

Catalog Home

## **Welcome**

This online catalog can help you quickly locate and save details about undergraduate programs. Whether you are a prospective student or already enrolled, you can easily see what Northland College has to offer.

### **About the Northland Catalog**

Students are assigned to the catalog that is in force at the time of their first entry into Northland College. Students entering in the fall of a new catalog cycle are assigned to the new catalog. For example, a student entering in September of 2011 is assigned to the 2011-12 catalog, not the 2009-11 catalog.

Students wishing to declare a major or minor in a catalog newer than the one to which he or she is assigned may petition the Academic Standings committee for permission to move forward into a newer catalog. Once a student adopts a new catalog, all rules and policies in the newer catalog go into effect for that student. Students are not allowed to move backward to adopt an older catalog.

Sometimes it becomes necessary for the faculty in a department to make changes to a major or minor as it is published in the official catalog. This may be due to a correction of a typographical error or because of changing dynamics within departments. These updates are not made in the original catalogs as they appear here. Changes are processed and made public through Academic Council and are recorded by the Registrar's Office. These changes appear on degree audit sheets as applicable. Students should check with the department chair person to help determine how to meet the requirements of any catalog changes that may affect his or her status. Please do not hesitate to ask your advisor or someone in the Registrar's Office if you have any questions relating to academic policy or your academic progress.

### **Disclaimer**

Every effort has been made to assure the accuracy of the information in this publication. However, provisions of this publication are subject to change without notice and do not constitute an irrevocable contract between any student or applicant for admission and Northland College. The College is not responsible for any misrepresentation of its requirements or provisions that might arise as a result of errors in the preparation of this publication.

Courses

Art

## ART 106 - Design Studio

**3 Credits** This hands-on course examines the fundamental elements and principles of two-dimensional and three-dimensional composition and encourages students to explore traditional methods and discover new solutions to visual problems. This is a foundational course to all fields of visual study.

Course Fee.

## ART 111 - Drawing I

**3 Credits** Students explore the human impulse to make a mark on the world through an active seeing and recording of the world on a two-dimensional surface. By developing skills that allow them to work from direct observation, students establish a foundation for personal imagery that prepares them to work with a variety of techniques and media.

Course Fee.

**Connections Discipline:** Humanities

## ART 166 - Creative Expression in the Lake Superior Watershed

**4 Credits** Part of the Superior Connections program, this course focuses on connecting two primary elements the Lake Superior watershed and the creative expressions it engenders. Throughout the course, students examine their own and others' artistic impulses in the context of this magnificent region.

Course Fee.

**Connections Discipline:** Humanities

**Corequisites:** XHH 120 and ENG 229.

## ART 210 - Painting I

**3 Credits** Students experience the capacities of oil and/or acrylic media on canvas. Students complete a series of studio exercises focused on color theory and direct observation leading to a personal aesthetic.

Course Fee.

**Prerequisites:** ART 111.

## ART 212 - Drawing II

**3 Credits** Students continue exploring and refining skills presented in Drawing I with more emphasis on the relationship between form, subject matter, and content leading to intelligent, self-directed creation. Students will be introduced to abstraction as a vehicle for expressive mark making.

Course Fee.

**Prerequisites:** ART 111.

#### ART 220 - Ceramics I

**3 Credits** This course introduces students to the basic forming processes, throwing on the potter's wheel, glazing, and decorating of ceramic ware. Students acquire a working understanding of clay and glaze formulation, as well as firing methods.

Course Fee.

#### ART 222 - Ceramics Handbuilding

**3 Credits** This ceramics course focuses on off-wheel forming methods that do not rely on the potter's wheel. Students practice structural techniques that will enable them to create unique and singular forms of expression in the clay medium.

Course Fee.

#### ART 225 - Introduction to Film

**3 Credits** This course provides an introduction to American cinematic arts, its production methods and broader cultural implications. Students develop a deeper appreciation and critical understanding of motion pictures by exploring styles, structures, techniques, aesthetic and cultural implications of American films.

**Connections Discipline:** Humanities

#### ART 230 - Art History Ancient to Medieval

**3 Credits** This course is a slide-illustrated survey of the architecture, painting, sculpture, and minor arts starting with prehistoric and ethnographic art, and ending with 14th century international painting style. Students study Egyptian, Greek, Roman, Early Christian, Islamic, Medieval, Romanesque, and Gothic styles.

**Connections Discipline:** Humanities

#### ART 231 - Art History Renaissance to Modern

**3 Credits** This course is a slide-illustrated survey of art from the 15th century to the dawn of the modern age. Students study Renaissance, Baroque, Neoclassical, Romantic, Impressionist, and American wilderness landscape styles.

**Connections Discipline:** Humanities

#### ART 232 - Contemporary Art History

**3 Credits** This course is a slide-illustrated investigation into the varied and competing trends in the visual arts from Impressionism to the 21st century. Students study cubism, fauvism, expressionism, surrealism, abstract expressionism, pop art, minimalism,

conceptual art, post-modernism, and artists working in the natural environment.

**Connections Discipline:** Humanities

### ART 260 - Black and White Film Photography I

**3 Credits** This course emphasizes technical skills and aesthetic qualities of the B/W photographic medium. Students learn to process film, print enlargements, and critique student work, including a thematic portfolio. When possible, students should have their own 35mm SLR manual film camera, film, and photo paper.  
Course Fee.

### ART 270 - Printmaking Relief and Intaglio

**3 Credits** The focus of this studio class is on relief and intaglio processes including woodcut, linoleum cut, drypoint, hardground, softground, and aquatint. Lectures, and readings put printmaking in historical and contemporary contexts to help students achieve personal aesthetic goals. Low toxic processes are used when possible.  
Course Fee.

**Prerequisites:** ART 111.

### ART 271 - Printmaking Screen Printing and Lithography

**3 Credits** The focus of this studio class is on screen printing and lithographic processes including hand cut stencils, photo stencils, stone and polyester plate lithography. Lectures and readings put printmaking in historical and contemporary contexts to help students achieve personal aesthetic goals. Low toxic processes are used when possible.  
Course Fee.

**Prerequisites:** ART 111.

### ART 306 - Art Collaborations with Nature

**3 Credits** Students create environmental and ecological art using natural materials, responding to nature and mitigating environmental problems. After surveying examples of art from indigenous peoples to recent ecologically restorative works, students create outdoor, ephemeral works of art using nature itself. It is recommended that the student be at least of junior standing.

**Connections Discipline:** Experiential or Humanities

**Prerequisites:** ART 106, ART 111, or ART 260.

### ART 320 - Ceramics II

**3 Credits** This course is a continuation of ART 220. Students further develop their knowledge, skills, and aesthetic awareness in the ceramic arts. They expand their basic knowledge of techniques and acquire additional information regarding clay and glaze

formulation as well as kiln firing.  
Course Fee.

**Prerequisites:** ART 220.

#### ART 340 - Alternative Photographic Processes

**3 Credits** This course explores a variety of alternative photographic processes, including pinhole and toy cameras, hand-applied emulsions, and other processes. Using historical context and hands-on experimentation with alternative photo processes, students design, review, and make images.

Course Fee.

**Prerequisites:** ART 260 or Instructor Consent.

#### ART 361 - Black and White Film Photography II

**3 Credits** Students refine their skills in B/W film processing and enlarging skills by working with exhibition-quality fiber-based photographic papers resulting in a finished fine art portfolio. Students develop a conceptual theme, refine shooting and developing skills, and critique interim proofs. Students must supply camera, film, and paper.

Course Fee.

**Prerequisites:** ART 260.

#### ART 370 - Printmaking II

**3 Credits** Students choose one of the processes introduced in ART 270 (relief, serigraphy, lithography, or intaglio) and explore it more deeply. Course work includes an emphasis on color registration, autographic, photographic, and digital processes that result in a personal creative statement. (This course may be repeated for credit with instructor approval.)

Course Fee.

**Prerequisites:** ART 270 or ART 271.

#### ART 401 - Senior Capstone Art Review

**3 Credits** Students develop standards for aesthetic judgments and gain insight into their own creative potential through the study and discussion of the theories of the character and functions of art and artist's perceptual, conceptual, and motivational processes. Students learn guidelines for portfolios, resumes, and professional display and documentation of artwork.

Course Fee.

**Prerequisites:** Instructor Consent.

#### ART 402 - Senior Exhibition

**1 Credits** Students install and promote an exhibition of their work and create a statement reflective of their development as a Northland College art student.

**Prerequisites:** Instructor Consent.

#### ART 403 - Senior Seminar

**3 Credits** Students develop standards for aesthetic judgments and gain insight into their own creative potential through the study and discussion of the theories of the character and functions of art and artist's perceptual, conceptual, and motivational processes.

Students learn guidelines for portfolios, resumes, and professional display and documentation of artwork.

Course Fee.

**Prerequisites:** Instructor Consent.

#### ART 420 - Ceramics III

**3 Credits** This is a continuation of ART 320. Students further develop their knowledge, skills, and aesthetic awareness in the ceramic arts. With an emphasis in individual expression, students will continue to expand their knowledge of ceramic techniques, firing, and glaze formulation.

**Prerequisites:** ART 220 and ART 320.

#### ART 461 - Black and White Film Photography III

**3 Credits** Students polish B/W film processing and photographic print enlarging skills by working with exhibition-quality fiber-based papers resulting in multiple thematic portfolios. By further refining previously-honed shooting and developing skills, and critiquing interim proofs, students produce exceptional exhibition quality photographs.

Course Fee.

**Prerequisites:** ART 361.

#### ART 470 - Printmaking III

**3 Credits** Students continue to explore and begin to develop technical mastery of a printmaking process that they worked with in ART 370 - Printmaking II. Students also develop an understanding of printmaking history in fine art and of its relationship to commercial processes.

Course Fee.

**Prerequisites:** ART 370.

#### Biology

## BIO 115 - Concepts of Biology

**4 Credits** Students study basic biological chemistry, cell structure, and genetics with a particular emphasis on evolution, classification, and diversity of plants and animals. The laboratory focuses on the development of skills needed by biological scientists and emphasizes analytical thinking.

Course Fee.

**Connections Discipline:** Natural Science

## BIO 122 - Biology of Increasing Numbers

**4 Credits** In this course, students examine the increase in numbers of organisms from a variety of approaches in biology. This broad-based course covers the physiology of reproduction for a variety of organisms, development of organisms, population growth, and the impact of increasing numbers of organisms on the environment.

Course Fee.

**Connections Discipline:** Natural Science

## BIO 124 - What Is Success? A Biologist's Perspective

**4 Credits** Students examine the concept of success in plants and animals from an evolutionary biologist's perspective. Discussions explore questions about why some plants and animals are more successful than others, as well as the relevance of major theories, such as natural and sexual selection, to these questions. Assignments include readings from a number of books relevant to these topics.

Course Fee.

**Connections Discipline:** Natural Science

## BIO 126 - Consciousness of the Land A Biological Perspective

**4 Credits** Students develop an ecological perspective from which they explore the relationship between humans and nature. Course topics include biology and ecology, data analysis and interpretation, and a scientific critique of regional environmental issues. Laboratory and field work are an integral part of the course.

Course Fee.

**Connections Discipline:** Natural Science

## BIO 127 - A Changing Planet

**4 Credits** Students study the natural and human-made drivers of climate change and engage in laboratory and classroom investigations that provide them with a long-term perspective on climate change and its consequences for Earth's flora and fauna. Students

are also introduced to scientific methods and data sources used in climate research.  
Course Fee.

**Connections Discipline:** Natural Science

BIO 128 - Natural History & Conservation in the Lake Superior Watershed

**4 Credits** Part of the Superior Connections Program, this course introduces students to the natural history, conservation, and restoration of the region's natural resources. Students begin by studying the general natural history of the Lake Superior region, and then focus on regional conservation biology issues. The course concludes with an examination of restoration from ecological, economic, and philosophical perspectives.  
Course Fee.

