate Nursing Education
One Dupont Circle, NW
Suite 530
Washington, DC 20036-1120

Clinical Facilities

The School of Nursing has affiliations with more than 80 clinical agencies used for supervised clinical practice at both undergraduate and graduate levels. These affiliations include: Chicago Department of Public Health, , Ann & Robert H. Lurie Children's Hospital of Chicago, Evanston Hospital, Glenbrook Hospital, Lake County Department of Public Health, Lutheran General Hospital, Swedish Covenant Hospital, Highland Park Hospital, Skokie Hospital, Northwestern Lake Forest Hospital, Northwestern Memorial Hospital, Rehabilitation Institute of Chicago, Chicago Lakeshore Hospital, Saint Joseph Hospital, Saint Francis Hospital, and home health-care agencies such as Lawndale Christian Health Center.

Learning Labs and Simulation Center

The School of Nursing maintains a Learning Resource Center and a Simulation Center. The Delores H. Johnson Memorial Nursing Laboratory, is used by students for independent study and the practice of nursing skills.The School of Nursing Simulation Center enables students in Nursing to practice critical skills in a simulated safe learning environment.

Additional Expenses

Estimated additional expenses for nursing students include uniforms, clinical & lab fees for each clinical nursing course, costs of health examinations, vaccinations, and standardized examination fees. Further specification of health requirements is explained in the Nursing Baccalaureate Prelicensure Student Handbook. Students must also plan on transportation expenses associated with travel to agencies and other settings for clinical laboratory. Students are responsible for their own transportation. Costs in the spring term of fourth year are higher because of the need for a car (or equivalent transportation costs) for community health visits.

Major requirements for the B.S. in Nursing (Pre-licensure Students)

Required semester hours

53 sh

Prerequisites and supporting courses

BIOL 1250, 1260, 2910, 2930; CHEM 1021 and 1031; NPD 1000; STAT 1490; PSYC 1000, 2700; SOC 1910; NURS 2150, 2540. Many of the prerequisites in Nursing also count toward the fulfillment of Core Curriculum requirements.

Required core courses

NURS 2100, 3020, 3030, 3201, 3220, 3240, 3500, 3520, 3540, 4200, 4201, 4202, 4203, 4240, 4500, 4520, 4540, 4550

Notes and Restrictions

Students may take a proficiency test for NURS 2150 to be exempt from having to take this supporting course. No credit will be given for testing out of NURS 2150.

Once accepted into the major, students must earn a minimum of a C grade in each nursing course to progress. Only one nursing course may be repeated.

All nursing majors are required to successfully complete a comprehensive examination in order to receive approval to graduate from the School of Nursing and apply for professional nursing licensure.

Honors

For admission into the Departmental Honors program, students must reach fourth-year status. Admission requires an overall grade point average (GPA) of 3.5 with a minimum major GPA of 3.7 on a 4.0 system. Application for admission may be made upon completion of the spring term in the third year. For graduation with Honors in Nursing, students must earn minimum of 4 sh in NURS 4000 in addition to Nursing major requirements. For general Departmental Honors requirements and NURS 4000 course description, see appropriate sections of this catalog.

Special programs

Nursing International Exchange Programs: Established with School of Health Sciences, Jönköping University, Jönköping Sweden.

Selected nursing students meeting appropriate criteria may spend designated weeks while enrolled in the major to study and gain clinical experience in an international healthcare system.

2100 **Survey of Professional Nursing (2 sh)** GE
Introduces students to the mission, vision, philosophy, and distinctives of the North Park University School of Nursing; explores the concepts of professional nursing, the history of nursing and nursing education, the roles and settings where professional nurses practice, and envisions a preferred future for the profession

2150 **Math for the Nurse Generalist (1 sh)**
Math for the Generalist Nurse is designed to review basic math relevant to nursing pharmacology and provide the student with necessary knowledge and practice to master comprehensive dosage calculations in nursing practice. Prerequisite: NURS 2100.

2540 **Applied Nutrition (2 sh)**
Applies the science of nutrition to human needs throughout the life span. Includes major nutrition related health problems. Explores cultural and ethical issues and values related to nutrition, food consumption, hunger and the environment. Connects to Christian, urban, and international issues.

3000 **Pathophysiology: RN (2 sh)**
Examines physiologic changes occurring as a result of disease processes. Presents concepts of disease causality cell metabolism, injury and death, infection, and inflammation. Uses a systems approach.

3020 **Introduction to Professional Nursing Practice (4 sh)**
Introduces students to the foundational concepts and beginning skills required in professional practice. Includes lecture, lab, and clinical.

3030 **Health Assessment (2 sh)**
Integrates knowledge from the natural and behavioral sciences to focus on holistic health assessment of adults. Includes assessment of spiritual, cultural, developmental, and nutritional aspects. Considers ethnic variables of normal assessment. Course culminates with students performing and recording a complete health assessment. Students will describe the role of the nurse in health assessment.

3201 **Nursing of Adults I (4 sh)**
Based upon knowledge of liberal arts and sciences and basic nursing concepts, applies nursing theory to the care of adults with physiological disorders. The focus is patients who undergo surgery or have disorders in the respiratory, gastrointestinal, cardiovascular, and endocrine disorders. Applies theory and practice in acute care settings.

3220 **Pharmacology in Nursing (2 sh)**
Introduces basic pharmacological concepts including drug classification, drug actions; routes of administration, drug standards, legislation and control, and nursing implications for patient use.

3240 **Pathophysiology (2 sh)**
Explores major pathophysiology concepts using a physiological systems approach. Applies theories of etiology, pathogenesis, and clinical manifestations to common disease processes. Concepts from anatomy and physiology provide the foundation for exploring human dysfunction. Concepts learned in this course are basic to nursing practice.

3500 **Nursing of Childbearing Families (4 sh)**
Applies a caring philosophy and current knowledge, theory, and research to nursing care of diverse pregnant women, fetuses, newborns, and families. Explores cultural values, community resources, and ethical and spiritual issues related to childbearing. Uses acute and ambulatory care settings.

3520 **Nursing of Children (4 sh)**
Based upon knowledge of liberal arts and sciences and basic nursing concepts, nursing theory is applied to the care of ill children and their families. Emphasizes Family Centered Care. Theory and practice in ambulatory and acute care settings. Patients and families are from urban, suburban, or rural environments. The Christian mission is integrated in the plan of care. A caring philosophy directs interaction with culturally and spiritually diverse families.

3540 **Ethics in Health Care (2 sh)** GE
Issues and dilemmas in the health care system serve as a basis for examination of theories and principles of ethics. The spiritual domain is considered a valued context for decision-making.

3910 **Topics in Health (2 sh)**
Selected topics in health related areas. Restricted to third-year status or above, or consent of nursing faculty.

3920 **Management of Cardiac Dysrhythmias (2 sh)**
Focuses on identification and management of cardiac dysrhythmias. Provides students with basic information concerning cardiac functioning and conduction principles. Guides students through analysis and interpretation of rhythm strips, and management of various common arrhythmias.

3940 **NCLEX-RN Review (1 sh)**
Presents a comprehensive review of content areas with integration of nursing concepts and test-taking strategies as preparation for successful completion of the NCLEX-RN examination.

4000 **Departmental Honors in Nursing (4 sh)**
Honors independent research study; student completes individually selected nursing research project that includes all steps of the research process. Presents and defends project to nursing and University-wide faculty and community. Student must have completion of minimum of 90 sh; application for admission may be made upon completion of the third year. Special restrictions: School of Nursing approval; fourth-year standing; major GPA 3.7 on a 4.0; overall GPA 3.5. Co-requisite: NURS 4200, 4220, 4240, 4500, 4520.

4200 **Psychiatric/Mental Health Nursing (4 sh)**
Integrates knowledge of human development, behavior and psychological theory; places emphasis on increasing self-awareness and therapeutic use of self and milieu. With assistance and use of collaborative skills, students develop decision-making skills in the psychiatric-mental health care delivery system in a way that communicates respect and understanding.

4201 **Nursing of Adults II (4 sh)**
Based upon knowledge of liberal arts and sciences and Nursing of Adults I, nursing theory is applied to the care of adults with physiological disorders. The focus is patients who have cardiovascular, peripheral vascular, neuromuscular and renal disorders typically seen in older adults. Applies theory and practice in acute care settings. Co-requisite: NURS 4202.

4202 **Concepts in Gerontology (2 sh)**
Focus is on being old in America and transitions that impact health of older adults and families. Explores issues related to the health

care industry, access to health care, and health care management. Considers culturally specific issues, and ethics of health care at the end of life. Incorporates priorities of Healthy People 2010 and ANA standards of practice for gerontological nursing. Co-requisite: NURS 4201.

4203 **Concepts of Gerontology Internship (1 sh)**
Applies gerontological concepts in student-selected activities. Students identify, plan, implement, and analyze the effectiveness of their acute and community-based service related activities that promote healthy lifestyles, enhance the quality of life, or support adaptive behaviors with the elderly. Requirements include a course project incorporating specific cultural and ethnic perspectives to provide optimal, individualized care.

4500 **Community Health Nursing (5 sh)**
Synthesizes knowledge in the science and practice of community health nursing, and is built upon and connected to the University urban, international and Christian distinctives. Focuses on patterns that influence wellness, and potential barriers that place individuals, families, and communities at risk for major health problems. Includes health care delivery system and its effects on under-served consumers and professionals, community assessment, epidemiology, violence in the community, environmental & occupational health issues, world health issues, and home health hospice care. Applies theory and practice in community health settings.

4520 **Synthesis of Nursing Practice (5 sh)**
Culminating nursing course. Synthesizes knowledge in arts and sciences, nursing theory, and current management principles in multi-complex health care settings. Includes leadership, management, and synthesis of multi system disorders.

4540 **Health Policy and Politics (2 sh)**
Examines and emphasizes the challenges and opportunities related to issues in health policy and health care from a local, national, and international perspective. Addresses the political, economic, legal and ethical aspects of the United States Health Care policy and health care issues, their impact on patients, and mechanisms and strategies for political advocacy and influence.

4550 **Leadership and Management in Nursing (2 sh)**
Integrates leadership and management theory in the preparation of nurse leaders and managers who, through the functions of leading, managing and directing others in a variety of healthcare settings, will not only know how to use power appropriately, but will empower others in serving humankind.

4901 **Nursing Comprehensive Exam (0 sh)**
Comprehensive examination of major requirements.

4910 **Independent Study in Nursing (1 or 2 sh)**
The student completes an individually selected nursing project. Open only to nursing majors with consent of faculty and School of Nursing Director.

4970 **Internship in Nursing (1-4 sh)**
Internship in an approved healthcare setting. A maximum of 4 semester credit hours of elective credit can count toward the overall graduation requirement. The student must have completed at least 14 semester hours in nursing and have a minimum GPA of 2.75 in the nursing major. Approval by the Selection and Progression Committee and the Director of the Undergraduate Nursing Program is required. Please refer to the catalog for further internship requirements and guidelines. Awarded on an individual basis. Prerequisite: NURS 3010, 3020, 3030, 3201, 3220, 3240.

Philosophy (PHIL)

Clark (chair), Ahn, Clifton-Soderstrom

The vision of the North Park University philosophy department is to become a community of truthful conversation. Our mission is twofold: 1) to guide the North Park University community in critical and edifying reflection on the good life through attentive reading, writing, and experience, and 2) to prepare our majors to serve the common good as public intellectuals.