**Connections Discipline:** Natural Science

**Corequisites:** XNN 115 and GSC 112.

BIO 142 - Biology and Society

**4 Credits** This course is designed for students who wish to enhance training in biology with exposure to perspectives from the social sciences and humanities on the social, political and ethical aspects of modern biology. We will explore the connections between specific topics in biology (with an emphasis on local issues) as a life science, as a social science, and as a political science.

**Connections Discipline:** Natural Science

BIO 220 - Plant Science

**4 Credits** This course covers topics in plant morphology and development, along with an introduction to plant physiology. There is an emphasis on the phylogenetic relationships of plant types.  
Course Fee.

**Prerequisites:** BIO 115.

BIO 222 - Woodland Plants of Northern Wisconsin

**4 Credits** Students participate in a taxonomic study of plants commonly found in northern Wisconsin with a focus on early flowering shrubs, spring wildflowers and ferns.  
Course Fee.

**Prerequisites:** BIO 115.

BIO 225 - Aquatic Invertebrates



**4 Credits** This course is a survey of the natural history, ecology, and taxonomy of freshwater invertebrates, with an emphasis on local animals. Students are required to collect invertebrates, prepare a specimen collection, and gain proficiency in identifying animals by sight and keying.

Course Fee.

**Prerequisites:** BIO 115.

BIO 234 - Ecology

**4 Credits** This course is an introduction to the study of ecology, including the topics of energy flow, trophic structure, nutrient cycles, population dynamics, and adaptations. Students experience the study of ecology through numerous local field experiences leading to the collection and analysis of data.

Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** BIO 115.

BIO 235 - Biology of Organisms

**4 Credits** This course introduces students to organismal biology, specifically focusing on plants and animals. Major topics include basic anatomy, physiology and phylogenetic relationships.

Course Fee.

**Prerequisites:** BIO 115.

BIO 236 - Microbes, Humans, and the Environment

**3 Credits** Through an overview of microbiology, virology, immunology and biotechnology, students develop an understanding about the spread of disease-causing microbes in an environment created by a technological society, the creation of genetically engineered organisms, and the use of microbes to solve environmental problems and generate useful products.

Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** BIO 115.

BIO 238 - Cell Biology

**4 Credits** Students study life at the cellular and molecular levels. Lecture topics include structure of biological molecules, metabolism, gene expression, cell signaling, the cell cycle, and cell death. Additional topics include structure, function, and dynamics of cellular components such as membranes and the cytoskeleton. The biology laboratory

emphasizes cell visualization and acquisition of skills in basic molecular techniques.  
Course Fee.

**Prerequisites:** BIO 115.

BIO 242 - Ichthyology

**4 Credits** This course is a study of the biology, ecology, taxonomy, and management of fish, with a focus on Great Lakes and northern Wisconsin fishes.  
Course Fee.

**Prerequisites:** BIO 115.

BIO 244 - Field Ornithology

**4 Credits** In this field-intensive course, students learn to identify birds of northern Wisconsin by sight and sound. To maximize exposure to birds in the area, the course includes daily field excursions to a variety of habitats. Discussion of the natural history of birds is also an integral part of the course.  
Course Fee.

**Connections Discipline:** Experiential or Natural Science

**Prerequisites:** BIO 115.

BIO 245 - Mammalogy

**4 Credits** Students study the biology of mammals with an emphasis on evolution, population structure, reproduction, and physiological adaptations. Lab sessions focus on morphology and general taxonomy of local mammals.  
Course Fee.

**Prerequisites:** BIO 234.

BIO 246 - Ornithology

**4 Credits** This course introduces students to avian anatomy, physiology, behavior, ecology, systematic, and conservation. The lab surveys the major orders of birds. Local field trips are required.  
Course Fee.

**Prerequisites:** BIO 115.

BIO 309 - Evolutionary Biology

**3 Credits** This course covers evolution from a historical point of view, both biologically and conceptually. Students study the various mechanisms by which populations evolve,

such as sex linkage, mutation rates, selection, and polymorphism.  
Course Fee.

**Prerequisites:** BIO 234.

BIO 328 - Vegetative Communities of Northern Wisconsin

**4 Credits** Students study the community structure, taxonomy, and natural history of woody plant species which comprise the plant communities in the Upper Great Lakes Region. Lecture and discussions are complemented by weekly field trips to various plant communities.

Course Fee.

**Prerequisites:** BIO 234.

BIO 330 - Genetics

**4 Credits** This course integrates the classical and molecular principles of genetics. Topics include transmission, population, and quantitative genetics, as well as gene expression, regulation, and mutation. Problem solving is emphasized.

**Prerequisites:** BIO 234.

BIO 331 - Microbiology

**4 Credits** Students develop a solid background in microbiology and study the physiology, ecology, molecular biology, and phylogeny of microbial organisms, as well as the impact of these organisms on human health and the environment. In the laboratory, students acquire skills in culturing, characterizing, and quantifying microorganisms.

Course Fee.

**Prerequisites:** BIO 138 or BIO 238.

BIO 332 - Immunology

**3 Credits** This course is an overview of the immune system of vertebrates with an emphasis on human immunology. Students study cellular and humoral responses, antibody diversity, evolution of the immune system, application of immunological techniques to ecological problems, and vaccines.

**Prerequisites:** BIO 138 or BIO 238.

BIO 343 - Biology of AIDS

**3 Credits** This course is a survey of the biology of HIV infection. Topics include the retrovirus life cycle, the impact of HIV on the immune system, viral transmission, diagnosis of HIV and symptoms of AIDS, and epidemiology of the disease. Students also discuss the social and political dimensions of the AIDS epidemic and present on a topic

of their choice.

**Prerequisites:** BIO 115.

#### BIO 360 - Vertebrate Physiology

**4 Credits** This course focuses on the fundamental principles of animal physiology, such as circulation, digestion and respiration. It also emphasizes the comparative approach and interactions of the organism with its environment.

Course Fee.

**Prerequisites:** BIO 115.

#### BIO 370 - Applied Conservation Biology

**3 Credits** Part of a Round River field experience. This course introduces students to the application of scientific principles to inform interdisciplinary protection and management of biological diversity. Topics include population ecology, landscape ecology, community ecology and genetics, as well as social, economic and community-related aspects of conservation.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

#### BIO 371 - Natural History Methodology & Application

**3 Credits** Part of a Round River field experience. This course provides an overview of the physical and biological features of a specified habitat with an emphasis on discerning patterns and processes on the landscape. Students adhere to a rigorous field journal system to record and understand the flora and fauna of a place, and make regular use of diagnostic field guides.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

#### BIO 372 - Biological Field Methods

**3 Credits** Part of a Round River field experience. This course introduces students to a variety of methodologies for the study of plant and animal populations. Topics include field journal techniques, ecological field research methodologies and rationales, and field safety and risk management.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

#### BIO 374 - Tropical Ecology & Conservation

**3 Credits** Part of a Round River field experience. This course provides an introduction to the ecological complexity of tropical forests and to the natural history, evolutionary biology, and conservation status of the animals, plants, and ecosystems of the Neotropics. This course also discusses major threats to biodiversity, the main conservation problems of tropical environments, as well as current alternatives to the destruction of tropical forest.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

BIO 375 - Grass Par Pyro Veg/Hum

**3 Credits** This course focuses on the theory that the paramo habitat of the high elevation grasslands of the Andes Mountains is a landscape derived from human use. Students explore issues of fire ecology, climate history, and the co-evolution of flora and fauna.

**Connections Discipline:** Experiential

**Prerequisites:** BIO 115.

BIO 420 - Methods in Molecular Biology

**4 Credits** Students examine the laboratory techniques used to study how higher organisms maintain and express genetic information. The course emphasizes model organisms and their responses to environmental stimuli; topics include DNA and RNA isolation, PCR, gene cloning and manipulation, analysis of gene expression, conservation genetics, and bioinformatics. Laboratory only.

Course Fee.

**Prerequisites:** BIO 234 or BIO 238.

BIO 425 - Eco League Field Experience

**4 Credits** This advanced field course brings together students and faculty from each of the institutions of the Eco League consortium in an interdisciplinary, field-based inquiry into relationships between human and natural systems. The course will focus on issues relevant to the particular landscapes in which it is offered, which will vary from year to year. Students must apply to participate and will be selected by a panel of faculty. Competence in writing and understanding of fundamental ecological principles is expected.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** BIO 234.

BIO 460 - Animal Behavior

**4 Credits** This course introduces students to major concepts and theories in animal behavior. Topics include neural and hormonal mechanisms, communication, foraging and reproductive behavior, mating systems, and sociality. The course is grounded heavily in an evolutionary approach to these topics.

Course Fee.

**Prerequisites:** BIO 234.

BIO 473 - Limnology

**4 Credits** Students study the functional relationships of freshwater communities as they are affected by their physical, chemical, and biological environments. Students perform limnological studies using techniques gained through field and lab experiences.

Course Fee.

**Prerequisites:** BIO 234 and CHM 103, CHM 105, CHM 108, CHM 110, or CHM 120.

BIO 480 - Biology Senior Seminar

**3 Credits** In a seminar format, students discuss primary literature, develop a research proposal on a topic of their interest, and give an oral presentation on their proposal. Students may conduct research based on their proposal by registering for the Biology capstone.

**Prerequisites:** BIO Major at Senior Standing.

Business

BUS 120 - Quantitative Methods

**3 Credits** This course combines topics from accounting, engineering, management science, and statistics. Students study business organizations three basic functions—marketing, finance, and operations—as well as service and manufacturing businesses.

BUS 219 - Economics of Citizenship

**3 Credits** This course combines basic aspects of macroeconomics and microeconomics to develop the fundamental skills of economic thinking. The main focus is how individuals and societies choose to use limited resources to meet their unlimited wants.

**Connections Discipline:** Social Science

BUS 222 - Fundamentals of Accounting

**4 Credits** Students acquire background in accounting, including treatment of sole proprietorship, partnership, and corporate forms of business organization. The course emphasizes accounting procedures used in interpreting, analyzing, and evaluating

financial statements. Topics include accounting for assets, liabilities, owners' equity, and merchandising concerns as well as preparation of the four basic financial statements.

#### BUS 226 - Essentials of Economics

**4 Credits** This course combines the basic aspects of macroeconomics and microeconomics to develop the fundamental skills of economic thinking. Students examine the relevance of economics to society and the interaction between politics and economics. Students complete the course understanding that economics is neither business nor finance but that knowledge of economics is vital to understanding these fields.

**Connections Discipline:** Social Science

#### BUS 228 - Marketing Management

**3 Credits** Students study basic marketing principles and functions as well as competitive, legal, economic, and social environments and their effects on strategic planning, analysis, and decision-making. Topics emphasized include market segmentation, product development and management, distribution, promotion, and pricing strategies. The focus of the course is on the application of marketing concepts in businesses and non-profit organizations and the construction of a strategic marketing plan.

#### BUS 229 - Small Business Management

**3 Credits** Students study practical approaches to the organization and management of a small business or non-profit organization. Major areas of study include starting, financing, managing, and operating a small business or non-profit organization. The focus of the course is on the application of small business management concepts and the construction of a small business plan.

**Connections Discipline:** Social Science

#### BUS 232 - Principles & Practice of Management

**3 Credits** Students learn how to achieve desired results through efficient utilization of human and material resources in a profit or non-profit setting. The course emphasizes the history of management and the functions of planning, organizing, staffing, directing, and controlling enterprises.

**Prerequisites:** Any 200-level BUS course.

#### BUS 235 - Intro to Sustainable Business

**3 Credits** This course presents a study of the Triple Bottom Line concept, organizational profitability, environmentalism, and social responsibility. This course explores the relationship between businesses, the community, and managing the future to achieve environmental quality. It also examines the principles and practices of the sustainable organization.

#### BUS 312 - Economics for Managers

**3 Credits** Students study the decision-making processes that involve the economic activities of a firm. They develop tools and techniques for generating cost, demand, and other information that contributes to decision making. Specific topics include consumer behavior, production, cost and pricing analysis, and market structure.

**Prerequisites:** BUS 226 and BUS 120, or MTH 107.

#### BUS 326 - Global Business Management

**3 Credits** Students explore and analyze internal and external factors that affect a global business enterprise. The course focuses on the development of necessary changes and strategies needed in accounting, finance, marketing, management, and production for a business to be competitive in the global marketplace. Topics presented emphasize profit-making businesses, but students also study the management of non-profit organizations in other cultures and countries.

**Prerequisites:** BUS 228 and BUS 232.

#### BUS 330 - Managerial Finance

**3 Credits** Students study the theory and practice of financial management. Topics include asset management, internal financing, short-term and intermediate financing, capital budgeting, and risk analysis.

**Prerequisites:** BUS 222, and BUS 226, and MTH 107, or BUS 120.

#### BUS 331 - Legal Environment of Business

**3 Credits** Students survey the legal environment in which businesses and non-profit organizations must operate. The course emphasizes the formation, implementation, and results of the many legal issues that affect business and non-profit organizations. Topics include regulation of commerce and competition, labor-management relations, contracts, consumerism, environmental protection, formation of businesses, mergers, and acquisitions.

**Prerequisites:** Any 200-level BUS course.

#### BUS 342 - Business & Public Policy

**3 Credits** Students examine how changes in the business environment affect business organizations and how organizations respond to such changes through public issue and crisis management, public policy strategies, and social responsibility with an ultimate objective of aligning with the changes in the external business environment.

**Prerequisites:** BUS 344, or BUS 346, or Junior, or Senior Standing.

#### BUS 344 - Ethical Leadership



**3 Credits** This course examines business behavior in the context of moral philosophy. The course emphasizes philosophical theories of morality and relates these theories to leadership and decision making in business organizations.

**Prerequisites:** IDS 105.

#### BUS 346 - Social Entrepreneurship

**3 Credits** This course is structured around the general field of social entrepreneurship, business structures that social entrepreneurs typically follow in starting as well as managing a social enterprise. Students examine leadership characteristics of social entrepreneurs, how social enterprises are sustained financially, and how social entrepreneurs create and spread innovation and social change.

**Prerequisites:** BUS 232.

#### BUS 361 - Organizational Behavior

**3 Credits** Students examine different types of leadership skills used to resolve organizational problems and to achieve the goals of the organization. The behavioral and social sciences are stressed with emphasis on leader and leadership development theories. Includes the principles, concepts and processes that interpret human relations in management at the individual, group and organizational levels.

**Prerequisites:** Junior or Senior Standing.

#### BUS 383 - Consumer Behavior

**3 Credits** Consumer and buyer behavior characteristics and theories as they relate to marketing management, planning, analysis and control. Explanations of how demographic, cultural, psychological processes and socioeconomic differences affect consumption. The implications of the consumer decision making process on the marketing mix variables.

**Prerequisites:** BUS 228.

#### BUS 429 - Managing People & Conflict Resolution

**3 Credits** Students learn how to build teamwork in the work environment. Students learn approaches to managing people, conflict, and the art and science of negotiation with the goal of making students more effective managers in a variety of business situations. Students learn processes of performance management and methods of giving critical feedback and using performance appraisal tools. (Recommended PSY 110)

**Prerequisites:** BUS 232.

#### BUS 441 - Corporations & Activism

**3 Credits** Students examine why activist groups have relatively limited success in changing business behavior. As such, the focus of this course is to analyze activists campaigns and corporate response to those campaigns using theoretical explanations and

case studies.

**Prerequisites:** BUS 342.

#### BUS 475 - Strategic Planning and Policy Capstone

**3 Credits** Students analysis policy formulation and implementation from an organizational-wide standpoint. The course emphasizes integration of knowledge and planning approaches, analysis of both internal and external resources and constraints that affect organizational policies, and the role of the firm in society. Case analyses are integral to the course.

**Prerequisites:** BUS 222, BUS 228, BUS 232, and BUS 330.

#### Chemistry

##### CHM 100 - World of Chemistry

**4 Credits** Students study chemistry in its broad cultural, social, and economic contexts. Specifically, the course focuses on the chemistry of consumer products and the chemistry of radiation and pollution to help students develop a more sophisticated understanding of the world around them through chemical analysis.

Course Fee.

**Connections Discipline:** Natural Science

##### CHM 103 - General Chemistry: The Chemistry of Food.

**4 Credits** Through laboratory and classroom investigations, students study sustainable agricultural techniques from a scientific perspective and measure concentrations of both nutrients and contaminants in the campus garden. Students also examine the societal benefits and risks of pesticides to our society, and study the connection between diet and health.

Course Fee.

**Connections Discipline:** Natural Science

**Corequisites:** XNN 105 and BIO 115.

##### CHM 105 - General Chemistry: Chemistry in Social Context

**4 Credits** Students examine the natural and human world through the lens of chemistry. In particular, they examine small molecule interactions that help determine how humans and other organisms interact with one another. Specific topics include the chemistry of desire, fear, love, and trust. In the lab, students synthesize compounds and measure chemical attributes of the natural world.

Course Fee.

**Connections Discipline:** Natural Science

## CHM 108 - General Chemistry: Responding to Climate Change

**4 Credits** Students investigate how chemistry relates to climate change by looking historically at what technologies have contributed to or mitigated against climate change. Students also investigate what new technologies are being developed and how they may reduce climate change and our environmental impact. This course is an applied version of general chemistry and has a significant laboratory component associated with it.  
Course Fee.

**Connections Discipline:** Natural Science

## CHM 110 - General Chemistry

**4 Credits** Students learn models and theories of atomic and molecular structures and explore uses of the periodic table. Using modern techniques, such as atomic emission spectroscopy, atomic absorption spectroscopy, gas liquid chromatography, and visible light spectrophotometry, students determine the constituents of matter in real world samples. Students also apply classical techniques in the laboratory to elucidate the behavior of environmental samples. (Advanced Placement or CLEP credit accepted for 110)  
Course Fee.

**Connections Discipline:** Natural Science

## CHM 210 - Chemistry of Natural Waters

**4 Credits** Students spend time in the field and in the laboratory measuring attributes of natural water ecosystems. They explore appropriate ecological and chemical theories to help them understand how and what they might wish to measure. Students relate experimental measurements to relevant theories.  
Course Fee.

**Connections Discipline:** Experiential or Natural Science

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

## CHM 214 - Chemistry in a Regulatory Environment

**3 Credits** Students explore the relationship between analytical measurements of pollutants in the environment and regulatory policy. They examine EPA regulations and EPA protocols for laboratory work. The course includes in situ water sampling as well as visits to government agencies in the region that impact the Lake Superior watershed.  
Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

## CHM 220 - Organic Chemistry I

**4 Credits** This course focuses on the properties and environmental transport of organic chemicals as well as the functional group transformations most often encountered in biological and environmental systems. Students study the following major classes of chemicals aliphatic and aromatic hydrocarbons, alkyl halides, alcohols, carbonyl compounds, and amines. Instrumental analysis of the compounds students synthesize is also an important component of the course. With Lab.  
Course Fee.

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

## CHM 221 - Organic Chemistry II

**4 Credits** The second semester of organic chemistry is a comprehensive study of structures, reactions, syntheses, and spectroscopy of aliphatic and aromatic compounds. Students focus on modern mechanistic models as well as organic chemistry laboratory techniques.  
Course Fee.

**Prerequisites:** CHM 215 or CHM 220.

## CHM 225 - Ecological Quantitative Analysis

**4 Credits** Students learn how to apply quantitative methods of analysis, including volumetric, photometric, and chromatographic methods to complex environmental samples. An independent laboratory project is required. Students also learn the relevant theories that underlie the operation of complex modern instrumentation and learn and apply statistical methods of quality control and validation of results.  
Course Fee.

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

## CHM 234 - Green or Toxic Chemistry

**3 Credits** Through lectures, discussion, and labs, students explore a number of questions related to green or toxic chemistry, including the following What makes some chemicals toxic? How do scientists determine the environmental fate of contaminants? How has chemical synthesis been changed to reduce or eliminate environmental impacts?  
Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

## CHM 240 - Inorganic Chemistry

**4 Credits** This course focuses on descriptive chemistry of main group elements. Students study spectra, structure, and reactions of transition metal complexes, as well as preparation, bonding, and applications of organometallic compounds.  
Course Fee.

**Prerequisites:** CHM 103, CHM 105, CHM 108, or CHM 110.

#### CHM 245 - Atmospheric Chemistry and Climate

**4 Credits** This course evaluates the many factors affecting global climate, its feedback mechanisms, and climate change. Topics include the global energy balance, the hydrological cycle, radiative transfer, general circulation, and natural and anthropogenic climate change. Students also study greenhouse warming, ozone layer depletion, acid rain, air pollution toxins, and other anthropogenically induced effects. The course is focused on basic concepts of atmospheric science but also includes principles of physics, chemistry and hydrology.  
Course Fee.

**Connections Discipline:** Natural Science

#### CHM 320 - Advanced Organic Chemistry

**4 Credits** Students study advanced topics in organic chemistry, including both synthetic and mechanistic material. Fused ring systems and conformational analysis are a particular focus of the course.

**Prerequisites:** CHM 221.

#### CHM 326 - Atmospheric Chemistry

**4 Credits** Students investigate the chemistry of the upper and lower atmosphere, including issues such as photochemical smog, acid deposition, stratospheric ozone depletion, and climate change. Along the way, students develop the necessary background in chemical kinetics, thermodynamics, and photochemistry to better understand these complex atmospheric issues.

Course Fee.

**Prerequisites:** MTH 140, MTH 141, and any 100-level CHM course.

#### CHM 345 - Biochemistry

**4 Credits** In this course, students explore four major biochemical themes—the nature and synthesis of proteins, pathway regulation and integration, energy flux, and information transmission—through the study of topics such as endocrine disrupters, pharmacology, biochemical adaptations, and environmental toxicology. Students also use computer data analysis for predicting biochemical structure and classifying protein sequences.

Course Fee.

**Prerequisites:** CHM 221.

#### CHM 443 - Quantum Mechanics & Molecular Spectroscopy

**4 Credits** Students solve Schrodinger's equation for several important model systems to explore the qualitative nature of quantum systems. They examine the nature of the covalent chemical bond theoretically, using both ab initio and semi-empirical treatments of molecular orbital theory and valence bond theory. Students also explore molecular spectroscopy through application of solved model quantum systems.

**Prerequisites:** MTH 141, PHY 110, and CHM 225 or CHM 240.

#### CHM 447 - Chemical Thermodynamics

**4 Credits** Students study the laws of thermodynamics and apply these laws to chemical processes in order to develop an understanding of chemical equilibrium and the nature of spontaneity in physical and chemical processes. Students also develop an understanding of the Boltzmann distribution and analyze molecular spectra in light of the insight provided by Boltzmann.

**Prerequisites:** MTH 141, PHY 110 and CHM 225 or CHM 240.

#### CHM 449 - Kinetics & Transport

**4 Credits** Students study the kinetics of chemical reactions and the development of theory of transport of species in various systems. They also develop an understanding of the partitioning of species in the environment. Throughout the course, students apply these theories to the fate and transport of chemical pollutants in air, water and soil.

Course Fee.

**Prerequisites:** MTH 141, PHY 110 & CHM 225 or CHM 240.

#### CHM 460 - Qualitative Organic Analysis

**4 Credits** This course focuses on structure elucidation and characterization of organic compounds by chemical and physical methods. Students use I.R., U.V., N.M.R., E.S.R., visible, and mass spectroscopy in determining molecular structure.

Course Fee.

**Prerequisites:** CHM 221.

#### CHM 462 - Advanced Experimental Chemistry Capstone

**3 Credits** Students design and carry out experiments utilizing advanced instrumentation. Specifically, students develop the expertise to interpret and analyze complex results from experiments utilizing techniques such as gas chromatography with mass spectroscopic detection, high performance liquid chromatography with varied detection including

fluorescence, diode array ultra-violet spectroscopy, or conductivity detection, Fourier transform nuclear magnetic resonance spectroscopy, and electroanalytical methods.  
Course Fee.

**Prerequisites:** Instructor Consent.

Computer Science

CPS 220 - Computer Science

**4 Credits** Students study software-engineering design concepts, effective problem-solving techniques, and Object-Oriented Programming.