Major requirements for the B.A. in Philosophy

Required semester hours

36 sh

Required core courses

PHIL 2010, 2020, 2510, 3515, 3590, at least two semester hours of PHIL 3400, at least two semester hours of PHIL 4970

Electives

12sh from PHIL 2310, 2530, 2910 (repeatable), 3100, 3910

Notes and restrictions

The philosophy department shares with the other departments in the Faculty of Humanities a common spirit and orientation toward the true, the good, and the beautiful. As such philosophy majors are required to enhance their major learning experiences through electives, taking at least one course each in History, English, and Art.

Major requirements for the Interdisciplinary B.A. in Philosophy

Required semester hours

28 sh in Philosophy

16 sh of upper-division work in another discipline

Required core courses

PHIL 3590

Notes and restrictions

The philosophy department and the Humanities faculty must approve the courses that will count toward the major. The addition 16 sh may or may not be part of a double major. The philosophy department shares with the other departments in the Faculty of Humanities a common spirit and orientation toward the true, the good, and the beautiful. As such we require philosophy majors to enhance their major learning experiences with one course each in History, English, and Art. The philosophy department will consult with other departments as necessary. Students are encouraged to consult their advisor for suggestions about particular courses. Students with a double major or those obtaining a secondary teaching certificate are exempt from the Humanities co-requirements.

Minor requirements in Philosophy

Required semester hours

20 sh

Required core courses

Any PHIL courses to accumulate at least 20 semester hours.

2010 **Ancient & Medieval Philosophy (4 sh)** GE
A survey of the thinkers and movements in the history of philosophy from the pre-Socratics through the late medieval and early Renaissance period.

2020 **Modern & Contemporary Philosophy (4 sh)** GE
A survey of the thinkers and movements in the history of philosophy from the 16th through the 21st century. A

2310 **East Asian Philosophies and Ethics (4 sh)** GE
The course introduces students, who have no previous background of East Asian studies, to the general philosophical, religious, and cultural ideas of East Asia: Confucianism, Taoism, and Buddhism. Through lectures as well as critical readings in the classical primary texts and contemporary interpretations, the course develops broader and comparative points of views and approaches to the common human problems that have evolved in the major cultures of East Asia (China, Korea, and Japan). The course can serve as a foundation for further study of East Asia including East Asian literature, aesthetics, religion, politics, economics, and history.

2510 **Logic (4 sh)**
An intermediate course in formal and informal logic.

2530 **Business and Professional Ethics (2 sh)** GE
An introduction to the important problems and topics in the area of business and professional ethics, e.g., job discrimination, corporate responsibility, environmental obligations, professional codes of ethics, power, and accountability.

2910 **Introductory Issues in Philosophy (2 or 4 sh)** GE
An introduction to the meaning, ethics, and metaphysics of the human relation to various aspects of the world. Specific courses will focus on a single topic (e.g., nature, technology, culture, economics, religion.) Rationale

3100 **Political Philosophy (4 sh)**
A seminar course on selected problems and topics in the area of social and political ethics, e.g., the nature of political associations, the variety of competing visions of the good and just society. Cross-listed with POGO 3100.

3400 **Philosophy in Action (1-4 sh)**
An experiential education approach to philosophy.

3515 **Philosophy of Art (4 sh)**
A seminar course on selected problems and topics in the area of aesthetics, e.g., the nature and meaning of aesthetic value, the problem of aesthetic judgment.

3590 **Hermeneutics (4 sh)**
A seminar course on selected problems and topics in the area of hermeneutics, e.g., the nature of understanding, of language and meaning, and the role of context, tradition, and pre-judgment.

3910 **Topics (4 sh)**
A seminar course on selected topics and problems in philosophy.

4000 **Departmental Honors in Philosophy (4 sh)**
A seminar course for students who do honors work in philosophy.

4910 **Independent Study in Philosophy (1-4 sh)**
A course which allows students to work independently on a project of particular interest to them and which is not offered in the curriculum.

4970 **Internship in Philosophy (1-4 sh)**
A course which permits students to explore vocational options that pertain to philosophy. Please refer to the internship section of the catalog for requirements and guidelines.

Physics and Engineering (PHEN)

McDonald (chair)

The mission of the physics department is to imbue all students, regardless of major, with: (1) a basic understanding of the physical world around them; (2) an understanding of the process of doing science; (3) the basic skills necessary to succeed in science and in life; (4) the basic knowledge and reasoning ability to make ethical decisions on the use of science and technology in their own lives and in society; (5) a sense of responsibility for the path that science will take in the 21st century; and (6) an appreciation of the wonders of God's world as revealed through the study of physics.

Our educational philosophy is based on the following values: (1) excellence – we expect excellence from our faculty and students in all classes; (2) hard work – the pursuit of truth through physics requires diligence, determination and perseverance; (3) empowerment – students who succeed at physics will know they can succeed at anything; (4) responsibility – with knowledge comes the responsibility to assure that knowledge is applied ethically and carefully; (5) teamwork – no matter what background one comes from, physics students are united by the common goals; and (6) passion – the path to true understanding can only be pursued by the passionate learner.

Physics Major:

The department sets several outcomes for all of its students: (1) to acquire a basic understanding of physical principles and their applications at a level appropriate to the student's intended academic path; (2) to develop a basic mastery of the skills necessary to undertake scientific inquiry, including: graphical and statistical analysis of data, computational proficiency, mathematical competency, and the use of computers; (3) to develop of their critical thinking and analytical skills as well as mastery of problem solving techniques; (4) to learn to communicate physics effectively both orally and in various written formats and to read physics material at various levels; (5) to consider the ethical responsibilities of a physicist to society; and (6) to consider the history and philosophy of physics and its relationship to other intellectual disciplines.

Major requirements for the B.A. degree in Physics

Required semester hours

36 sh

Prerequisites and supporting courses

MATH 1510, 1520, 2030

Required core courses

PHEN 1210, 1220, 1330, 1410, 1510, 2110, 2510, 2520, 3310, 3410 or 3510, 4030

Electives

4 sh from: PHEN 1060, 1070, 2060, 2950, 3010, 3110, 3210, 3220, 3410, 3510, 3910, 3920, 3930, 3940, 3950, 4010, 4910, 4930, 4950, 4970

Notes and restrictions

Recommended MATH 3100 (4 sh)

In addition all students will be required to write a senior thesis. Students may undertake some type of original research project which will result in a written paper to be submitted to the department for review. Students should also present their research at either a departmental symposium or at an organized off-campus meeting.

Special programs

Students completing the 3-2 Engineering program will receive a B.A. in Physics from North Park. The 3-2 engineering program consists of 3 years at North Park at which time the student transfers to an accredited engineering school. It is recommended that students take the following courses while at North Park: PHYS 1210, 1220, 1330, 1510 2110, 2510, 2520, 3310, MATH 1510, 1520, 2030, 3100, CHEM 1150, 1160, and all of the North Park general education requirements.

Major requirements for the B.S. degree in Physics

Required semester hours

48 sh

Prerequisites and supporting courses

MATH 1510, 1520, 2030

Required core courses

PHEN 1210, 1220, 1330, 1410, 1510, 2110, 2510, 2520, 3110, 3310, 3410, 3510, 4010, 4030

Electives

6 sh from: PHEN 1060 or 1070; 2060, 2950, 3010, 3210, 3220, 3910, 3920, 3930, 3940, 3950, 4000, 4910, 4930, 4950

Notes and restrictions

Recommended MATH 3100 (4 sh)

All students are required to take a comprehensive exam. Students may choose to take the GRE Physics subject test or a departmental comprehensive exam. In addition all students will be required to write a senior thesis. Students will undertake some type of original research project. A written paper must be submitted to the department for review. Students must also present their research at either a departmental symposium or at an organized off-campus meeting.

Special Programs

Students completing the joint North Park University/University of Illinois Chicago (UIC) Dual Degree Program in Engineering will receive a B.S. in PHysics from North Park. The Dual Degree Program consists of five years combined at North Park and UIC, plus courses and/or internships during some summers. For details, please see the description in the "Professional Programs" section of the catalog.

Honors

Students must complete 45 sh of physics. In addition to the above requirements for a B.S. in Physics students must also complete a minimum of 3 sh of either PHYS 4930 or 4950. They must also enroll in a minimum of 3 sh of PHYS 4000 spring semester of their fourth year. Research for physics 4930/4950 may be carried out either on campus or at an approved off-campus site. Students will prepare a written paper which must also be presented orally to an appropriate group. Students must submit a proposal of their intended research project for departmental approval prior to enrollment in 4930/4950. For general Departmental Honors requirements and PHYS 4000 course description, see appropriate sections of this catalog.

Minor requirements in Physics

Required semester hours

22 sh

Required core courses

10 sh of Physics courses numbered 2000 or above; and PHEN 4030

Electives

12 sh from: PHEN 1060, 1070, 1110, 1120, 1210, 1220, 1330, 1410, 1510, 2060, 2110, 2510, 2520, 2950, 3010, 3110, 3210, 3220, 3310, 3410, 3510, 3910, 3920, 3930, 3940, 3950, 4010, 4910, 4930, 4950, 4970

Notes and restrictions

Recommended Math 1510, 1520, 2030, 3100

Engineering Major:

The BA in engineering is an interdisciplinary major which is designed to serve a variety of students. It is intended to serve students in a broad range of disciplines who feel the need to better understand the science and technology they will employ on a daily basis. In fields such as health care, business, and public safety, professionals are constantly being faced with decisions about the appropriate use of new technologies. This degree is also intended to serve students who wish to use their liberal arts background in the pursuit of engineering as it interfaces with areas of economics, public policy, security, law and the environment. As other fields become more technological, the skills need for Engineering, such as computer programming, design, systems management, and analysis, have become the basic requirements for a professional, regardless of their discipline. When coupled with degrees in business, theology, biology, poitical science, neuroscience or any of a range of majors, the BA in Engineering offers students a world of possibilities.

Major requirements for the B.A. degree in Engineering

Required semester hours

36 sh

Prerequisites and supporting courses

MATH 1510, PHEN 1210, 1220; 8 sh from the following courses: MATH 1150, 1520; STAT 1490; PSYC 3010, 3100, 3500, 3600, 3800, 3900; CHEM 1150, 1160, 2160, 2310, 2320, 2410, 2510, 3250, 3260, 3330; BIOL 1250, 1260, 2910, 2930, 2950, 3150, 3160, 3180, 3210, 3230, 3510, 3530, 3610, 3620; EXS 2300, 2400, 3010, 3160, 3300, 3400.

Required Core Courses

PHEN 1330, 1510, 2510, 2520, 3310, 3610; 12 sh of PHEN numbered 2000 or above. MATH 2030, 3050 or 3100 can be substituted for one of the classes making up the additional 12 sh of PHEN.

Electives

8 sh from: PHEN 1410, 2950 (repeatable), 4030; PHIL 2530, 2910

Notes and Restrictions

The BA Engineering is not an ABET accredited degree; students interested in becoming professional engineers should instead consider the 3-2 program or the NPU/UIC dual degree program. All students will carry out a senior design project. Students are recommended to participate in some sort of internship in Engineering. Students might also undertake some type of original research project that will result in a written paper to be submitted to the department for review. Students should also present their research at either a departmental symposium or at an organized off-campus meeting.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1000 **Conceptual Physics (2 sh)** GE
This course is intended to be an introductory algebra-based course in physical science. The course will cover selected topics in physics and applied physics which may include: introduction to astronomy, introduction to geology, introduction to meteorology, or amusement park physics. In each case, emphasis will be placed on the role of technology in society, with emphasis on the environment, as well as physics as a human endeavor. Lab is included in this course. Basic competency in algebra is assumed.

1020 **Light (2 sh)** GE
This course is intended to be an introductory course in physical science with minimum mathematics. The course will cover selected topics in optics and light including the principles of production and propagation of light waves with particular emphasis on design and analysis of optical equipment. Geometrical and physical optics, lasers, and their applications will also be covered. Lab is included in this course. Registration based on designated score on the Math Placement Exam or permission of instructor.

1030 **Energy (2 sh)** GE
This course is intended to be an introductory course in physical science with minimum mathematics. The course will cover selected topics dealing with various forms of energy including the concepts of atomic, nuclear and electrical energy, work, power, conservation of energy, heat, and entropy. Emphasis will be placed on energy and the environment, energy resources, alternative forms of energy production, pollution, and the economics of energy use. Lab is included in this course. Registration based on designated score on the Math Placement Exam or permission of instructor.

1050 **Physics of Sports (2 sh)** GE
This course is intended to be an introductory, algebra-based course in physical science. The course will cover selected topics in physics and their applications to a wide variety of sports. Data acquisition using interactive video techniques will be used widely. Lab is included in this course. Basic competency in algebra is assumed.

1060 **Astronomy (2 sh)** GE
This course is intended to be an introductory, algebra-based course in physical science. The course will cover selected topics in astronomy including historical background, the earth-moon system, the solar system, stars and their evolution, environment and groupings of stars, galaxies, and the frontiers of astronomy. Lab is included in this course. Prerequisite: MATH 1010 or higher.

1070 **Climate Dynamics (2 sh)** GE
This course is intended as a survey of the physics of the Earth's climate system. This course focuses on large-scale, long-term variability, ranging from days to millennia, rather than local, short-term weather. Topics include basic fluid dynamics, the energy balance of the Earth, the general circulation of the atmosphere, past and modern climate variability, and climate modeling. Lab is included in this course. Background in trigonometry is assumed.

1110 **College Physics I (4 sh)** GE
This course is a trig-based introductory course in physics for health science majors. The course will cover kinematics, dynamics, circular motion, gravitation, conservation of energy and momentum, systems in equilibria, rotations, and properties of matter and fluids. Lab is included in this course. Knowledge of trigonometry or permission of instructor is required to register for this course.

1120 **College Physics II (4 sh)**
This course is the second semester of a trigonometry-based introductory course in physics for health science majors. The course will cover thermodynamics, electric fields and potentials, DC circuits, magnetic fields and forces, AC circuits, geometrical optics, physical optics, quantum theory, atomic theory, and nuclear physics. Lab is included in this course. Prerequisite: PHYS 1110 or PHEN 1110.

1210 **Introductory Physics I (4 sh)** GE
This course is the first semester of a calculus-based introductory physics course for science majors. Topics to be covered include kinematics, dynamics, energy and momentum, rotational motion, gravitation, equilibria, properties of materials, fluids, wave motion, sound, and simple harmonic oscillations. Emphasis will be placed on problem solving skills as well as conceptual understanding of the material. Lab is included in this course. Basic knowledge of trigonometry is assumed. Calculus is recommended.

1220 **Introductory Physics II (4 sh)**
This course is the second semester of a calculus-based introductory physics course for science majors. Topics to be covered include thermodynamics, electrical fields and forces, electric potential, DC circuits, magnetic fields and forces, AC circuits, geometrical and physical optics, quantum theory, atomic theory and structure, and nuclear structure, decay, and reactions. Emphasis will be placed on problem solving skills as well as conceptual understanding of the material. Lab is included in this course. Prerequisite: PHYS 1210 or PHEN 1210. Co-requisite: MATH 1510.

1330 **Mechanical Comprehension (2 sh)**
This course is an introduction to a variety of practical, real-world tools used in physics to solve problems and complete projects. In contrast to other courses which focus on the theoretical and analytical aspects of physics, this course covers tools you can use to not only do homework problems but also to tackle real-world engineering and research projects. In this course the focus will be predominately on visual thinking tools. Such topics include drawing and sketching for visualization, imagery and ideation, and basic technical drawing. Coverage may also include basic design and engineering concepts as well as an introduction to CAD.

1410 **Pursuit of Knowledge (2 sh)** GE
How do we know? How do we decide that a theory is true? What does it take to become convinced? Physics is perceived as a totally analytical and quantitative field. However, the reality is that even at the simplest level there is considerable judgment required in the interpretation of data and the assignment of meaning to theory. This course will include a brief overview of the history and philosophy of Physics, discussion of the methods of doing physics, experimental techniques, and the role of approximation in theory and computation. The emphasis will be placed on the nature of knowledge and the extent to which it is socially constructed. Students will reflect on science ethics, science policy, the role of the scientist in society, and the interface between science and theology.

1510 **Mathematical Methods of Physics (2 sh)**
This course is an introduction to mathematical methods in physics. Topics covered include using spreadsheets (Excel), algebraic languages (Mathematical), and interpreted languages (Python) to solve basic physics problems. Elementary numerical methods and scientific visualization is also covered. Topics of coverage may include: approximation techniques, numerical differentiation and integration, matrices, complex variables, and solution of transcendental equations.

2060 **Astrophysics (2 sh)**
The main focus of this course will be stellar astrophysics. The course will cover the historical development of astronomy, optics and spectroscopy, telescopes, gravitation, planetary systems and comparative planetology, general relativity, stellar structure, H-R diagrams, stellar evolution and galaxies. Lab is included in this course. This course is intended for science majors interested in astronomy. Basic knowledge of trigonometry is assumed. Calculus is recommended.

2110 **Modern Physics (4 sh)**
This course constitutes a survey of physics since 1900. Topics to be covered include special relativity, blackbody radiation, photoelectric effect, Compton scattering, quantum theory, wave-particle duality, DeBroglie waves, Bohr model of the atom, quantum mechanics and the Schrodinger equation in one dimension, Heisenberg uncertainty principle, quantization in many-electron atoms, statistical physics, lasers, X-ray spectra, molecular structure, solid state physics, nuclear structure, and nuclear reactions. No lab is required. Prerequisite: PHYS 1220.

2510 **Electronics for Scientists (3 sh)**
This course offers a practical introduction to DC and AC circuits, filters, diodes, power supplies, transistors, operational amplifiers, and logic gates. Emphasis will be placed on both the mathematical methods and the rules of thumb used in everyday laboratory settings. Prerequisite: PHYS 2110 or PHEN 2110. Co-requisite: PHYS 2520 (required).

2520 **Electronics Lab (1 sh)**
This course is the lab to accompany PHEN 2510. Students will gain practical experience in building electronic circuits and using electrical measuring devices with an eye toward laboratory application. Co-requisite: PHEN 2510 (required).

2950 **Topics in History and Philosophy of Physics (2 sh)** GE
This course will cover a topic in the History and Philosophy of Physics. The credit hours will be determined by the choice of topics and the professor teaching the course. Readings in historical methods and philosophy of history will be included as well as instruction in the use of archival materials and oral histories. Proposed topics include: History of Quantum Mechanics and the Influence of the German Romantic Movement, Galileo and the Church, Cold War Science and the Rise of Big Science, Nuclear Security, Medieval Engineering.

3010 **Third-Year Lab (2 sh)**
This course constitutes an introduction to the laboratory techniques employed in physics research. Important experiments in the development of modern physics (since 1900) will be covered as well as more contemporary experiments. There is no accompanying lecture course for this lab. Prerequisite: PHYS 2110 or PHEN 2110.

3110 **Statistical Thermodynamics (4 sh)**
This course seeks to investigate how the unifying concepts of atomic theory can lead to an understanding of the observed behavior of macroscopic systems, how quantities describing the directly measurable properties of such systems are interrelated, and how these quantities can be deduced from a knowledge of atomic characteristics. Topics to be covered include properties of equilibria, heat and temperature, statistical ensembles, probability, specification of the state of a system, thermal interaction, work, internal energy, entropy, Maxwell distribution, equipartition theorem, applications to an ideal gas, phases, thermal conductivity, and transport of energy. There is no lab for this course. Prerequisite: PHYS 1220 or PHEN 1220.

3210 **Modern Optics (3 sh)**
This course will investigate the electromagnetic basis of light. Topics to be covered include reflection, refraction, and diffraction of light waves, geometrical optics including aberrations, spectra, and introduction to quantum effects. Modern applications of optics including lasers, holography, and nonlinear effects will also be included. Prerequisite: PHYS 2110 or PHEN 2110. Co-requisite: PHEN 3220 (required).

3220 **Optics Lab (1 sh)**
Lab to accompany PHEN 3210. Practical experience in optics including photography, holography, Fourier optics, microwave diffraction, fiber optics. Prerequisite: PHYS 2110 or PHEN 2110. Co-requisite: PHYS 3210.

3310 **Dynamics (4 sh)**
This course presents a detailed account of the classical mechanics of particles, systems of particles, rigid bodies, moving coordinate systems, Lagrange and Hamiltonian formulations, linear oscillators, driven oscillators, nonlinear oscillations, and central force motion. A review of the mathematics of matrices, vectors, tensors, and vector calculus will be included. No lab is required. Prerequisite: PHYS 2110 or PHEN 2110.

3410 **Electromagnetic Fields (4 sh)**
Electric and magnetic phenomena are discussed in terms of the fields of electric charges and currents. The use of Maxwell's equations in the interaction of fields and charges will be emphasized. Extensions to electromagnetic radiation and the interaction with matter will also be covered. No lab is required. Prerequisite: PHYS 2110 or PHEN 2110.

3510 **Quantum Mechanics (4 sh)**
Quantum mechanics deals with the physics of the microscopic realm where classical mechanics fails to explain phenomena such as those seen in lasers and transistors. This course will cover the experimental results that led to and verified quantum mechanics. It will cover the basic topics of quantum mechanics including wave-particle duality, complementarity, the postulates of quantum mechanics, wave packets (their formation and analysis), operators in quantum mechanics, time independent and time dependent Schrodinger Equation and solutions of it for various potentials including the simple harmonic oscillator, Hermitian operators and eigenvalue equations, commutators, uncertainty relations, and conservation laws. Emphasis will be placed on both the mathematical formalism of quantum mechanics and the philosophical implications and alternatives to the theory. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

3910 **Atomic Physics (2 sh)**
The methods of quantum mechanics are applied to simple atomic systems. Coverage includes a review of quantum theory, solution of the central force problem using Schrodinger's equation, the one-electron atom, time-independent and time-dependent approximation methods, spin, applications of quantum mechanics to multi-electron atoms, shell model of the atom, perturbation theory, variational method and Hartree and Hartree-Fock theories. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

3920 **Solid State Physics (2 sh)**
This course will investigate the properties of condensed matter including crystallographic groups, mechanical properties, thermal properties, and electrical properties of metals and semiconductors. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

3930 **Nuclear and Particle Physics (2 sh)**
This course will investigate the properties of nuclei and elementary particles. Emphasis will be placed upon the structure of nuclei as well as the interactions with nuclei that reveal this structure. Experiments used to obtain information about elementary particles and nuclei will be stressed. Topics to be covered include accelerators and detection systems, interactions of radiation with matter, classification and structure of subatomic particles, symmetries and conservations laws, electromagnetic interactions, weak interactions, hadronic interactions, quarks and Regge poles, nuclear models, and nuclear applications, especially nuclear power. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

3940 **General Relativity (2 sh)**
This course will investigate the basic theory of general relativity. Topics to be covered include the principles of special and general relativity including 3+1 space-time, Lorentz transformations, curved space, black holes, and the Einstein field equations. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

3950 **Advanced Topics in Contemporary Physics (2-4 sh)**
Various topics in contemporary physics will be discussed. The topics will be determined by the interests of the students. There is no lab for this course. Prerequisite: PHYS 2110 or PHEN 2110.