**Prerequisites:** MTH 109, MTH 140, or MTH 141.

CPS 260 - Computer Organization & Systems

**4 Credits** Students study the organization and role of various computer components in processing information, including data representation, Boolean algebra, digital logic design, and an introduction to assembly language.

**Prerequisites:** CPS 220.

Connections Curriculum

XENG 101 - Composition Tutorial

**0 Credits** This tutorial provides supplemental instruction for students enrolled in Connections Curriculum blocks. Students complete writing exercises that complement assignments required in block courses, and through these exercises develop strategies for effectively engaging in the writing process as well as the knowledge required to accurately evaluate their own writing. Successful students acquire the confidence and skills required to continue improving their writing beyond the course.

XHH 105 - Agricultural Humanities

**0 Credits** Connections Block HIS 120 - American Agricultural History and ENG 165 - Pastoral & Agricultural Literature. Agricultural Humanities is part of a larger Growing Connections curriculum (4 courses in the fall with the option to continue in the winter/spring and beyond). This portion focuses on the historical context of agricultural production in the United States and offers a survey of literary responses to how humans grow food and imagine the countryside. The Agricultural Humanities block must be taken concurrently with the Sustainable Food and Agriculture block.

**Prerequisites:** Enrollment in Growing Connections.

**Corequisites:** XNN 105 - Sustainable Food & Agriculture.

XHH 110 - Exploring Meaning in the World

**0 Credits** Connections Block REL 258 - Religion & Nature and OED 224 - North Woods Pathways. This block provides a unique opportunity to bring religion and natural awareness into a unified study.

XHH 115 - Superior Connections 1st Yr Fall B

**0 Credits** Connections Block NAS 160 - Lake Superior Ojibwe and ENG 126 - Confluences Reading & Writing in the Lake Superior Watershed. Students explore the unique sense of identity and place among the peoples and communities of the Lake Superior region. They examine these relationships through the lens of history, memory, culture, writing, artistic expression, and human relationships to the natural environment.

**Prerequisites:** Enrollment in Superior Connections.

**Corequisites:** XNN 115 - Superior Connections 1st Yr Fall A.

XHH 120 - Superior Connections--1st Yr Winter

**0 Credits** Connections Block ART 166 - Creative Expression in the Lake Superior Watershed and ENG 229 - Reading the Waters. Building on experiences in first-semester Superior Connections blocks, students study and create artistic responses to the Lake Superior watershed through literature and variety of fine arts media. The role of the arts in developing a sense of place is a central theme of the block.

XHH 205 - Arts and Cultural Encounters

**0 Credits** Connections Block NAS 211 - Native American History to 1830 and HUM 249 - Voices in the American West. Students explore a variety of cultural encounters and humans interactions in Native American history and the American arts spanning the eighteenth, nineteenth, and twentieth centuries. They engage with themes, such as creative expression, human resiliency, colonialism, expansion, and the myths and realities of American history.

XHH 210 - Asian Religions in Global Context

**0 Credits** Connections Block HIS 111 - History of World Civilizations to 1500 and REL 230 - Asian Religions & Philosophies. In this block, students will study the content of various Asian religions and philosophies in the context of global history. In particular, students will connect the roots of each religion to the historical context that produced it; compare the doctrines and beliefs of various religious and philosophical systems; study the patterns of religious change across regions and times periods; trace the impacts of various religions on Asian political, economic, and social history; and juxtapose Asian religions and philosophies to Western religions and philosophies such as Judaism, Christianity, Islam and Western humanism.

XHH 215 - Monotheism in Global Context



**0 Credits** Connections Block HIS 111 - History of World Civilizations to 1500 and REL 229 - Idea of God. In this block students will study the content of Judaism, Christianity and Islam, and then explore the ways that these religious traditions were shaped by their historical contexts, and how, in turn, they had enormous impacts on Middle Eastern and Western political, economic, and social history. In addition, students will trace the outlines of the interactions of these religions with Western humanism.

XHH 220 - A-B positive (Art/Buddhism)

**0 Credits** Connections Block ART 111 - Drawing I and REL 231 - Buddhism. This block connects the study of the Buddhist religion to the art of drawing. Buddhism has contributed to art history in myriad ways that utilize the art of the pen or brush. The students will have hands-on experience in studio with traditional drawing techniques as well as those influenced by Buddhism.

XHH 305 - Language, Literature & Meaning

**0 Credits** Connections Block ENG 384 - Literary Criticism and PHL 330 - Philosophy of Language. Students will explore the nature of meaning from the perspectives of philosophy and literary criticism. Studying the schools of criticism and the philosophy of language, the class will investigate the meaning/language connection, how language hooks onto the world, the sense/nonsense distinction, the role of context in meaning and understanding, connections between theory, criticism, and literature, and how theoretical approaches to the study of literature question and shape the making of meaning in literary texts.

**Prerequisites:** Any 100, 200, 300, or 400-level English course.

XHI 105 - Energy, Design, & Aesthetics

**0 Credits** Connections Block SCD 160 - Green Building & Renewable Energy and PHL 266 - Environmental Aesthetics. Students investigate the aesthetics of cultural and natural environments while studying principles of energy production and green building practices. Applying European, American, and Japanese models of aesthetics to human landscapes, students examine climate appropriate building designs and sustainable methods of energy production.

XHN 105 - Growing Connections 1B

**0 Credits** Connections Block ENG 211 - Humanity & Nature in Literature and BIO 115 - Concepts of Biology. This Connections block addresses environmental issues and views of nature from the distinct perspectives of Science and the Humanities. Students develop an understanding of the foundations of biology (genetics, water issues, etc.) as well as exposure to those same issues through the reading of appropriate literature (novel, play, short stories, essays, and poetry).

**Prerequisites:** ENG 110, or Completion of a Connections Block.

### XHN 110 - Religion, Nature, & Astronomy

**0 Credits** Connections Block REL 258 - Religion & Nature and PHY 104 - Introduction to Astronomy. This Connections block provides an opportunity to bring religion and science into a unified study of the natural world and the human relationship to it.

### XHN 115 - Growing Connections

**0 Credits** Connections Block GSC 107 - Geology & Agriculture and REL 273 - World Religions Foodways. This Connections block will be taken in the winter term of the first year.

**Prerequisites:** Enrolled in Growing Connections.

### XNN 105 - Sustainable Food & Agriculture

**0 Credits** Connections Block BIO 115 - Concepts of Biology and CHM 103 - General Chemistry: The Chemistry of Food. Sustainable Food and Agriculture is part of a larger Growing Connections sequence of courses (four courses in the fall semester with the option to continue in the winter/spring and beyond) that focuses on the history, theories, and practices of sustainable agriculture. This portion focuses on the biology and chemistry of food and agriculture in sustainable systems. Students in Growing Connections work closely with faculty mentors and regional farmers in classrooms, labs, and fields to develop a comprehensive understanding of the role that agriculture plays in the lives of individuals and their communities.

**Corequisites:** XHH (Agricultural Humanities Block).

### XNN 110 - Revenge of the Ecosystem

**0 Credits** Connections Block CHM 105 - General Chemistry: Chemistry in Social Context and BIO 115 - Concepts of Biology. Students examine the impact of human activity on the environment and the resultant consequences for both human health and ecological sustainability. Particular attention is given to the chemistry and biology of our local watershed.

### XNN 115 - Superior Connections 1st Yr Fall A

**0 Credits** Connections Block BIO 128 - Natural History & Conservation in the Lake Superior Watershed and GSC 112 - Geoscience Issues of Lake Superior. In this block students explore and learn about the natural setting of the Lake Superior Basin; specifically the geology and natural history. This block is only open to students who have applied and been accepted to the Superior Connections program.

**Prerequisites:** Enrollment in Superior Connections.

**Corequisites:** XHH 115 - Superior Connections 1st Yr Fall B.

### XNN 120 - Science & Society

**0 Credits** Connections Block PHY 110 - General Physics I, CHM 110 - General Chemistry, and MTH 141 - Calculus II. An integrative approach to understanding the foundations of science and mathematics and its contribution to society through a historical perspective.

**Prerequisites:** MTH 140.

#### XSS 205 - Economic Geography

**0 Credits** Connections Block GSC 262 - World Regional Geography and BUS 226 - Essentials of Economics. Students develop their understanding of basic economics and this understanding informs their views of contemporary geographic issues, such as the distribution of goods and services, the production and allocation of natural resources, and how it affects different cultures and nations across the globe.

#### XSS 210 - Growing Connections 2nd Yr Fall

**0 Credits** Connections Block BUS 229 - Small Business Management and SCD 110 - Introduction to Sustainable Community Development Growing Farms & Community is the final block in the Growing Connections program. Students study small business management and sustainable community development to develop an understanding of the role that agriculture can play in sustainable communities as well as the practical skills required for developing business plans and managing the business aspects of a small farm or related enterprises.

**Prerequisites:** GSC 107 and REL 273.

#### XSS 215 - Superior Connections 2nd Yr Fall

**0 Credits** Connections Block SCD 250 Sustainability in the Watershed and SOC 260 - Sociology in the Lake Superior Watershed & the World. Communities of Lake Superior is the final block of the Superior Connections program. Building on previous experiences in Superior Connections, students study communities and patterns of social life as a means to better understanding how communities are formed and how individuals function within them. Students also explore questions related to community health and sustainability.

**Prerequisites:** BIO 128, ENG 126, and GSC 112.

#### XSS 220 - Political Processes

**0 Credits** Connections Block SCD 230 - The Political Process and PSY 250 Political Psychology. Combining research and theory from psychology, political science, and sociology, students explore local, regional and national political processes. Issues addressed include political socialization, public opinion formation, interest group and social movement activism, electoral processes, partisan politics, bureaucracy, and the policy process.

#### XSS 225 - Making Sense of Misfortune

**0 Credits** Connections Block OED 272 - Why Accidents Happen Theory and Analysis and PSY 250 Narrative Psychology. Why do bad things happen and how do we make sense of them once they do? Theories in cognitive psychology, sociology, organizational science, and outdoor education inform the exploration of sensation-seeking, risk, accidents, and paradoxes in risk management. Theories in narrative psychology illuminate the role of narrative structure in human cognition and the process of sense-making, healing, story-telling, and narrative techniques in therapeutic practices.

## Education

### EDU 203 - Foundations Math for Elementary Teachers

**4 Credits** This course is an introduction to number theory, structure of the real number system, algebra, geometry, trigonometry, coordinate and transformational geometry, as well as statistics and probability. Course content will be presented consistent with the NCTM Principles and Standards for School Mathematics and the Common Core State Standards for Mathematics. This course meets the quantitative reasoning liberal education requirement for elementary education majors only.

**Prerequisites:** ACT Math Score of 25 or higher, or SAT Math Score of 570 or higher.

### EDU 204 - Language Arts for Educators

**2 Credits** This course will enable the student to understand and create the K-8 language arts curriculum through a balanced approach of grammar, spelling, and writing. Using the Common Core State Standards for English as the framework, this comprehensive course will allow students to understand and master the principles of language arts while incorporating effective instructional and assessment strategies.

### EDU 205 - Curriculum, Planning, & Assessment

**4 Credits** Students learn to develop and deliver lessons using components of good lesson design. Students learn to design a multi-disciplinary framework and a variety of assessments to measure student learning, organize content, utilize resources to maximize student learning, all in the framework of diversity and human relations.

### EDU 224 - Reflective Middle School Educator

**4 Credits** Students focus on enhancing reflective skills so that they are able to analyze and interpret qualitative data collected from different classroom settings. In addition, students initiate their teaching portfolio, which is required throughout the teacher education program and explore the many facets of teaching at the middle level. Students work toward an understanding of adolescents, examine the elements of middle level concepts, and research current literature. Specific topics include motivating middle level learners, advisor/advisee programs, block scheduling, classroom management strategies, exploration courses, transition programs, parent-teacher conferences, interdisciplinary teams, and middle school level philosophy.

## EDU 225 - Foundations of Education and American Government

**4 Credits** Students examine philosophical, historical, and social foundations of education and government. Topics include teaching as a profession, human relations, history of American education and government, the administrative structure, legal, political, and economic issues and trends, social class, diversity, the challenges of equal educational opportunity, and the impact of technology.