4000 **Departmental Honors in Physics (1-4 sh)**
Independent study in physics towards a B.S. in Physics with Honors. Students will prepare a written paper which must also be presented orally to an appropriate group. Students must submit a proposal of their intended project for departmental approval prior to enrollment. Student must be a physics major with suitable GPA and have permission of the instructor.

4010 **Fourth-Year Seminar (2 sh)**
This course is intended to help students begin to make the transition from student to professional. The course will have three main goals: 1) to help students examine their goals as they enter graduate school or the private sector; 2) to help students prepare for the departmental comprehensive exam; and 3) to begin to familiarize students with the literature in their field of study.

4030 **Knowledge Reloaded (2 sh)**
In PHEN 1410 students examined how we acquire knowledge and gain understanding about our world. In this course students examine the interface between knowledge and practice. Using their experience and information from their undergraduate courses students will examine the point at which physics research becomes truth. Students will examine how society affects research and how physics becomes part of society. This course will include a brief overview of anthropology and sociology of physics. The social construction of knowledge and the anthropology of the laboratory are examples of topics to be considered. Students will particularly focus on science ethics, security issues and the role of the scientist in forming policy.

4910 **Independent Study in Physics (1-4 sh)**
This course is intended as an opportunity for students to study a topic in physics not included in the regular curriculum. Instructors consent required.

4930 **Research Methods (Experimental) (1-4 sh)** GE
Experimental research in physics which may be performed off-campus. Students may repeat this course up to a total of 8 semester hours.

4950 **Research Methods (Theoretical) (1-4 sh)** GE
Theoretical research in physics which may be performed off-campus. Students may repeat this course up to a total of 8 semester hours.

4970 **Internship (1-4 sh)**
Please refer to internship section of the catalog for requirements and guidelines

Politics and Government (POGO)

Alulis (chair), Peterson

The mission of the Politics and Government department is to prepare students for knowledgeable participation in the civic life of their communities. The student who successfully completes the program will:

- Demonstrate the ability to use theoretical and practical concepts to explain political behavior at the local, national, and international levels.
- Show the ability to ethically and effectively participate in the process by which collective decisions are made about the rational use of social resources.
- Articulate and defend the fundamental principles of Western political institutions generally and the American constitutional regime in particular.
- Use an understanding of the cultural sources of political behavior to compare the various ways different societies worldwide organize their political systems.
- Explain the functions and limits of law in ordering society to secure freedom and other social goods.

Major requirements for the B.A. in Politics and Government

Required semester hours

36 sh

Required core courses

POGO 1100, 1600, 2200, 2300, 3100, and 4100

Electives

Three electives from courses numbered above 2500, one of which must be an American politics course and one of which must be an international or a comparative politics course. POGO 3410 is counted as an international politics course. Internships may not be counted toward satisfying the major but will count as general University electives.

Notes and restrictions

The following supporting courses are recommended (not required): HIST 2110, 2120; BSE 2210. Students interested in pursuing graduate work in international relations should take advanced language courses, BSE 3230, and HIST 3260 or 3430. A comprehensive examination is required and must be passed. A minimum of 16 credits at the 3000 level or higher in the major are to be taken at North Park. A minimum of sixteen semester hours at the 3000 level or higher in the major are to be taken at North Park University.

Honors

Students must apply for admission to the program no later than the spring semester of their third year. To graduate with Departmental Honors in Politics and Government students must earn 8 sh of POGO 4920 in addition to the credit required for the major. For general Departmental Honors requirements and POGO 4920 course description, see appropriate sections of this catalog.

Minor requirements in Politics and Government

Required semester hours

20 sh

Required core courses

POGO 1100, 1600 and any three courses numbered above 2500.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1100 **Introduction to Politics (4 sh)**
An examination of the major principles and ideas which have shaped world politics. The perennial questions of justice, equality, freedom, moral relativism, and tyranny as expressed in the great works of representative ancient and modern political thinkers will be critically examined.

1600 **American Government (4 sh)**
An introductory survey of the principles which have shaped the American Republic. The political institutions and processes central to an understanding of American politics and government will be examined including the Constitution, presidency, Congress, Supreme Court, political parties, campaigns, elections, and selected public policy issues.

2200 **International Politics (4 sh)**
An introduction to the theory and practice of the political relations among nations, including a survey of the historical development of the international system, and analysis of the major features of international politics including security, power, diplomacy, and efforts to establish and sustain international society.

2250 **Survey of International Politics (4 sh)**
An examination of selected international issues, policies, and conflicts in the contemporary world. Offered at SVF for North Park students participating in the Sweden Exchange program

2300 **Comparative Politics (4 sh)** GE
An introductory comparative study of the political institutions of the nations of Europe and selected nations of the Middle East, Latin America, Asia, and Sub-Saharan Africa. Forms of government, political culture and history, parties and elections, governing institutions and development will be among the topics considered.

2520 **Criminal Justice (4 sh)**
An overview of the criminal justice system in the United States emphasizing key issues in the process of arrest through trial and sentencing and imprisonment, an analysis of the roles of the police, prosecutors, defense attorneys, and courts, and the various theories of punishment and crime causation. Representative Supreme Court decisions in the law of arrest, right to counsel, capital punishment, search and seizure, and self-incrimination will be analyzed. Prerequisite: POGO 1600. Cross-listed with SOC 2520. Prerequisite: POGO 1600.

3100 **Political Philosophy (4 sh)**
An examination of the development of the classical and modern traditions of political philosophy analyzing the nature and origin of the state, the individual's relationship to the state, the different types of the state, constitutionalism, the ideas of right, law, freedom, justice, equality, and the struggle to prevent tyranny. Readings will include selections from among the following: Plato, Aristotle, Thomas Aquinas, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Smith, Tocqueville, Mill, Marx, Nietzsch, and others. Student must be of third-year standing. Prerequisite: POGO 1100.

3210 **International Political Economy (4 sh)**
An examination of the economic aspects of international relations in the contemporary world. Attention is given to the following: world trading, monetary and financial systems, the role of international institutions both governmental and non-governmental in the world economy, national and regional economic systems, the activities of states to secure advantage in the international economic system, the relation of the state and of international society to economic development and the ongoing globalization of economic activity.

3230 **Issues in International Relations (4 sh)**
Advanced political analysis of the primary issues facing the contemporary international system, including the challenges of economic interdependence and institutionalization, economic development, human rights and democracy, and other transnational concerns. Includes a simulation of an international treaty negotiation. Student must be of third-year standing. Prerequisite: POGO 2200.

3310 **Modernizing China and Japan (4 sh)**
What does it mean to be modern? This course explores the political and social dynamics of creating a modern state in China and Japan in the 19th and 20th Centuries. Focusing on historic initiatives that led to each society's transformation, we examine the push for industrialization, nationhood, and the ideal citizen. Readings draw on the perspectives of ordinary people responding to state-sponsored social change. Cross-listed with SOC 3300.

3370 **Politics of the Middle East (4 sh)**
An analysis of the modern Middle East from the fall of the Ottoman Empire to the present in terms of the concepts of political development, modernization, and civil society. A broad overview of the region is combined with a country-by-country examination of selected states. Particular attention is paid to ideology, political party structure, and ongoing conflicts in the region.

3390 **Israel: State and Society (4 sh)**
An introduction to modern Israel, its history, politics and social state. Topics include: Zionism and the founding of the state, the social make-up, its governing institutions and political life, in particular its parties and electoral system, its place in the international community, and the Israeli-Palestinian conflict.

3410 **American Foreign Policy (4 sh)** GE
An examination of United States foreign policy in the twentieth century with emphasis on the major features of U.S. engagement, the expansion of American power, and an analysis of the foreign policy decision making process.

3500 **Constitutional Law (4 sh)**
An introduction to the judicial process, an examination of the role of law in the American political system, and an historical and theoretical analysis of the United States Constitution as developed in landmark Supreme Court decisions relating to federalism, commerce, and separation of powers, executive and legislative powers. Topics include issues of individual rights: freedom of speech, press, and religion, abortion, censorship and obscenity, racial and gender discrimination, and affirmative action and reverse discrimination. Student must be of third-year standing. Prerequisite: POGO 1600.

3630 **Parties and Elections (4 sh)**
Analysis of the organization and evolution of political parties in the American political process. Topics include the role of nominations, campaigns, elections, campaign finance, public opinion, and interest groups in a representative democracy. Discussion of current local, state and national election campaigns is an important focus. Student must be of third-year standing. Prerequisite: POGO 1600.

3650 **Congress and the Presidency (4 sh)**
An analysis of the creation, the historical development, and the operations of Congress and the presidency with specific emphasis on the political relationships between the two policy making branches of American government. Case studies in congressional and presidential leadership will be examined through biographies of selected twentieth century presidents. Student must be of third-year standing. Prerequiste: POGO 1600.

3690 **Religion and Politics (4 sh)**
An examination of the historical and ongoing relationship between church and state in American politics. Topics discussed include religion?s impact on voting behavior, interpretations of the establishment and free exercise clauses of the First Amendment, and normative questions regarding religion?s role in political life.

3750 **Chicago Politics (4 sh)**
Chicago as a case study of the urban political process as it relates to ward politics, patronage, ethnicity and race, education, housing, poverty, and crime. The rise and the decline of the Chicago Machine from Richard J. Daley to Richard M. Daley and its implications for the future of the city that works will be the central focus of the course.

3910 **Topics in Political Science (4 sh)**
An intensive investigation of a selected topic in politics and government offered from time to time at the discretion of the department.

4100 **Fourth Year Seminar (4 sh)**
An extensive investigation of significant themes through reading, discussion, and research designed to integrate all previous course work in the major. Themes will vary from term to term. Students do a major research project on a topic related to one of the themes of the seminar, assemble their findings in a seminar paper, and present those findings to the seminar. Required of all majors. Student must be of fourth-year standing.

4910 **Independent Study in Politics and Government (2-4 sh)**
Advanced work in fields of special interest not generally available in traditional courses.

4920 **Departmental Honors in Politics and Government (4 sh)**
An independent, high level examination of a political problem or issue and the writing of an honors thesis. Designed for students seeking to graduate with Departmental Honors in Politics and Government.

4970 **Internship in Politics and Government (2 or 4 sh)**
The opportunity to explore a practical employment opportunity in an academic context, including an integration of the practical and the academic elements of the experience. Please refer to Internship section of this catalog for further requirements and guidelines.

Psychology (PSYC)

Gray (chair), Bennett, Schmale, Shirkey

The mission of the psychology major is to prepare its students for lives of significance, intellectual growth, and service through the science and profession of psychology—lives marked by an understanding of the complexity of behavior, informed about its biological, cognitive, developmental, social, and cultural dimensions; and by the use of empirical methods, interpretive skills, and faith, in the application of knowledge for human well-being.

Requirements for the B.A. in Psychology

Required semester hours

36 sh

Prerequisites and supporting courses

STAT 1490

Required core courses

PSYC 1000, 2100, 3010, 3100, 3150, 3500, 4901. One course from Group A: PSYC 3200, 3600, 3700. Two courses from Group B: PSYC 3250, 3400, 3800, 3900

Notes and Restrictions

All majors are required to take and pass an objective comprehensive exam during the final semester of the major; or, anyone failing that exam will be required to take and pass a departmental comprehensive essay exam. Students must enroll in PSYC 4901: Psychology Comprehensive Exam (0sh) to complete this requirement.

Students with a human services focus should select PSYC 4100, 4200, and 4970. Students preparing for graduate school in psychology should select PSYC 3400, 4100 and 4500.

In unusual circumstances, particular course prerequisites may be waived by the course professor. All majors are required to take and pass a national major field achievement test midway through the final semester of the major; or, anyone failing that exam will be required to take and pass a departmental comprehensive essay exam.

Honors

For Departmental Honors in Psychology, 4 sh of PSYC 4000 are required in addition to the 36 sh for the B.A. degree. Application for admission should be made the second semester of the third year. For Departmental Honors requirements and PSYC 4000 course description, see appropriate sections of this catalog.

Requirements for the B.S. degree in Psychology

Required semester hours

52 sh

Prerequisites and supporting courses

STAT 1490

4sh in Life, Physical or Mathematical Sciences

Required core courses

PSYC 1000, 2100, 3010, 3100, 3150, 3500, 3910, 4000 or 4970, 4901. One course from Group A: PSYC 3200, 3600, 3700. Two courses from Group B: PSYC 3250, 3400, 3800, 3900, 8 additional sh from either Group A or B.

Notes and Restrictions

- Students who wish to pursue doctoral studies in Psychology should choose the B.S. option. Graduate psychology programs are extremely competitive and this curriculum offers the most thorough preparation.
- Students should seek regular advising regarding which courses would be most appropriate for their specific career goals.
- Students must verify the eligibility of the science course with their PSYC advisor for approval for the B.S. degree. Advisors have a list of appropriate course options to recommend based on advice from the chairs of the science departments.
- Students must verify the eligibility of the PSYC 3910 section with the instructor and declare their intention to use the course as a requirement for the Bachelor of Science degree. Some PSYC 3910 courses may not be eligible to meet this requirement if they are not structured as advanced seminars on a detailed topic.
- Student may complete a 4 sh internship or two 2 sh internships to fulfill this requirement. Internships must be officially recorded as PSYC 4970 and arranged through Career Services. Students must have a current psychology faculty member as a faculty sponsor.
- If student meets the criteria for Honors and has a faculty sponsor, he or she may complete a senior honors project (PSYC 4000) as an alternative to an internship. Students particularly interested in an experimental PhD program should pursue this option.
- Students must enroll in and pass PSYC 4902: Psychology Portfolio in their final semester.

Honors

For Departmental Honors in Psychology, 4 sh of PSYC 4000 are required in addition to the 36 sh for the B.A. degree. Application for admission should be made the second semester of the third year. For Departmental Honors requirements and PSYC 4000 course description, see appropriate sections of this catalog.

Minor requirements in Psychology

Required semester hours

20 sh

Prerequisites and supporting courses

STAT 1490

Required core courses

PSYC 1000, 2100

Electives

12 additional hours in psychology

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1000 **Introduction to Psychology (4 sh)**
An introduction to the methodology and the major content areas of psychology.

1200 **Stress and Health (2 sh)** GE
Introduces the concepts of stress and health, including physical and psychological well-being, nutrition and exercise.

2100 **Research Methods in Psychology (4 sh)** GE
Introduces the methods and statistics used in the study of psychology, including case study, survey, observation, and experimentation. Special attention to the unique requirements of human subjects. Lecture plus lab experience. Prerequisite: PSYC 1000, STAT 1490.

2700 **Human Lifespan Development (4 sh)**
Studies physical, cognitive, social, and emotional development across the human lifespan. The course incorporates theories, methods, and research with both children and adults. Prerequisite: PSYC 1000.

3010 **Behavioral Neuroscience (4 sh)**
Explores how biological mechanisms interact with experience to create behavior, with an emphasis on components of the nervous system, and the biological bases of the sensory systems. Labs included. Prerequisite: PSYC 2100.

3100 **Learning and Cognition (4 sh)**
Examines some of the central aspects of behavior and mental life: classical and operant conditioning, remembering, forgetting, solving problems, making decisions, and communicating. Combines experimental data, everyday experience, and psychological theory. Lecture plus lab experience. Prerequisite: PSYC 2100.

3150 **Developmental Psychology (4 sh)** GE
Explores the nature and course of physical, social, and cognitive development and patterns of growth, change, and stability in behavior that occur throughout the entire lifespan. Special attention to developmental research. Pre-requisite: PSYC 2100.

3200 **Personality (4 sh)**
Focuses on the scientific investigation of individuals' characteristic patterns of thinking, feeling, and behaving from a psychological perspective. Includes historical and contemporary approaches, current research, personality assessment, and the application of personality concepts in everyday life. Lecture plus lab experience. Prerequisite: PSYC 2100.

3250 **Psychology of Gender and Sexuality (4 sh)**
This course is an overview of the scientific study of gender and human sexuality and will familiarize students with both basic and advanced concepts in these fields. This course is a survey of research and current thinking and emphasizes the scientific investigation of human mental processes and behavior. Prerequisite: PSYC 2100.

3400 **Psychological Testing (4 sh)**
Studies the history, principles, and applications of psychological testing and assessment. Included are: the functions of psychological testing; technological and methodological components such as reliability and validity; test development and construction. Particular focus on the theories and uses of intelligence and personality tests. Lecture plus lab experience. Prerequisite: PSYC 2100.

3500 **Social Psychology (4 sh)**
Introduces the study of human behavior in groups, including social cognition, social influence, attribution, social comparison, attraction and friendship, stereotypes, and the self. The course incorporates theory, research, and application. Prerequisite: PSYC 2100.

3600 **Abnormal Psychology (4 sh)**
Studies psychological disorders, etiologies, assessment, and interventions. This includes the history of abnormal psychology; theory and research; and biological, psychological, and social approaches to treatment. Field visits and extensive use of video recordings are included. Prerequisite: PSYC 2100.

3700 **Counseling Psychology (4 sh)**
Introduces research and principles, theories, and techniques of counseling. Emphasizes the practice and mastery of basic listening and responding skills; sound judgment and the limits of practice; and professional ethics. Lab experience using video recordings of skills practiced by the students. Prerequisite: PSYC 2100.

3800 **Perception (4 sh)**
Studies the relationship between the external world and our internal representation of it151the world as we perceive it. Considers the bases of accurate perception, factors contributing to perceptual distortion and disability, the dimensions and processes of consciousness, and the nature of reality. Lecture plus lab experience. Prerequisite: PSYC 2100.

3900 **Psychology of Language (4 sh)**
Examines the nature and origin of human language and what is known about how humans speak, listen, comprehend, converse, and read, as well as how language influences other aspects of cognition. Included are the neurological and social underpinnings of language, time-course of acquisition, sign language, bilingualism, and animal language. Prerequisite: PSYC 2100.

3910 **Topics in Psychology (2 or 4 sh)**
Studies in depth and detail selected topics in psychology. Repeatable. Prerequisite: PSYC 2100.

4000 **Departmental Honors in Psychology (2-4 sh)**
Studies an approved research topic in depth and detail under the supervision of department faculty. Involves a literature review, design of a study, analysis, and write-up. The final paper is presented to the larger university and/or psychological community. Students may register for PSYC 4000 in one semester for 4 sh, or two semesters for 2 sh each. Student must have approval of the project proposal by the department faculty and assignment of the supervisor.

4400 **History and Systems of Psychology (4 sh)**
A capstone seminar for students applying to graduate programs in psychology. A systematic review of the roots of psychology in philosophy and physiology; emphasizes the historical development of and connections in thought and methods among major subfields of contemporary psychology. Admission to the course is limited to third and fourth year psychology majors who obtain permission of the instructor based upon superior grade point averages.

4901 **Psychology Comprehensive Exam (0 sh)**
All majors are required to complete and pass the psychology comprehensive exam prior to graduation. Students should enroll in PSYC 4901 in their final fall or spring semester at North Park University. The psychology comprehensive exam is a cumulative exam covering all content in major PSYC courses offered at North Park University.

4902 **Psychology Portfolio (0 sh)**
Reviews academic progress, career planning and exploration, and evidence of major outcomes in psychology through personal reflection. Student will submit an organized sample of education work samples and skills for review. Independent study.

4910 **Independent Study in Psychology (1-4 sh)**
Studies in detail a topic chosen by the student in consultation with a department faculty member whose approval is required for the course. Repeatable.

4930 **Directed Research (2-4 sh)**
This course is open to students with an interest in a special topic in psychological research. Students must be a psychology major, in

their final year, with a minimum Psychology GPA of 3.0. Students will work under the direction of a faculty mentor on a novel research project. Permission of the faculty mentor and departmental approval is required prior to enrollment in this course.

4970 **Internship in Psychology (1-4 sh)**
Please refer to the internship section of the catalog for requirements and guidelines.

Scandinavian Studies (SCAN)

Andreasson-Hogg

The objectives of the Scandinavian Studies major are: 1) to impart to the student a knowledge of the Swedish or Norwegian language in its spoken and written forms and 2) to develop the student's awareness of the environmental and cultural context of the Scandinavian languages, i.e., Scandinavian history, literature, arts and contemporary society in five countries (Sweden, Norway, Denmark, Finland, and Iceland); and 3) to develop abilities comprehending Scandinavian languages.

Major requirements for the B.A. in Scandinavian Studies

Required semester hours

36 sh

Required core courses

SWED 1010, 1020, 2010, 2020, 3150; or NORW 1010, 1020, plus a semester language study in Norway to earn NORW 2010, 2020, 3150; and SCAN 2130; 3200; 3250, 4901.

Electives

4 additional hours in Swedish from 4000, 3910, 4910

Special programs

The Center for Scandinavian Studies administers exchange programs with institutions in Scandinavia and invites guest faculty, artists, performers, and lecturers. Students are encouraged to spend a semester or a year on exchange in Scandinavia.

Minor requirements in Scandinavian Studies

Required semester hours

20 sh

Required core courses

SWED 1010, 1020, 2010, 2020; or NORW 1010, 1020, plus semester in Norway to earn NORW 2010, 2020.

Electives

4 additional hours in Scandinavian Studies

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

2040 **Swedish Phonetics and Pronunciation (2 sh)**
Phonetics and pronunciation is a practical course that aims to help majors improve their pronunciation and learn how to teach pronunciation to others. It also includes the theoretical treatment of phonetics: specifically articulatory phonetics, phonology, linguistics structures, and intonation that will be language specific.

2130 **Scandinavian History and Culture (4 sh)** GE
Course offered in English. Scandinavia's role in European development. The Viking age, the medieval period, the Reformation, the Counter-Reformation, the modern breakthrough, nineteenth century migration, emergence of the modern democracies, and the Welfare State.

3200 **Ibsen and Strindberg (4 sh)** GE
Course offered in English. Lectures with reading, discussion, analysis, and synthesis of representative plays of Scandinavia's two internationally significant dramatists.