## EDU 289 - Children & Adolescent Literature

**2 Credits** Students read and evaluate a broad range of children and adolescent literature focusing on both classical and contemporary works. Students evaluate literature, analyze text and artwork, discuss multiculturalism, and understand the influence of literature on the emotional and academic growth of children and adolescents.

## EDU 315 - Classroom Management & Conflict Resolution

**4 Credits** Students develop strategies for managing a classroom, investigate diverse classroom management and conflict resolution strategies, and design a classroom environment management action plan. This course is taken in the last winter semester prior to student teaching. Clinical field experience 20 hours.

**Prerequisites:** Formal admission to the Education Program.

## EDU 341 - Science Teaching Methods

**4 Credits** Pre-service teachers use appropriate tools, tactics, pedagogies, and technologies for teaching science content in a school setting. Pre-service teachers use the information, skills, and shared experiences to build self-confidence. Field experience 20 hours for elementary majors and 40 hours for secondary majors.  
Course Fee.

**Prerequisites:** Formal admission to the Education Program.

## EDU 349 - Literacy Teaching Methods

**4 Credits** Pre-service teachers plan, present, and assess a variety of language arts strategies including phonics instruction, develop the ability to assess the level of materials, and diagnose student reading levels and writing proficiency as related to the content areas. Pre-service teachers explore resources, tools, and strategies to align with state and national standards in reading and writing. Clinical field experience 20 hours.

**Prerequisites:** Formal admission to the Education Program.

## EDU 351 - Physical Education Teaching Methods

**1 Credits** Pre-service teachers develop appropriate tools, tactics, and strategies for teaching physical education and health in the classroom. Information provided, skills

taught, technology used, and experiences shared will serve to build self-confidence in beginning teachers.

**Prerequisites:** Formal admission to the Education Program.

#### EDU 370 - Social Studies Teaching Methods

**4 Credits** Pre-service teachers use appropriate tools, tactics, pedagogies, and technologies for teaching social studies content in a school setting. Pre-service teachers use the information, skills, and shared experiences to build self-confidence. Clinical field experience 20 hours for elementary majors and 40 hours for secondary majors.

**Prerequisites:** Formal admission to the Education Program.

#### EDU 371 - Fine Arts Teaching Methods

**1 Credits** Pre-service teachers use appropriate tools, tactics, pedagogies, and technologies for teaching fine arts in a school setting. Pre-service teachers use the information, skills, and shared experiences to build self-confidence.  
Course Fee.

**Prerequisites:** Formal admission to the Education Program.

#### EDU 376 - Strategies for Teaching Diverse Learners

**4 Credits** Pre-service teachers will gain an understanding of child development and the procedures used for assessing pupils with disabilities. Pre-service teachers will be able to distinguish the roles and responsibilities of regular and special education providers, and they will plan lessons and activities aimed at engaging diverse audiences, including pupils with disabilities. Pre-service teachers will read assigned text chapters, actively participate in class discussions and field experiences, and present individual and group projects. Course meets statutory requirements for MC-EA and EA-A (elementary and secondary) education licensure. Clinical experience 20 hours in a special education classroom.

**Prerequisites:** Formal admission to the Education Program.

#### EDU 377 - Mathematics Teaching Methods

**4 Credits** Pre-service teachers use appropriate tools, tactics, pedagogies, and technologies for teaching mathematics content in a school setting. Pre-service teachers use the information, skills, and shared experiences to build self-confidence. Clinical Experience 20 hours for elementary majors and 40 hours for secondary majors.  
Course Fee.

**Prerequisites:** Formal admission to the Education Program.

#### EDU 393 - Portfolio Development

**0 Credits** This course is required for all education majors and must be taken in the semester immediately preceding the student teaching semester. The purpose of this course is to complete and present the developing portfolio as required by DPI for assessment by the Education Department faculty members. Successful completion of this course is a required for enrolling in student teaching.

#### EDU 460 - Student Teaching (EA-A) & Seminar

**6-12 Credits** Students teach full days for a full semester following the daily schedule and semester calendar of the cooperating schools, under the direct supervision of classroom cooperating teachers and college supervisors. During the interactive seminar, students focus on curriculum, human relations, career development, and reflective practices. Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Formal admission to the Education Program.

#### EDU 471 - Student Teaching (MC-EA) & Seminar

**6-12 Credits** Students teach full days for a full semester following the daily schedule and semester calendar of the cooperating schools, under the direct supervision of classroom cooperating teachers and college supervisors. During the interactive seminar, students focus on curriculum, human relations, career development, and reflective practices. Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Formal admission to the Education Program.

#### EDU 472 - Student Teaching Minor (MC-EA/EA-A)

**1-4 Credits** Students teach in the area of their academic minor full days for a full semester following the daily schedule and semester calendar of the cooperating schools, under the direct supervision of classroom cooperating teachers and college supervisors.

**Connections Discipline:** Experiential

**Prerequisites:** Formal admission to the Education Program.

#### EDU 475 - Student Teaching K-12

**6-12 Credits** This is a full day, full semester student teaching experience, based on the K-12 calendar, under direct supervision of cooperating teacher(s) and college supervisors.

**Connections Discipline:** Experiential

**Prerequisites:** Senior standing and Formal Admission to the Education Pprogram.

#### EDU 479 - Student Teaching Continuation

**3 Credits** This is a continuation of the winter semester of student teaching.  
**Prerequisites:** EDU 460, EDU 471 or EDU 475.

#### EDU 580 - Supervision of Student Teachers I

**2 Credits** Classroom teachers complete training through a seminar format and distance learning in the supervision of student teachers and the Wisconsin educator standards. Topics include introducing student teachers to the teaching process, establishing effective personal relationships, planning, clinical supervision, legal issues, and evaluating student teachers.

#### EDU 581 - Supervision of Student Teachers II

**2 Credits** Classroom teachers continue training in the supervision of student teachers and the Wisconsin initial educator standards from the previous course in order to meet the requirement of PI34.

**Prerequisites:** EDU 580.

English

#### ENG 110 - Introduction to College Writing

**3 Credits** Students develop skills required to successfully complete writing assignments for collegiate-level courses. Particular focus is given to sentence and paragraph structure, grammar and spelling, critical analysis, thesis statements, and research techniques. Students work on assignments required for their disciplinary courses, develop strategies for effectively engaging in the writing process, and acquire knowledge required to accurately evaluate their own writing. Successful students acquire the confidence and skills required to continue improving their writing after completion of the course.

#### ENG 126 - Confluences Reading & Writing in the Lake Superior Watershed

**4 Credits** Part of the Superior Connections Program, in this course students gather and integrate their experiences and studies of the Lake Superior Watershed using the creative and synthetic potential of dialogue and written expression. The reading of literary and historical texts, the composition of essays, and delivery of oral presentations are integral to the course.

**Connections Discipline:** Humanities

**Corequisites:** XHH 120 and ART 166.

#### ENG 160 - Natural Disasters in Literature and Film.

**4 Credits** Students critically examine natural disasters in literature and cinema, focusing on how the representation of events such as tornados, floods, volcanic eruptions, asteroid hits, and environmental apocalypse involves social issues such as gender, race, economics, nationhood, and global climate change.



**Connections Discipline:** Humanities  
**Corequisites:** XHS 105 and SOC 225.

#### ENG 165 - Pastoral & Agricultural Literature

**4 Credits** This course explores depictions of rural and agrarian life in literary contexts—how the relationship to “the land” has been figured aesthetically and historically. Students examine how rural work—especially farming and herding—is idealized, valued, or ignored in a variety of textual forms, including the short story, the essay, and poetry.

**Connections Discipline:** Humanities  
**Corequisites:** XHH 105 and HIS 120.

#### ENG 180 - Public Speaking

**3 Credits** Students develop public speaking, presentation, and listening skills and learn how to critique public speeches.

#### ENG 211 - Humanity & Nature in Literature

**3 Credits** Students read and analyze selected short stories, novels, plays, essays, and poetry that focus on human relationships with the natural world.

**Connections Discipline:** Humanities  
**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 213 - Literature of the Western World

**3 Credits** Students study seminal Western literature through the Renaissance, including Homer, Dante, Boccaccio, Marguerite de Navarre, Thomas More, Rabelais, Montaigne, Calderon de le Barca.

**Connections Discipline:** Humanities  
**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 216 - The Contemporary Novel

**3 Credits** In this course, students examine the novel as a genre as well as prominent novels of the past 30 years.

**Connections Discipline:** Humanities  
**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 217 - Contemporary Third World Literature

**4 Credits** Study of selected novels and short stories of established authors as well as emerging young writers from Africa, Latin American, and Asia.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 227 - The Gothic Novel

**3 Credits** Students examine the gothic tradition as it evolved from British novels in the late 18th century to writings in contemporary American horror. The course charts the progress of various themes and motifs, including the nature and origins of evil, hidden or double lives, and the natural versus the unnatural and the supernatural.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 228 - Literature of the Arab World

**4 Credits** This course emphasizes the study of selected contemporary short stories and novels written by established authors as well as emerging young writers, of both genders. It covers culture, politics, women's issues, etc. Recent documentaries and movies accompany the course readings.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 229 - Reading the Waters

**4 Credits** In this introductory literature course, students read and analyze essays, short stories, novels, and poems that focus on or were inspired by human relationships to the Lake Superior Watershed or by water in general. Through the course, students learn how to apply systematic interpretive approaches to their reading and develop an appreciation for literary works from different genres and periods. Written and oral interpretive assignments are integral to the course.

**Connections Discipline:** Humanities

**Prerequisites:** XHH 115 or XNN 115.

#### ENG 233 - Women of the Third World

**3 Credits** Study of short stories and novels that explore many issues from the vantage point of women in Africa, Latin America and Asia.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 234 - Seminar in Science Fiction

**3 Credits** This course addresses different genres of science fiction (hardcore, social, fantasy, speculative, and cyberpunk) with a strong emphasis on gender in content and approach. Also includes classic movies in the genre.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 240 - Pens & Paddles in the North Woods

**4 Credits** This course combines literary study with wilderness fieldwork. Students read accounts of North Woods canoe journeys by authors such as Henry David Thoreau, Florence Page Jacques, and Sigurd F. Olson, and then travel to the Boundary Waters Canoe Area for a 15-day canoe trip.  
Course Fee.

**Connections Discipline:** Experiential or Humanities

**Prerequisites:** Instructor Consent Required.

#### ENG 262 - Survey of British Literature

**3 Credits** Students read and study major British and Irish literary works from the early Medieval period to the present day.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 264 - Survey of American Literature

**3 Credits** Students read and study representative works of American literature from its origins to the present.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 318 - Nature Writers

**3 Credits** Students read and study selected texts from the genre of non-fiction nature writing. Discussions and writing assignments help students develop an understanding of movements and trends within the genre as well as an appreciation for the achievements of individual authors.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 165, or ENG 211, or ENG 240, or ENG 264, or ENG 372 or ENG 377, or OED 328, or HIS 325, or HIS 340.

#### ENG 372 - Nature in Latin American Literature

**3 Credits** Students read and study contemporary short stories from Latin America and the Caribbean, focusing on their unique treatment of nature in both content and form. Particular attention is given to the metaphoric use of nature to treat sensitive historic, political, psychological, and social issues.

**Connections Discipline:** Humanities

**Prerequisites:** Any 200-level literature course.

#### ENG 377 - Green Romanticism

**3 Credits** This course focuses on British Romantic-era nature writing and explores the emergence of proto-ecological thought in period authors such as William Wordsworth, John Clare, and Charlotte Smith, with an emphasis on their use of precise physical detail, their depictions of the dynamism of natural processes, and their descriptions of the impact of human activities on local eco-systems.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 384 - Literary Criticism

**3 Credits** This is an advanced course in literary study. Students examine diverse scholarly approaches to literature, including New Critical, Feminist, Historical, Psychoanalytic, Post-Structuralist, and New Historical critical traditions.