3250 **Reading and Comprehending Scandinavian Languages (4 sh)**
The study of current texts in Swedish, Norwegian, and Danish develops the student's ability to read and comprehend the other Scandinavian languages. The texts will reflect issues related to the environment, business and contemporary society in Scandinavia. (Course offered in Swedish, Norwegian and Danish.) Prerequisite: SWED 3150 or Norwegian or Danish equivalent.

3910 **Topics in Scandinavian Studies (2 or 4 sh)**
Topics courses offered either by the Swedish Department or in cooperation with the Center for Scandinavian Studies.

4000 **Departmental Honors in Swedish (4 sh)**
Honors students will write a major paper at the honors level and make an oral presentation of the paper at a Spring Honors Symposium.

4901 **Senior Assessment (0 sh)**
A non-credit course for which all Scandinavian Studies majors must register in order to complete their final requirements to graduate: a portfolio, an oral proficiency interview, and written exit questionnaire. Graded on a pass/fail basis.

4910 **Independent Study in Swedish (1-4 sh)**
Advanced independent research. Open to majors in other disciplines with a reading knowledge of the language.

4970 **Internship in Swedish (1-4 sh)**
Please refer to the internship section of the catalog for requirements and guidelines.

Sociology (SOC)

Steinhart (chair), Nedilsky

Offerings in sociology are designed to provide the student with: 1) skills required to assemble and interpret data concerning social behavior, 2) comprehension of basic concepts and theories in sociology, and 3) awareness of human variability in different cultural contexts.

Sociology Major:

Basic courses required for the majors in sociology analyze patterns of human relationships in complex industrial societies including non-Western societies. Skills developed by the students will help prepare them for graduate study in these and related fields, employment in the business areas related to the analysis of social behavior, as well as, employment in international business, government, and service fields. North Park's urban location provides opportunities for students interested in urban sociology, the sociology of culture, and applied sociology.

Major requirements for the B.A. in Sociology

Required semester hours

36 sh

Prerequisites and supporting courses

STAT 1490

Required core courses

SOC 3010, 3500, 3930, 4010

Electives

One course from each area plus one additional course from any of the 4 areas to total 20 semester hours:
Social Identity: SOC 2090, 2150, 2500, 3100, 3410
Social Organization: SOC 2130, 2800, 2900, 3030, 3080, 3130
Social Deviance: SOC 2100, 2520
Social Change: SOC 2530, 3300, 3310, 3800

Notes and Restrictions

No more than two cross-listed courses taught outside the department may be counted toward the major. Cross listed courses are indicated in the course descriptions. A comprehensive examination is required and must be passed for graduation. A minimum of 16 credits at the 3000 level or higher in the major are to be taken at North Park.

Honors

Prospective students must submit a research proposal two weeks prior to the last day of classes of the spring semester of their third year. To graduate with Departmental Honors in Sociology students must successfully complete 8 semester hours of SOC 4000 in addition to their major requirements. For general Departmental Honors requirements and SOC 4000 course description, see appropriate sections of this catalog.

Minor requirements in Sociology

Required semester hours

20 sh

Required core courses

none.

Criminal Justice Major:

The objective of the major in Criminal Justice is to provide students with an education in criminal justice that prepares them to think critically about the problems of crime and justice and to prepare them for a career in the field of law enforcement.

Crime and social deviance are multifaceted phenomena, involving both traditional criminal behaviors and domestic violence, but also encompassing more recently recognized fields such hate crimes, organizational offenses against the environment, or corporate crime. We recognize that the pursuit of justice involves not only the criminal sanctioning system of police, courts, and corrections, but also matters of justice and a variety of other social and political institutions such as regulatory systems, civil law and administrative law, alternative dispute resolution, and community initiatives.

Major requirements for the B.A. degree in Criminal Justice

Required semester hours

36 sh

Prerequisites and supporting courses

POGO 1600, SOC 1910, STAT 1490

Required core courses

SOC 2090, SOC 2100, POGO 2520, SOC 3030, SOC 3200, SOC 3330, SOC 3400, SOC 3450, SOC 3500, SOC 3900, SOC 3950

Electives

CTS 3000, SOC 2800, SOC2 930, POGO 3600, SOC 4910, SOC 4000, POGO 4970, SOC 4970

Notes and Restrictions

A minimum of 18 credits at the 2000 level or higher in the major are to be taken at North Park.

Honors

Prospective students must submit a research proposal two weeks prior to the last day of classes of the spring semester of their third year. To graduate with Departmental Honors in Criminal Justice students must successfully complete 8 semester hours of SOC 4000 or POGO 4920 in addition to their major requirements. For general Departmental Honors requirements and SOC or POGO 4000 course descriptions, see appropriate sections of this catalog.

Minor requirements in Criminal Justice

Required semester hours

20 sh

Required core courses for the minor from the following list

POGO 2520, SOC 3200, SOC 3330, SOC 3400, SOC 3450, SOC 3900, SOC 3950

Notes:

SOC 3200, SOC 3330, SOC 3400, SOC 3450, SOC 3900, and SOC 3950 are taught in the School of Adult Learning (SAL), and are intensive courses. All courses meet for 7 weeks (1 quad), once weekly, typically in the evenings. Four-hour courses meet for four hours (usually 6-10 pm); 2-hour courses meet for two hours (usually 6-8 pm). Students should be prepared for a concentrated experience and plan their schedules accordingly.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1910 **Introduction to Sociology (4 sh)** GE
Problems, fields, and methods of sociology. Emphasis on a theoretical frame of reference to explain basic social processes, the role of culture in social behavior, the nature of social organization, and social and cultural change. Intensive reading in descriptive studies from a wide range of societies.

2090 **Race and Ethnicity (4 sh)** GE
Characteristics and definitions of race and ethnicity in various cultures and societies. Significance for cultural pluralism.

2100 **Social Problems (4 sh)** GE
A variety of social issues have assumed enough prominence to be labeled problems. This course is intended to provide the student with a conceptual framework within which to examine social problems. Emphasis will be on issues such as poverty, crime and punishment, affordable housing, education and deviance.

2130 **Mexican History and Culture (4 sh)** GE
A multi-disciplinary approach to the study of Mexico from pre-Colombian societies to the present. Taught in English. Required for the Morelia program. Cross-listed with SPAN 2130.

2150 **Gender Studies (4 sh)**
Exploration of male and female gender roles in culture and society. Importance of gender in workplace, family, education, and belief systems. Analysis of power. Assessment of the contribution of feminist theories to study of gender. Cross-listed with WGS 2150.

2500 **Introduction to African Studies (4 sh)**
This course, utilizing the disciplines of history, sociology, and anthropology, will present, discuss, and analyze the African-American experience from pre-slavery West Africa to contemporary U.S., with particular emphasis on current cultural, theological, social, economic, and political issues that exist within the African-American community. Cross-listed with AS 2500.

2520 **Criminal Justice (4 sh)**
An overview of the criminal justice system in the United States emphasizing key issues in the process of arrest through trial and sentencing and imprisonment, an analysis of the roles of the police, prosecutors, defense attorneys, and courts, and the various theories of punishment and crime causation. Representative Supreme Court decisions in the law of arrest, right to counsel, capital punishment, search and seizure, and self-incrimination will be analyzed. Prerequisite: POGO 1600. Cross-listed with POGO 2520. Prerequisite: POGO 1600.

2530 **The Civil Rights Movement 1954-1970'S (4 sh)**
Emphasizes the period from 1954 through the 1970s as a time of social turmoil and change in American society during which African-Americans insisted on inclusion in the nation's mainstream and power in their own right. Employs social movement theory in examining the history, progress, and effects of the Civil Rights Movement in general and in studying such organizations as the NAACP and such leaders as Martin Luther King in particular. Cross-listed with AS 3030.

2800 **Marriage and Family (4 sh)**
The family is an important social institution that profoundly affects us. This course is designed to study the diversity of families and explore the historical changes in marriage patterns. Topics covered include dating and mate selection, family structures, marital satisfaction, parenting, divorce and remarriage, alternative lifestyles, and the diversity of meaning that the institution has in the United States and cross-culturally.

2900 **Community and Initiative (4 sh)**
Initiatives to establish community are what make the United States what it is today. This class explores how voluntary association, the visions of utopian planners, and the networking of migrants and minorities have all contributed to this country's political and spatial peculiarities. It also asks students to consider whether community is still possible today, and, if so, at what cost? Through service learning excursions, students will get their own answers to these questions.

2930 **Topics in Sociology (1-4 sh)**
Intensive investigation of a selected topic of current interest in sociology. The specific subject matter may vary from year to year, reflecting the interests of both faculty and students. The courses are designed for all students and are taught at an introductory level.

3010 **Social Thought (4 sh)**
Critical examination of the theoretical foundations of the study of society and culture. Historical evolution of social and anthropological thought as well as contemporary analysis. Required of all students majoring in sociology.

3030 **Urban Sociology (4 sh)** GE
90% of urbanization taking place today is in the developing world-Latin America, Africa, and Asia. How can Western classical theories of urbanization developed in the 19th and 20th Centuries inform contemporary experiences of migration, individualism, social control, social movements and redevelopment in non-Western countries in the 21st Century Lectures, reading and case studies from local authors provide ample opportunity for cross-cultural comparisons.

3080 **Power, Privilege and Inequality (4 sh)**
Examination of class, status, and power; their origin, change, and interrelationship with other aspects of society; societal distribution of resources and rewards. Analysis of forces influencing individual and group mobility.

3100 **Sociology of Religion (4 sh)**
Relationship of culture and society to religion. Analysis of social, political, and economic forces with religious belief, expression, and practice.

3130 **Justice in Education (4 sh)**
Applied to America's system of schooling, justice as an ideal has inspired a meritocratic system, and justice as a goal has offered up education as the great equalizer. Yet these related pursuits have, arguably, proven illusory. Sociologists, educators, students, and other concerned citizens continue to tweak our existing systems, to correct for past disadvantages, to achieve new notions of justice. Through lectures, readings, fieldtrips, and service-learning, this course follows developments in education, with an eye on what are our ideals, and what it means to fail at achieving them.

3200 **Correctional Services (4 sh)**
Review of the historical and contemporary structure, philosophical underpinnings, and administration of adult corrections in the United States. Emphasis is placed on the purpose and goals of the correctional system and the critical issues and problems facing it today. Major topics include discussion of the various philosophies of punishment, sentencing strategies, and the prison community. The social, political, and economic impact on correctional services, such as boot camps, sentencing reform, overcrowding, community-based alternatives, punishment versus rehabilitation debates, and reintegration are explored. Cross listed with CJ 3200. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prerequisite: SOC/POGO 2520.

3300 **Modernizing China and Japan (4 sh)**
What does it mean to be modern? This course explores the political and social dynamics of creating a modern state in China and Japan in the 19th and 20th Centuries. Focusing on historic initiatives that led to each society's transformation, we examine the push for industrialization, nationhood and the ideal citizen. Readings draw on the perspectives of ordinary people responding to state-sponsored social change.

3310 **Movements for Change (4 sh)**
Who fights for change? Why? And how? Answers tend to vary with historical circumstance. Increasingly today we find trans-border problem solving to deal with problems that cross borders-problems like environmental degradation, migrant rights, and criminal or health issues. This course looks at the transformation of old and the emergence of new institutions as people try not only to cope but realize their vision of a just society.