**Connections Discipline:** Humanities

**Prerequisites:** Any ENG Course.

#### ENG 387 - The English Language

**4 Credits** Students study the origins and development of the English language, advanced grammar, and issues in contemporary linguistics.

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 413 - Shakespeare

**4 Credits** This course explores 5-6 Shakespeare plays in their literary, historical, and dramatic contexts. Students engage actively with the texts as scripts in discussion environments and watch several stage and screen adaptations (in and out of class). Coursework includes two 10-page research papers and regular reading quizzes.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

#### ENG 415 - Chaucer

**4 Credits** Students gain exposure to literary form, language and pronunciation of Middle English in the Minor Poems and in-depth study of the Canterbury Tales in Modern English.

**Connections Discipline:** Humanities

**Prerequisites:** ENG 110, or Completion of a Connections Block, or Writing Assessment Score of 3 or above.

ENG 489 - ENG Senior Honors Thesis

**3 Credits** Students complete a long scholarly or creative work in consultation with a thesis director. The thesis is presented to the college community in a public reading. Students may only take this course by invitation of the English Program Coordinator. This course is not a capstone option for the English or Writing majors.

**Prerequisites:** Senior Standing.

Gender and Women's Studies

GWS 265 - Introduction to Gender & Women's Studies

**3 Credits** Students study major issues, debates, and challenges in contemporary feminism as a political and academic movement, including representations and experiences of women, the construction of gender and gender roles, and their impact in areas such as body image, health, sexuality, reproductive rights, work, and domestic violence.

**Connections Discipline:** Humanities

GWS 266 - Ecofeminism

**3 Credits** Students examine ecofeminism as an intersection of environmentalism and feminism, focusing on relationships between nature, culture, and gender. Readings and discussions explore diverse approaches to ecofeminist concerns, including environmental ethics, spirituality, and political practice.

**Connections Discipline:** Humanities

GWS 331 - Feminist Theory

**3 Credits** Students participate in an advanced study of the theory and politics of contemporary feminism, including the contributions of prominent feminist academics and activists.

**Prerequisites:** Any GWS course.

Geographic Information Systems

GIS 201 - Introduction to Geographic Systems

**4 Credits** Students learn GIS concepts through studying spatial data structures, sources of data, GIS analysis tools and sample applications. Students complete hands-on computer activities using ArcGIS Desktop software. Offered every winter and alternate fall terms.

#### GIS 260 - Global Positioning Systems

**1 Credits** Students learn how the GPS satellite system works, accomplish GPS data collection using various brands of GPS receivers, and learn how to integrate GPS data into GIS projects. Offered even-year spring terms.

**Prerequisites:** GIS 201.

#### GIS 301 - Intermediate GIS Applications

**4 Credits** Building on knowledge and skills learned in GIS 201, students experience the ArcGIS Desktop extensions of Spatial Analyst and 3-D Analyst through numerous computer activities. Students also learn GIS project methodology and use it to complete several GIS modules. Offered odd-year fall terms.

Course Fee.

**Prerequisites:** GIS 202.

#### GIS 315 - Geodatabases

**3 Credits** Students learn the advantages of storing spatial data in a geodatabase as developed by ESRI. Students study the elements and behaviors of spatial data within the geodatabase data model and apply their knowledge by building a personal GIS geodatabase. Offered odd-year spring terms.

**Prerequisites:** GIS 203.

#### GIS 380 - Remote Sensing

**4 Credits** Students learn the principles of remote sensing and its applications in GIS project work. Course lab work includes hands-on interpretation of aerial photography and computer analyses of different types of satellite imagery. Offered odd-year winter terms.

#### GIS 401 - Advanced GIS

**4 Credits** Students gain practical experience in designing and managing GIS projects, in addition to learning advanced GIS techniques, such as geostatistical analysis. Students complete their own GIS project encompassing all project management procedures – design, data acquisition, analysis, results, and presentation. Offered even-year winter terms.

**Prerequisites:** GIS 201, GIS 301, or MTH 107.

#### Geoscience

## GSC 107 - Geology & Agriculture

**4 Credits** In this course students learn about the earth systems, soils, minerals, water, and energy used in agriculture and the environmental impacts caused by the use of those resources. The course focuses on how these impacts can be decreased so that agriculture can sustainably provide for the needs of society.

Course Fee.

**Connections Discipline:** Natural Science

**Corequisites:** XHN 115 and REL 258.

## GSC 112 - Geoscience Issues of Lake Superior

**4 Credits** Part of the Superior Connections Program, students learn about the geologic processes and history of the Lake Superior basin and how past geologic events established the setting in which the current ecosystem and human society reside. Field trips and laboratory exercises develop their skills in map reading, rock identification and interpretation, and give them an appreciation for the beauty and complexity of the natural environment of the lake basin and humans' relationship to the lake.

Course Fee.

**Connections Discipline:** Natural Science

**Corequisites:** XNN 115 and BIO 128.

## GSC 120 - Physical Geology

**4 Credits** Students study the origin and character of rocks and minerals and the geologic forces of ground water, running water, wind, and ice. Students also gain an understanding of volcanism, earthquakes, and mountain building as they relate to plate tectonics.

Course Fee.

**Connections Discipline:** Natural Science

## GSC 140 - Natural Hazards

**4 Credits** Students study the Earth's surface processes and how they influence human activities. Topics include earthquakes, tsunamis, volcanoes, floods, subsidence, mass wasting, coastal hazards, hurricanes, tornadoes, wildfires and bolides.

**Connections Discipline:** Natural Science

## GSC 222 - Sediments & Soils

**4 Credits** In this course students study the origin and characteristics of sediments and soils. They learn how sediments are created through rock weathering and how they are transformed into productive soils at Earth's surface. Through classes, laboratories and field trips, students learn sediment and soil classification; how water and nutrients move

through soils; how soils become degraded and how they can be replenished.  
Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** Any 100-level GSC Course.

#### GSC 233 - Earth Resources

**4 Credits** In this course students learn about the geological occurrence and use of water, minerals, and energy resources, as well as the environmental and social impacts resource extraction and use. The course emphasizes environmental issues and solutions to resource problems.

Course Fee.

**Connections Discipline:** Natural Science

**Prerequisites:** Any 100-level GSC Course.

#### GSC 260 - Geology of the Lake Superior Region

**4 Credits** In this field course, students examine the rocks of the Lake Superior region to decipher the long, complex history of the area. The course includes travel to spectacular geologic and scenic areas for first-hand experience with the geology of the region.

Course Fee.

**Connections Discipline:** Experiential or Natural Science

**Prerequisites:** Any 100-level GSC Course.

#### GSC 262 - World Regional Geography

**3 Credits** Students examine a world which is undergoing political, economic and social transformations at many different spatial scales. Current issues and events will be discussed. Students become familiar with basic concepts in geography in order to understand the place of world regions in the global system and the underlying forces of world events.

**Connections Discipline:** Social Science

#### GSC 305 - Hydrology

**4 Credits** This course focuses on the processes of the hydrologic cycle. Students learn about the occurrence and movement of water in the atmosphere, over land, and in the ground.

Course Fee.

**Prerequisites:** GSC 107, GSC 112, or GSC 120.

#### GSC 320 - Landforms



**4 Credits** Students study the earth's surface features and the processes that create and modify them.  
Course Fee.

**Prerequisites:** GSC 107, GSC 112, or GSC 120.

#### GSC 321 - Minerals & Rocks

**4 Credits** In this course students study the composition and occurrence of the common minerals and rocks which make up the Earth. Through classes and laboratories that include extensive hands-on work with samples, students learn about the chemistry, structure, and importance of the rock-forming minerals; and the origin and significance of different kinds of rocks. The emphasis is on identification of rocks in the field.  
Course Fee.

**Prerequisites:** GSC 120.

#### GSC 324 - Coastal Geology

**4 Credits** Students study the physical and geological processes that control the formation and evolution of coasts, coastal morphology, classification, beach formation and evolution, and human impact on coasts.  
Course Fee.

**Prerequisites:** GSC 121.

#### GSC 370 - Glacial Geology

**4 Credits** Students study the formation of glaciers and the processes by which glaciers flow and create landforms, the history of glaciation on Earth, and important controls on climate.  
Course Fee.

**Prerequisites:** GSC 122.

#### GSC 406 - Hydrogeology & Geochemistry

**4 Credits** In this course students study the flow of groundwater and the chemical changes that it undergoes as it moves through aquifers. Students learn what controls the chemistry of water in the environment and learn to test water-quality parameters and how to determine the rates and directions of groundwater flow. An important theme that runs through the course is how humans impact water quality and how water quality can be improved.  
Course Fee.

**Prerequisites:** GSC 123.

## GSC 474 - Tectonics and Structural Geology

**4 Credits** In this course students learn the details of how plate tectonics operates and the huge influence it has on conditions on Earth. They study everything from small-scale structures in rocks to the largest mountain ranges on Earth, and in the process they learn how conditions on Earth's surface are intricately connected to what is going on deep inside the planet.

Course Fee.

**Prerequisites:** GSC 124.

## GSC 481 - Geologic Field Methods

**2 Credits** In this course students learn how to measure geologic structures and make geologic maps. The course prepares students for Geologic Field Camp, which is a month of field mapping in the Rocky Mountains in Wyoming. (Recommended GSC 474 - Tectonics and Structural Geology.)

Course Fee.

## GSC 482 - Geologic Field Camp

**4 Credits** In this course students learn to make geologic maps that document the nature and distribution of earth materials in the field. Through extensive field work in the spectacular rock exposures of the Rocky Mountains, students become proficient at interpreting rocks and geologic histories. Course Fee.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** GSC 481.

## GSC 486 - Senior Seminar in Water Science

**2 Credits** In this capstone independent research project, students use all of the skills and knowledge acquired in their course work to complete a comprehensive drainage basin analysis. This analysis includes the water budget, stream characteristics, soils and sediments, and ground water flow in a drainage basin of their choosing. Students produce maps and a report and then present their research to the campus community. Offered by arrangement.

**Prerequisites:** GSC 305 or GSC 406.

## GSC 488 - Geoscience Capstone Research

**2 Credits** Students conduct geoscience field work and gather data for an original research project. The research topic is chosen by students and completed in collaboration with a faculty mentor.

**Prerequisites:** Declared Geoscience major and Senior Standing.

## GSC 498 - Senior Seminar in Geology

**2 Credits** Students complete an independent research project and prepare for the Geoscience Exit Examination. The Exit Examination requires a presentation to the faculty about the research project and demonstration of competency in basic topics in geoscience. This seminar, along with required field experiences in GSC 482, constitutes the capstone experience for geoscience majors. The seminar provides preparation for career employment or graduate school.

**Prerequisites:** Declared Geoscience major and Senior Standing.

## History

### HIS 101 - United States History to 1865

**3 Credits** Students examine major social, political, and economic developments in U.S. history from the origin of settlement through the Civil War. Students will pay special attention to such factors as race, class, religion, ethnicity, and gender in the shaping of the United States within this time frame.

**Connections Discipline:** Humanities

### HIS 102 - United States History since 1865

**3 Credits** Students examine U.S. political, economic and social developments from Reconstruction to the present. They focus especially on the evolution of cities, industrial capitalism, and immigration in the designated time frame.

**Connections Discipline:** Humanities

### HIS 111 - History of World Civilizations to 1500

**3 Credits** This course surveys human history from the beginning of agriculture to 1500. Students examine how technological innovation, religious ideas, culture, social structures, economic forces, and the environment interacted to shape civilizations.

**Connections Discipline:** Humanities

### HIS 112 - History of World Civilizations since 1500

**3 Credits** Students examine the interactions and increasing integration of the world's civilizations in the modern era. The course covers global trade networks, the rise of the Atlantic slave trade, European hegemony, the two World Wars, and post-colonial nationalism.

**Connections Discipline:** Humanities

### HIS 120 - American Agricultural History

**4 Credits** Students examine various key sites, and moments, of agricultural production throughout United States history. Students study land law, as well as institutions and

spaces such as slavery, sharecropping, seed patenting, and the plantation, farm, and botanical garden. Students examine various implements, including the fence, plow, and crate labels.