3330 **Juvenile Justice System (4 sh)**
The contemporary juvenile justice system is analyzed from historical and philosophical perspectives. An overview of the procedures, structures, and treatment of juvenile offenders are provided as well as an exploration of the purpose and primary operations of juvenile detention and probation services. Further emphasis is placed on the nature and extent of delinquency, theories of causation, current trends, prevention, problem solving, and the delivery of services to this population. Students compare and contrast different approaches and future trends in juvenile justice among countries within and outside of the United States. Cross listed with CJ 3300. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prerequisite: SOC/POGO 2520.

3400 **Criminal Procedure (2 sh)**
An overview of the structure of the United States court system, sources of individuals' rights and the constitutional limitations on the prohibition of criminal conduct will provide a foundation for this study of criminal procedural law. This course will examine the legal continuum from the initial search and seizure of a suspect, to the arrest and interrogation, pre-trial process, criminal trial, sentencing and punishment, and appeal and post-conviction rules. Cross-listed with CJ 3400. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prerequisite: SOC/POGO 2520.

3410 **Migration and Identity (4 sh)**
Study of dynamics of immigrants, adaptation, intercultural acculturation, education of next generations, family life, interracial marriage, ethnic conflict with business, religion, economic, and political functions.

3450 **Criminal Law (2 sh)**
Provides with an overview of criminal law with an emphasis on the major crimes to include offenses against: the person, habitation, property, public morality, alcohol and drug offenses, and white collar and organized crime. The course will explore an individual's liability for criminal conduct, criminal responsibility or intent, and the circumstances that may modify the individual's responsibility for a criminal act. Special defenses to criminal acts will also be discussed. Cross-listed with CJ 3500. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prequisite: SOC/POGO 2520.

3500 **Methods in Social Research (4 sh)** GE
An introduction to the logic of scientific inquiry and its implication for social research. Research strategy, definition of research goals, methods of data collection and analysis. Required of all students majoring in sociology. Prerequisite: STAT 1490.

3800 **Globalization: Transforming Economy and Culture (4 sh)**
Global Village or Global Pillage? Focusing on the experiences of the United States and China, this class provides a theoretical framework and historical perspective to understanding globalization as both an economic and cultural process. Lectures, reading and case studies of local responses to globalization illustrate how this process reorders, integrates and transforms societies.

3900 **Law Enforcement Administration (2 sh)**
Application of the fundamental theories and principles related to the professional management and administration of law enforcement agencies. The basic management concepts of police administration and forms of police organization are analyzed and evaluated. Examines specific operational functions such as budgeting, personnel, planning, technology, and productivity measurements. Designed to assist students in developing the ability to interpret and implement complex policy such as homeland security into their professional practice. Cross-listed with CJ 4000. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prerequisite: SOC/POGO 2520.

3930 **Practicum in Sociology (4 sh)** GE
Hands-on and practical, this class introduces students to the qualitative methods of research such as observation and interview as students support Chicago institutions through service learning. Team work around common interests, learning outside the classroom, and application of existing talents and skills sets this course apart. Required of all students majoring in sociology, but not limited to sociology majors.

3950 **Restorative Justice (2 sh)**
An in-depth analysis of the key principles and concepts critical to the practical application of restorative justice. Acknowledges that crime causes injury to people and communities and that restorative justice seeks healing, wholeness, and reconciliation for all parties. Introduces the student to a variety of established restorative methods such as family/group conferencing, victim/offender mediation, and peace making circles. Cross-listed with CJ 4200. Enrollment limited to Criminal Justice majors or permission of instructor or department chair. Prerequisite: SOC/POGO 2520.

4000 **Departmental Honors in Sociology (8 sh)**
Prospective students must submit a research proposal two weeks prior to the last day of the spring semester of their third year. To graduate with Departmental Honors in Sociology a student must successfully complete 8 semester hours of SOC 4000 in addition to their major requirements.

4010 **Seminar in Sociology (4 sh)**
Directed research will integrate students' knowledge in sociology. The research project will facilitate use of students' reasoning and writing skills and their insights of sociology. Required of all students majoring in sociology. The sociology comprehensive examination is administered in conjunction with SOC 4010. Prerequisite: SOC 3010, 3500, 3930 and fourth year standing.

4910 **Independent Study in Sociology (1-4 sh)**
Self-directed study of material not covered in an existing course. Requires pre-approval by faculty of proposed course topic, reading list, learning activities, and tools of evaluation.

4970 **Internship in Sociology (2 or 4 sh)**
Please refer to the internship section of the catalog for internship requirements and guidelines.

Spanish (SPAN)

Bricault (chair, modern languages), Craft, Florian, Parkyn

The objectives of the department of Spanish are incrementally increased as students' progress in the program. Students fulfilling the General Education requirements should demonstrate a communicative proficiency in writing, reading, and speaking day-to-day Spanish. They should possess an understanding of basic grammatical structures and a general awareness of the various cultural and political identities of Spanish-speaking peoples.

Students who complete a minor in Spanish should demonstrate competence in managing the grammatical, lexical, and cultural elements of many life-based oral and written interactions with native speakers, comprehension of reading materials intended for the general Spanish speaking population, and specific knowledge of the concerns and cultural patterns of some Spanish-speaking cultures.

Students who complete a major in Spanish should demonstrate broad and accurate mastery of written and spoken Spanish as it relates to daily and academic, particularly literary topics. In addition to mastery of linguistic elements, they should demonstrate broad knowledge of the historical and intellectual heritage of the various Spanish-speaking cultures, and an in-depth analysis of issues relating to Spain Mesoamerica, the Caribbean, or South America.

Major requirements for the B.A. degree in Spanish

Required semester hours

36 sh

Required core courses

SPAN 1010, 1020, 2010, 2020, 4010, 4901; one of 3150 or 3930; and one of the following: 2040, 3160, or 3170.

Majors are required to participate in an approved foreign study program in Spanish, such as the winter program in Cuenca, Ecuador.

Electives

Students may choose any additional courses above SPAN 2020 as electives to bring the total of semester hours for the major to 36. The study abroad requirement may be waived for heritage speakers by substituting a minimum of 4 sh of SPAN 4970 Internship in Community Spanish.

Notes and restrictions

SPAN 2130 does not count toward the major or minor. in Spanish but will count toward a minor in Latino and Latin American Studies, which is recommended.

In addition to the major requirements, secondary education students must take SPAN 3150; 2040; and either 3160 or 3170; and must pass the Oral Proficiency Interview at the high intermediate level.

Honors

Students with a GPA of at least 3.5 may apply for Departmental Honors in Spanish. During their fourth year, they will enroll in SPAN 4000 (4 sh) in which they will complete a research paper on a selected topic in Spanish (25 pages). For general Departmental Honors requirements and description of SPAN 4000, see appropriate sections of this catalog.

Minor requirements in Spanish

Required semester hours

20 sh

Required core courses

SPAN 1010, 1020, 2010, 2020 (or equivalent), and one of 2030, 3150 or 3930.

Electives

Any additional Spanish courses.

SPAN 2130 cannot be applied to the minor.

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Spanish I (4 sh)** GE
Introduction to Spanish through materials relating to culture and contemporary society, with equal emphasis on listening, speaking, reading and writing. Coordinated with multi-media materials. No credit for SPAN 1010 will be granted to students who have completed more than two years of high school Spanish within the last five years.

1020 **Basic Spanish II (4 sh)** GE
Introduction to Spanish through materials relating to culture and contemporary society, with equal emphasis on listening, speaking, reading and writing. Coordinated with multi-media materials. Prerequisite: SPAN 1010.

2010 **Intermediate Spanish I (4 sh)**
Expansion of vocabulary, review of grammar, and extended involvement in conversation and writing through work on short readings about contemporary Hispanic culture. Prerequisite: SPAN 1020.

2020 **Intermediate Spanish II (4 sh)**
Expansion of vocabulary, review of grammar, and extended involvement in conversation and writing through work on short readings about contemporary Hispanic culture. Prerequisite: SPAN 2010.

2030 **Advanced Intermediate Conversation and Grammar (4 sh)**
Taught only during the winter program in Morelia, Mexico. Prerequisite: SPAN 2010.

2040 **Spanish Phonetics and Pronunciation (4 sh)**
An introduction to how the sound system of Spanish functions with emphasis on phonetic transcription, accentuation, syllabification, spelling, dialectical variations, and contrast with English. Prerequisite: SPAN 2020.

2130 **Mexican History and Culture (4 sh)** GE
A multi-disciplinary approach to the study of Mexico from pre-Colombian societies to the present. Taught in English. Required for the Morelia program. Does not count for the major or minor.

3100 **Literature of Spain I: Medieval the Golden Age (2 sh)**
A survey of Spanish literature as viewed through short selections of classic literature from the Cid through Cervantes. Taught in Spanish.

3150 **Advanced Grammar and Composition (4 sh)**
An intensive review of problematic grammar and vocabulary through short literary selections to strengthen written expression. Prerequisite: SPAN 2020.

3160 **The Cultures of Spain (2 sh)**
Advanced intermediate course taught in Spanish, intended to familiarize students with major trends and some specific detail concerning the culture and history of Spain. Course content will expand vocabulary and reinforce grammar while improving skills

of summary and synthesis. Applicable toward Spanish major and minor. Prerequisite: SPAN 2020.

3170 **The Cultures of Latin America (2 sh)**
Advanced intermediate course taught in Spanish, that introduces major trends in four regions of Latin America: The Caribbean, the Andes, the Southern Cone and Central America. Course content will expand vocabulary and reinforce grammar while improving skills of summary and synthesis. Applicable toward Spanish major and minor. Prerequisite: SPAN 2020.

3200 **Literature of Spain II: Neoclassical through Contemporary (2 sh)**
A survey of Spanish literature including Neoclassic, romantic, the Generation of '98, '27 Civil and post-Civil War. Students read short selections and one full-length work. Taught in Spanish. Prerequisite: SPAN 2030 or 3150.

3300 **Colonial Latin American Literature (2 sh)**
A survey of significant literary movements in Latin America and representative works from the conquest to the nineteenth century. Prerequisite: SPAN 2030 or 3150.

3400 **Contemporary Latin American Literature (2 sh)**
A survey of significant literary movements in Latin America in the nineteenth and twentieth centuries as viewed through representative works. Prerequisite: SPAN 2030 or 3150.

3910 **Topics: Language or Literature (2-4 sh)**
An in-depth study on selected topics from the field of language, literature or cultures of Spanish speaking people.

3920 **Mexican Literature (4 sh)**
An in-depth study of a theme in contemporary Mexican literature, taught in conjunction with the Morelia program. Prerequisite: SPAN 2030 or 3150.

Statistics (STAT)

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1490 **Introductory Statistics (4 sh)** GE
Introduction to applied statistical analysis. Descriptive, correlational, and inferential statistics; concepts of population, sample, sampling distribution; elements of probability; parameters of discrete distributions; hypothesis testing: analysis of proportions, means, and variance; linear regression. Computer applications required. Cross-listed with MATH 1490. Prerequisite: MATH 1005 or MATH 1010 with a minimum grade of C or by math placement.

1491 **Multivariate Data Analysis for Business (2 sh)**
This course presumes that a basic statistics course has been taken. The course will attempt to review some fundamental multivariate procedures that are often used in the social science and business environments. The course will begin with a review of options of dealing with missing data and outliers. The assumptions of multivariate analysis will be explained. Quantitative procedures such as multiple regression, discriminate analysis, and conjoint analysis will be discussed. The analysis of qualitative data through log-linear models will then be reviewed. A data set will be provided with which these techniques will be applied. Prerequisite: STAT 1490.