**Connections Discipline:** Humanities

HIS 127 - History of Darwinism, Evolution, and European Empire

**4 Credits** Students study the history of ideas commonly known as Darwinism, including the process that led to their creation, the controversies that have enveloped them, and the various ways that sociologists, psychologists, historians, & biologists, as well as ideologues, racists, politicians and colonialists, have used those ideas to explain the world--for good or ill.

HIS 209 - Gender in the U.S. Landscape

**3 Credits** Students study several American landscapes and their construction, including but not limited to cities, wilderness, frontiers, suburbs, and parks. Students study the complex ways in which landscapes are constructed through vision, commerce, ideology, and gendered understandings of nature.

**Connections Discipline:** Humanities

HIS 221 - History of Medieval Europe

**3 Credits** A history of the beginnings and development of Western European civilization from the later Roman Empire in 300 A.D. to the beginning of the modern era around 1500. The medieval period will be studied from the political, social, economic, and cultural perspectives of history.

**Connections Discipline:** Humanities

HIS 234 - Ideology in the 20th Century

**3 Credits** Students study the growth of global economic and cultural interdependence and exploitation from World War I to the present. Topics include European colonialism, the rise of Communism and Fascism, the Russian and Chinese Revolutions, the two World Wars, the Holocaust, the Cold War, colonial independence movements and globalization.

**Connections Discipline:** Humanities

HIS 241 - American Environmental History

**3 Credits** Students trace the cultural perceptions of nature and humanity's impact on the environment over the course of American history. Students study various sites of environmental degradation and preservation and the history and politics of environmental protection and sustainability within several crucial frames, including those of race, class and gender.

**Connections Discipline:** Humanities

## HIS 242 - European Environmental History

**3 Credits** Students study the major climatic changes in Europe in the last 1000 years, and the ways that these changes have impacted European society. Students also study the major ideas in European culture about human relationships with the environment, including scientific, religious, and more general cultural conceptions of nature.

**Connections Discipline:** Humanities

**Prerequisites:** HIS 112 or Instructor Consent.

## HIS 260 - Gender in Modern Europe

**3 Credits** Students examine how gender roles for both men and women have interacted with political, social, economic and cultural changes over the last 400 years. Specific topics include gender's relationship to psychology, work and family, science, urban space, war and imperialism.

**Connections Discipline:** Humanities

## HIS 263 - History of the Middle East

**3 Credits** Students trace the history of the Middle East from the rise of Islam to the present with an emphasis on the events of the Twentieth Century. Topics include European and American colonialism, Zionism and Arab Nationalism, the Iranian Revolution, the Persian Gulf Wars and the Israeli-Palestinian conflict.

**Connections Discipline:** Humanities

## HIS 264 - Middle East History & Politics

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course allows students to study the historical and political context of the complex struggle between Israelis and Palestinians with particular attention to the sequences of action and time, the study of events, and the role of political power. As students develop an understanding of the origins and causes of the Israelis-Palestinian conflict, on-site visits to historic sites and guest speakers help them to make links to the present.

**Connections Discipline:** Interdisciplinary or Experiential

**Prerequisites:** Admittance to the CELL Program.

## HIS 266 - American Material Culture/Objects in Everyday Life & History

**3 Credits** In this course, students uncover the cultural messages in the objects and spaces of our everyday lives. They attend to the development of American consumer culture and how physical objects construct racial, ethnic, and gendered identities. Objects of study include, among others, bicycles, clothing, lava lamps, garbage, and vernacular art.

**Connections Discipline:** Humanities

## HIS 270 - The Holocaust

**3 Credits** The course covers European anti-Semitism, racial ideology, the political crises of the early 1930s, Nazi ideology, the course of World War II and the structures and functioning of the Nazi machinery of death. Questions regarding moral responsibility, memory, modernity and depersonalization will figure prominently in discussions.

**Connections Discipline:** Humanities

HIS 303 - Historical Method & Philosophy

**3 Credits** This course combines instruction in the techniques of historical research and writing with a survey of historical philosophy from ancient times to the present.

HIS 305 - Queer Ethnic History in America

**3 Credits** Students examine queer ethnic identities (including African American, Chicano/a, Asian American, and American Indian identities) as constructed and lived in US cities in the past century. Cities have racialized, gendered, and sexualized components; students will evaluate how American cities have served to encourage and inhibit the construction of queer communities.

**Connections Discipline:** Humanities

**Prerequisites:** Sophomore Standing.

HIS 320 - The Enlightenment

**3 Credits** Students examine the intellectual foundations of our culture, from the Scientific Revolution to the French Revolution. The course emphasizes how the Enlightenment articulated Western civilization's understandings of science, the role of government, the nature of the individual, and rationalism. Assignments focus on placing texts in context.

**Connections Discipline:** Humanities

HIS 321 - The French Revolution

**3 Credits** Students study the French Revolution, an event that marks the beginning of modern politics in the West. Topics include the ideas of the Enlightenment, the events of 1789-1794, the rise of Napoleon, the birth of political ideologies, and the fundamental questions of government, representation, and violence in politics.

**Connections Discipline:** Humanities

**Prerequisites:** HIS 112 or HIS 222.

HIS 325 - Nature and Nation Environment, Art, and Ideology

**3 Credits** This course examines the intersection of nature and nation-building, primarily in the early United States national period, but extending through present day. Students study the relationship of natural history to national culture, examining how empire and Enlightenment thinking come together to constitute nation-building as an imperial and Romantic art.

**Connections Discipline:** Humanities

**Prerequisites:** HIS 241, or Junior, or Senior Standing.

HIS 357 - Gender in Total War

**3 Credits** Students examine the transformation of gender roles during World Wars I & II and explore in particular challenges to ideals of masculine courage, valor, and military efficacy in the face of mechanized warfare as well as the ways in which the wars drew women into industrial workplaces and onto the killing fields. Illustrations of these dramatic upheavals in European and American conceptions of gender are examined in secondary histories, film, literature and memoirs.

**Connections Discipline:** Humanities

**Prerequisites:** Any HIS course.

HIS 496 - History Senior Thesis

**1-4 Credits** This course, the first part of a two semester capstone sequence, is an independent research project that serves as the foundation for a capstone paper written in the second half of the sequence.

HIS 497 - History Senior Thesis

**3 Credits** This course, the second part of a two-semester capstone sequence, is an independent project in which a student produces a 30- to 50-page historical research paper on a topic of particular interest to the student.

**Prerequisites:** HIS 496.

Humanities

HUM 220 - Soviet Art & Music

**3 Credits** Beginning with some brief background on the late Czarist period and late Romantic music by Tchaikovsky, the course proceeds through the revolutionary periods, examines politics, poetry of Anna Akhmatova, music of Prokofiev, then focuses strongly(centrally) on the Stalin years and the music of Shostakovich, including viewing and discussion of the documentary film, Shostakovich vs. Stalin-The War Symphonies, a short work(novel) of Solzhenitsen, (One Day In The Life of Ivan Denisovich), and the novel, City of Thieves by David Benioff. The concluding period (death of Stalin through the dissolution of the Soviet State) is addressed through The Ransom of Russian Art by John McPhee, the long poem, Zima Junction by Yuri Yevtushenko, and late musical works (String Quartets) of Shostakovich.  
Course Fee.

**Connections Discipline:** Humanities

HUM 249 - Voices in the American West

**3 Credits** Students investigate the rich and varied art that treats the American West. Paintings, music, fiction, poetry, and film are considered. The manner in which creators such as Frederic Remington, Annie Proulx, Andrew Wyeth, Sherman Alexie, Cormack McCarthy, Aaron Copland, Zane Grey and Larry McMurtry inform and are informed by both the realities and the myths of the West are a central concern throughout.

**Connections Discipline:** Humanities

HUM 480 - Junior-Senior Seminar

**3 Credits** In this multidisciplinary Junior-Senior seminar, students develop and perform advanced-level readings and research projects. The first units focus on the development of interdisciplinary theories and methods. Assignments may include a microhistory, oral history or participant-observation, and/or varied disciplinary texts around a shared course topic. The course concludes with advanced research and writing techniques, as well as with preparation of an annotated bibliography for each student's capstone project (should a student's major not require a capstone, a longer paper assignment is substituted).

Interdisciplinary

IDS 105 - Introduction to Social Responsibility

**4 Credits** This course exposes students to a variety of disciplinary perspectives on the idea of social responsibility and helps to foster a deeper understanding of the role students play in shaping the world. Additionally, students have the opportunity to examine numerous examples of individuals, groups, and organizations working to achieve their practical vision of a socially responsible society.

**Connections Discipline:** Interdisciplinary

IDS 130 - Climate & the Complexities of Societal Change

**4 Credits** This course explores the complexity of societal action to address climate change. Insights come from the fields of environmental education, communication, history of science, clinical psychology, religion economics and environmental philosophy as well as from case studies of current events and from experiences of communities on the front-lines of climate change.

**Connections Discipline:** Interdisciplinary

IDS 141 - Sustainable Agriculture Synthesis

**4 Credits** Students develop a holistic understanding of humanity's relationship to nature through farming and food, gain understanding of agricultural challenges through projects in the campus garden and surrounding farms, and consider how a systems perspective informs the practice of farming and advances in sustainable food production.

**Connections Discipline:** experiential

IDS 180 - Lake Superior Circumnavigation



**4 Credits** In this May-term travel course, students explore the Lake Superior Watershed as they circumnavigate the Lake by van, boat, and foot. Visits to prominent natural and historical sites as well as interactions with members of regional communities are integral to the course.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Completion of XHH 115 and XNN 115.

IDS 254 - Diversity and the Environment

**3 Credits** Students explore the unique issues that impact under-represented populations and their relationships to the environment. Issues that students examine include environmental policy; race and environmental injustice; cultural identity and the natural world; environmental activism; and diversity.

**Connections Discipline:** Interdisciplinary

IDS 274 - Israel & Palestine Studies

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course provides an interdisciplinary review of contemporary issues in three countries of the Levant region Israel, Palestinian Territories, and Jordan. The first-hand survey includes home stays, touring, and study to understand the geography, culture, language, religion, economics, foreign relations, environment, and arts of the region.

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

IDS 276 - Middle East Sustainability

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course provides students with an opportunity to explore the principles and integral relationship of peace and sustainability in Israel-Palestine. In addition to examining choices they are making in their own lives and how they impact both peace and sustainability, the course provides an opportunity to examine current efforts in the region to build peace and a sustainable future. Field trips and opportunities to apply classroom learning to current peace and sustainability projects are integral to the course.

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

IDS 278 - Applied Peace & Sustainability

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this service-learning course challenges students to apply what they are learning in their academic courses to real-life peace and sustainability issues and practices in the programs and villages where they are working and living. Students will have opportunities to work with community partners in various organizations relating to peace

and sustainability such as a refugee camp in Bethlehem, Friends of the Earth Middle East, Arava Institute, Seeds of Peace, Peace Players, an Environmental Education Center in Beit Jala, and Volunteering for Peace.

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

#### IDS 280 - Trekking Planet Japan

**4 Credits** Students participate in an international study trip to Japan. The focus of the course is on historic and contemporary expression of Japanese religions, notably Buddhism and Shinto.

Course Fee.

**Connections Discipline:** Experiential or Humanities

#### IDS 281 - Spring in Italy

**4 Credits** Students study the great artistic, intellectual, and religious achievements of Medieval and Renaissance Italy as they travel in the heart of Tuscany and Umbria. Students reside in a medieval villa atop the Umbrian mountains in addition to resident studies in Florence.

Course Fee.

**Connections Discipline:** Experiential or Humanities

#### IDS 284 - Central American Culture, History, and Language

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course provides students with a hands-on introduction to (1) the history and culture of Honduras, Nicaragua, and Costa Rica; (2) the challenges of conservation and development facing this region; and (3) the language of the region. Students participate in several homestay experiences, visit cultural and historical sites, and engage in discussions, lectures, and reflective writing. Title Central American Culture, History, Language

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

#### IDS 285 - Iceland Culture, History, Language

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course provides students with an overview of the culture, language, and history of Iceland. Students receive instruction in conversational Icelandic and develop an understanding of the socio-cultural and environmental contexts relevant to Icelandic studies. Field trips to historical sites are integral to the course.