Swedish (SWED)

Andreasson-Hogg

GE Designates a course that fulfills all or part of a General Education (G.E.) requirement; see the General Education Program section of the catalog for more information.

1010 **Basic Swedish I (4 sh)** GE
Introduction to contemporary Swedish through materials relating to culture and civilization with equal emphasis on listening, speaking, reading, and writing. No credit for SWED 1010 will be granted to students who have more than two years of high school Swedish within the last five years.

1020 **Basic Swedish II (4 sh)** GE
Introduction to contemporary Swedish through materials relating to culture and civilization with equal emphasis on listening, speaking, reading, and writing. Prerequisite: SWED 1010.

2010 **Intermediate Swedish I (4 sh)**
Review and reinforcement of Swedish grammar. Discussion based on the reading of materials on everyday situations. Daily practice in conversation. Prerequisite: SWED 1020.

2020 **Intermediate Swedish II (4 sh)**
Extensive reading of simple literary works of high quality to develop reading comprehension. Theme writing based on the assigned texts and on contemporary topics to achieve a higher degree of proficiency in writing skills. Prerequisite: SWED 2010.

2040 **Swedish Phonetics and Pronunciation (2 sh)**
Phonetics and pronunciation is a practical course that aims to help majors improve their pronunciation and learn how to teach pronunciation to others. It also includes the theoretical treatment of phonetics: specifically articulatory phonetics, phonology, linguistics structures, and intonation that will be language specific. Prerequisite: SWED 2020.

3150 **Advanced Swedish Grammar and Composition (4 sh)**
Intensive study of vocabulary, idiom, and grammar to strengthen self-expression and fluency. Prerequisite: SWED 2010, 2020.

Women's and Gender Studies (WGS)

The minor in Women's and Gender Studies gives students the opportunity to explore these two interdisciplinary fields through academic study and creative activities focused on women's and men's experiences in gendered cultures and sub-cultures in the United States and globally. The purpose of the program is to develop students' understanding of their own and others' identities by recognizing the nexus of gender and other identity markers, such as race, class, nationality, religion, sexuality, and others. The program complements a variety of professional and liberal arts majors.

Minor requirements in Women's Studies

Required semester hours

20 sh

Required core courses

2010, 2020, 2130, 3100

Electives

4 additional hours from WGS 2150 or 4910.

Notes and restrictions

- Students must complete a form listing the courses they have taken to complete the minor, to be obtained from the department and on the department website.
- Students must turn in a simple portfolio to the chair of the department containing the following:
  1. A statement of their specific goals upon entering the program
  2. A self-assessment of the achievement of those goals-including what educational experiences most enhanced their learning, curricular and extracurricular.
  3. Two samples of student work from each course: completed: projects, essays or exams.

2010 **Introduction to Women's and Gender Studies (4 sh)** GE
This course introduces students to Women's and Gender Studies by exploring contemporary gendered issues through the lenses of race, class, sexuality, and disability. Women's experiences across cultures and co-cultures are emphasized.

2020 **Gender and Justice (4 sh)**
This course traces the pursuit of justice and equal rights for women and men in the U.S. through the first and second wave feminist movements, as well as contemporary feminist adn queer movements. The focus is on the ethics and moral reasoning used in the past and today to frame the cultural debates.

2130 **Contemporary Feminism (4 sh)**
This course introduces students to Women's and Gender Studies by exploring contemporary gendered issues through the lenses of race, class, sexuality, and disability. Women's experiences across cultures and co-cultures are emphasized.

2150 **Gender Studies (4 sh)**
Exploration of male and female gender roles in culture and society. Importance of gender in workplace, family, education, and belief systems. Analysis of power. Assessment of the contribution of feminist theories to study of gender. Cross-listed with SOC 2150. Prerequisite: SOC 1910.

3100 **Global Perspectives on Feminism and Gender (4 sh)**
This course explores the ways in which gender equality and justice vary across global cultures. Students examine the opportunities and challenges created by transnationalism, including those related to global economics, human rights, ecology, and cultural traditions.

3910 **Topics in Women's Studies (1-4 sh)**
An in-depth study of a chosen topic within any discipline.

4910 **Independent Study in Women's Studies (1-4 sh)**
Advanced independent research in Women's Studies.

Writing Center (WRIT)

Martin

The Writing Center supports all North Park undergraduate students in their search for meaningful lives of significance by lending concrete assistance in learning and practicing writing as a process of learning. Student Writing Advisors, trained in WRIT 2100, work one-on-one with all students in Core Curriculum seminar courses, and are available to all other undergraduates on a drop-in basis in the Writing Center. Two formal composition classes offer more intensive instruction and training. Enrollment in current WRIT classes is by placement only; contact the Writing Coordinator for consultation.

1000 **Fundamentals of Composition (4 sh)**
Specific instruction and intensive practice in written expression. Review of conventions of grammar and usage. Study of the composing process, thesis development, and essay structure. Enrollment by placement. A grade of C- or higher is required to enroll in NPD 1000. Developmental courses do not count toward the 120sh graduation requirement but do count towards full-time enrollment status.

1050 **College Composition (4 sh)**
Students are issued credit for writing effectively within a range of rhetorical contexts and for demonstrated competence in critical thinking and reading. Enrollment by placement and/or consent of the Writing Center.

2100 **Tutoring Writing (0-2 sh)**
Intended to train Writing Advisors for their work in the Writing Center, this seminar introduces and exercises theoretical concepts, pedagogical methods, and practical strategies useful as a foundation for peer response and tutoring of writing. This course is restricted to students who have been accepted as an apprentice Writing Advisor.

5000 **Writing for the Professions (1 sh)**
A program of workshops (4 workshops) and one-on-one instruction (8 sessions) designed to ensure competence in writing commensurate with the demands of graduate studies.

Youth Ministry (YM)

Hodge (director)

The Youth Ministry major is sponsored and taught by the Center for Youth Ministry Studies. Through a combination of course work and supervised field experience, the department seeks to develop biblical and theological depth, personal spiritual maturity, management and leadership skills, and the working knowledge needed to minister effectively to adolescents and their families.

Initial application to enroll in the Youth Ministry major is made upon completion of YM 1510 and YM 2710. Acceptance and advancement in the major are contingent upon academic performance and personal aptitude. Students must have a cumulative grade point average of 2.50 or higher and a minimum grade of C in all prerequisite courses in order to enter as a Youth Ministry major.

Major requirements for the B.A. in Youth Ministry

Required semester hours

36 sh

Prerequisite and supporting courses

One Old Testament BTS course; one New Testament BTS course; one Theology BTS course.

Required core courses

YM 1510, 2010, 2410, 2710, 3010, 3020, 3910 (minimum of 2 sh), 4970, 4980, 4990

Electives

3 semester hours; suggested YM 3910, 4970

Notes and restrictions

All youth ministry majors will be required to complete two supervised youth ministry field experiences. The internship (YM 4970) must be either a full-time summer placement or part-time, nine month placement during the school year in a church, parachurch, or community-service setting.

Minor requirements in Youth Ministry

Required semester hours

16 sh

Required core courses

YM 1510, 2410, 3010, 4980.

1510 **Introduction to Youth Ministry (4 sh)**
A survey of theoretical and developmental issues related to youth and youth ministry. Units will include biblical-theological basis for ministry, an overview of the theories of adolescent development and implications for youth ministry; and a survey of contemporary youth culture and suggested Christian responses. This course will also survey various developmental models for relational youth ministry.

2010 **Urban and Multi Ethnic Youth Ministry (4 sh)**
This course is an engagement with multi-ethnic & urban settings and connecting the youth worker/ pastor to the field of urban & multi-ethnic youth ministry. It explores the issues and systems that affect youth and youth ministry in urban contexts in North America, with a special focus on Chicago. There is an emphasis on the practical skills and knowledge needed by a leader in an urban multi-ethnic church, para-church or community based setting. Students who have experience in urban settings are invited to use the course to further build on their experience and knowledge base and to inform their current and/or future ministry. This course seeks to examine, engage, and develop a theology for the urban and multi-ethnic city through discussion, historical contexts, sociocultural analysis, theory, literature, film, Black Popular culture, Hip Hop, and the Word of God. Prerequisite: YM 1510.

2020 **Introduction to Camping Ministry (4 sh)**
An introduction to the field of Christian camping. This course will familiarize students with key issues present in Christian camping such as the history and philosophy of Christian camping, programming, administration and maintenance, risk management, staff recruitment, marketing development of campers and staff, evaluation and legal concerns. Prerequisite: YM 1510.

2410 **Adolescent Development and Issues (4 sh)**
This course provides an exploration of development theories as they relate to stages of change: physical, cognitive, social, moral and faith. These theories help us understand various issues faced in adolescence such as peer associations, family and personal identity, and specific adolescent disorders. This course will also deal with basic assessment, intervention, and referral strategies. Prerequisite: YM 1510.

2710 **Youth Ministry Practicum (2 sh)**
This experience includes the integration of theory, practice, and reflection in a supervised youth ministry situation. Students will volunteer five to eight hours a week in local churches or para-church organizations, in addition to regular class meetings. Co-requisite: YM 1510.

3010 **Curriculum Development (4 sh)**
This course addresses specific methods of designing, implementing and evaluating youth ministry curriculum and group processes. The learning experience will include a critical analysis of current curriculum as well as designing specialized curriculum for particular contexts. The student will be able to adapt and create effective youth ministry programs. Having taken an Old or New Testament course in an asset. Prerequisite: YM 1510, 2410, 2710.

3020 **Discipleship Theory and Practice (4 sh)**
This course aims to provide a comprehensive and practical experience in being a disciple, making disciples, and training disciples. It is intended to equip students to do person-context and church-context training. This course is taught in conjunction with North Park Seminary. Prerequisite: YM 1510.

3910 **Topics in Youth Ministry (1-4 sh)**
A selection of intensive courses taught by leaders in their respective fields. These courses are offered to North Park students for credit and are available as non-credit workshops for youth workers in service. When taken for credit each course includes preparatory reading and a summary paper and/or project. One course will be offered each semester in conjunction with North Park Theological Seminary. Options may include: Post-modernism and Youth Ministry; Ministering to Teenagers in Crisis; Urban Youth Ministry Issues; Spiritual Formation and the Youth Worker; Developing Student Leadership Teams; Involving and Developing Students for Mission and Service; College Student Ministries; Camping and Retreats; Worship and Youth Ministry

4910 **Independent Study in Youth Ministry (1-4 sh)**
This course allows students to work independently on projects in a field of study not offered in the curriculum. Consent of instructor required. Prerequisite: YM 1510.

4970 **Internship in Youth Ministry (1-4 sh)**
Youth ministry majors are required to serve in a key leadership role in a church, parachurch, camp, or community-service setting. The goal is practical, supervised experience combined with reflection and evaluation. It must be either a full-time summer placement or part-time, nine-month placement during the school. Consent of instructor required. Please refer to the section in the catalog pertaining to internship requirements and guidelines. Student must be of third or fourth year standing. Prerequisite: YM 1510, 2510, 2710.

4980 **Leadership and Management of Youth Ministry (4 sh)**
This course delves into leadership and management issues in the field of youth ministry. Issues addressed include managing finances, managing risk, building a team ministry, and organizing time, office, events, and meetings. Student must be of 3rd or 4th year standing. Prerequisite: YM 1510, 2710, 3010, 3020.