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

## IDS 320 - Living & Working in a Multicultural Context

**3 Credits** This course introduces students to the importance of understanding the challenges and opportunities in working in a multi-cultural work force, community, and nation. Students explore how to develop their own multicultural awareness, skills, and relationship competencies.

**Connections Discipline:** Interdisciplinary

## IDS 373 - Humans & the Environment

**3 Credits** Part of a Round River field experience, in this environmental anthropology course, students study a variety of topics that range from cultural models and narrative constructions of the natural environment, to more applied, developmental issues associated with sustainability and community-based natural resource management, and the wider political and economic context of environmental issues as reflected in political-ecology and the environmental justice movement.  
Course Fee.

**Connections Discipline:** Experiential or Interdisciplinary

**Prerequisites:** Admittance to Round River Program.

## IDS 480 - Humanity & Nature Studies Seminar

**3 Credits** Through seminar discussions and essay assignments, students synthesize their learning from courses and experiences in the Humanity & Nature core and Environmental Humanities emphasis. Specific topics of study vary depending on instructor and student interest in a given year.

**Prerequisites:** ENG 318, HIS 342, or PHL 360.

## Mathematics

### MTH 104 - Environmental Mathematics in the Lake Superior Watershed

**4 Credits** Part of the Superior Connections Program, students use statistical and mathematical modeling methods to investigate environmental questions through analysis of real data. Learning of most mathematical concepts is reinforced through field and laboratory work related to the aquatic resources of the Lake Superior watershed.

**Prerequisites:** ART 166.

### MTH 106 - Environmental Mathematics

**3-4 Credits** Students explore environmental issues and problems using the mathematics of functions and basic statistics. Specific topics include explorations of measurements and units; ratios and percentages; tabular and graphical displays of data; linear, exponential, and power functions; difference equations; and statistical descriptions of

data. Students reinforce all concepts through application to environmental data and situations.

#### MTH 107 - Statistical Concepts & Analysis

**4 Credits** Students learn to explore questions about data and populations through the application of exploratory data analysis and inferential statistics. Specific topics include summary graphics and statistics; normal distribution calculations; experimental design and sampling collection; sampling distributions; inference concept; t-family of tests; chi-square family of tests; and regression. Students analyze data and perform tests with modern statistical software.

**Connections Discipline:** Quantitative Reasoning

**Prerequisites:** BUS 120, MTH 104, MTH 106, MTH 108, MTH 109, MTH 140, SPC 162, ACT Math score of 20 or higher, or SAT Math score of 470 or higher.

#### MTH 108 - Mathematics for Success

**4 Credits** Students explore a variety of mathematical concepts and problem solving techniques that help solve environmental issues as applied in business and industry. Topics include counting principles and probability, mathematics of matrices, systems of linear equations, linear programming, and optimization.

#### MTH 109 - Precalculus Mathematics

**4 Credits** Students review the real number system and develop understanding of functions and graphs. Topics include polynomials and zeros, rational functions, exponential and logarithmic functions, trigonometric functions, identities and inverse functions, solution of triangles, elements of coordinate geometry.

**Connections Discipline:** Quantitative Reasoning

**Prerequisites:** ACT Math score of 20 or higher, or SAT Math score of 470 or higher.

#### MTH 140 - Calculus I

**4 Credits** Students learn the concepts of limit, continuity, derivative, and integration. Topics include Mean Value Theorem, anti-derivatives, definite integrals and their applications. Students apply the derivative concept to curve sketching and extreme value problems of optimization in the life, social, and physical sciences.

**Connections Discipline:** Quantitative Reasoning

**Prerequisites:** MTH 109, ACT Math score of 25 or higher, or SAT Math score of 570 or higher.

#### MTH 141 - Calculus II

**4 Credits** Students develop a deeper understanding of calculus and its applications in this course. Topics include applications of the definite integral, techniques of integration, improper integrals, Taylor polynomials, sequence and series, functions of several

variables, partial derivatives, and multiple integrals.

**Connections Discipline:** Quantitative Reasoning

**Prerequisites:** MTH 140.

#### MTH 207 - Biometry

**4 Credits** Students learn to explore more advanced questions about data and populations through the application of probability concepts, statistical models, and inferential statistics. Specific topics include methods of counting and specific probability functions and linear models including one- and two-way ANOVA with multiple comparisons and transformations, linear regression including transformations and indicator variables, and logistic regression. Students apply theoretical constructs to real-life situations in the life and natural sciences using modern statistical software.

**Connections Discipline:** Quantitative Reasoning

**Prerequisites:** MTH 107.

#### MTH 230 - Mathematical Modeling

**4 Credits** Students use deterministic and stochastic models based on difference and differential equations to draw conclusions and make predictions about natural systems. Topics include equilibrium analysis, bifurcation, chaos, hysteresis, phase plane analysis, and numerical simulation. Students apply modeling concepts to population ecology, population viability, predator-prey relationships, sustainable use of renewable resources, and global climate.

**Prerequisites:** MTH 140.

#### MTH 307 - Probability & Its Applications

**3 Credits** An introduction to basic probability theory including Venn diagrams, combinatorics, conditional probability, random variables, expected values and covariance, sums of random variables, discrete probability distributions, and continuous probability densities. Theoretical concepts will be applied through a variety of examples and will include the use of inferential statistics, Bayes' Theorem, Markov chains, and random walks.

**Prerequisites:** MTH 141.

#### MTH 312 - Advanced Calculus

**4 Credits** Students explore multivariate functions and vector calculus. Topics include extreme values of functions of several variables, implicit functions and Jacobians, transformation of coordinates, derivatives of vector-valued functions, line integrals, surface integrals, Green's theorem, Stokes' theorem, and the divergence theorem.

**Prerequisites:** MTH 141.

#### MTH 328 - College Geometry

**3 Credits** Students learn both Euclidean and non-Euclidean geometry. Topics include vector methods of proof, classical theorems, geometric transformations of the Euclidean plane, the Poincare model of hyperbolic space and non-Euclidean geometry, and an introduction to projective geometry. Offered spring session in odd-numbered years.

**Prerequisites:** MTH 141.

#### MTH 330 - Differential Equations

**4 Credits** Differential equations serve as mathematical models for displaying the interrelations between mathematics and the physical sciences engineering. Students study the methods of solutions of ordinary differential equations to represent the dynamics of physical phenomena. Topics include first and second order linear differential equations, power series, and Laplace transform solutions of differential equations.

**Prerequisites:** MTH 141.

#### MTH 335 - Discrete Mathematics

**4 Credits** Students learn fundamental discrete structures. Topics include algorithms, mathematical induction, elements of set theory, graphs, trees, combinatorics, difference equations, recursion, logic, and probability.

**Prerequisites:** MTH 140.

#### MTH 337 - Linear Algebra

**4 Credits** Students use matrix and generalized vector spaces to understand multi-variable functions in real life applications. Topics include vector spaces, linear dependence/independence, properties of matrices and determinants, linear transformations, inner product spaces, and eigenvalues.

**Prerequisites:** MTH 141.

#### MTH 470 - Advanced Topics in Mathematics

**4 Credits** Students learn methods of rigorous proofs in analysis and/or algebra. Topics from analysis may include sequences and series, continuous functions on metric spaces, derivatives, basic point set topology, properties of Riemann integrals, Lebesgue measure, and the Fourier transform. Topics from algebra may include groups, rings, and fields, and Galois theory.

**Prerequisites:** MTH 141.

#### MTH 496 - Mathematics Senior Capstone Seminar

**2-4 Credits** The focus of the seminar reflects particular competencies of faculty and specific interests of students. Required for all senior mathematics majors.

#### Meteorology

## MET 125 - Introduction to Meteorology

**4 Credits** This course provides students with an introduction to the general circulation of the atmosphere and the mechanisms responsible for the generation of daily weather. Students study seasonal and daily temperatures, atmospheric moisture, stability and cloud development, air pressure and winds, weather forecasting, and severe weather. Course Fee.

**Connections Discipline:** Natural Science

## MET 255 - Practicum Broadcast Meteorology

**3 Credits** This practicum provides students with an introduction to the field of broadcast meteorology and offers hands-on experience in creating and airing weather reports at the Northland News Center in Duluth. Students become familiar with the technology and operating procedures of a news/weather/sports studio environment, gain skills in the use of specialized software, and learn how to put together a broadcast package under time constraints. For this course, students must arrange their own transportation to the Northland News Center in Duluth. This course is offered in the winter semester only.

**Connections Discipline:** Experiential

## MET 270 - Oceanography

**4 Credits** Students learn about the two-way interaction between the ocean and its surrounding environment. Students study how the surrounding environment has shaped the ocean from the initial origins to today. This examination considers everything from the influence of humans, the atmosphere, and even the smallest marine life. The course also covers how the ocean influences life in the sea as well as on land. Topics include mixing, currents, ocean chemistry, waves, tides, and tsunamis. Course Fee.

**Connections Discipline:** Natural Science

## MET 363 - Synoptic Meteorology

**4 Credits** Students learn basic techniques for analyzing and forecasting surface and upper-air weather systems. The course focuses on air mass classification, frontal analysis, construction of surface weather maps, upper-air analysis, interpretation of satellite imagery, and discussions of standardized techniques for collection and reporting weather information and for displaying weather data patterns and preparation of forecasts. Students cannot earn credit for MET365 and MET363.

**Prerequisites:** MET 125 and MTH 140.

## MET 387 - Mesoscale Meteorology

**3 Credits** By applying atmospheric dynamics and physical analysis techniques, students develop a physical understanding of and an ability to forecast certain mesoscale phenomena, including mesoscale convective systems, severe thunderstorms, and tornadoes. Students also are thoroughly educated in storm safety. The final week of the course includes a storm chasing trip to Kansas, Nebraska, and South Dakota. To be eligible for the chasing trip, students must have SKYWARN spotter certification.  
Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** MET 125.

MET 463 - Dynamic Meteorology

**4 Credits** This course examines the theoretical foundations of meteorology through the application of calculus and the principles of physics. Topics include atmospheric thermodynamics; the atmospheric equations of motion and kinematics of fluid flow; circulation, vorticity, and divergence theorems; and atmospheric stability.

**Prerequisites:** MET 363, MTH 141, and PHY 111.

MET 467 - Atmospheric Physics

**3 Credits** Students complete an in-depth examination of various topics in atmospheric sciences, including thermodynamics of moist air, radiative transfer through the atmosphere, and atmospheric fluid dynamics. The course requires a combination of advanced mathematics and a solid understanding of fundamental physics.

**Connections Discipline:** Natural Science

**Prerequisites:** MTH 141 and PHY 330.

MET 480 - Senior Seminar in Meteorology

**2 Credits** The Senior Seminar in Meteorology is a capstone course intended for students majoring in meteorology and may include readings and presentations of current topics in meteorology, discussions, laboratory experimentation, and other preparation for employment and/or graduate school.

**Prerequisites:** Must have Senior Standing.

Modern Languages

MLG 105 - Elementary Spanish I

**4 Credits** Students develop the four language skills listening, speaking, reading, and writing with an emphasis on dialogues, pattern practice, phonetics, and oral comprehension and communication. Practice in language lab is included. (Advanced Placement and CLEP credit accepted for MLG 105.)

MLG 106 - Elementary Spanish II



**4 Credits** This course is a continuation of MLG 105. Students develop conversational skills. (Advanced Placement and CLEP credit accepted for MLG 106.)

#### MLG 205 - Intermediate Spanish I

**4 Credits** Training in the language skills and grammar review will continue in this course. (Advanced Placement and CLEP credit accepted for MLG 205).

**Prerequisites:** MLG 106.

#### MLG 206 - Intermediate Spanish II

**4 Credits** Continues MLG 205, with training in language skills and readings in Spanish literature, discussions, and written themes. (Advanced Placement and CLEP credit accepted for MLG 206).

**Prerequisites:** MLG 205.

#### Music

#### MUS 101 - Introduction to Music

**3 Credits** This course is an introduction to music history, language and form. Students learn to listen to and discuss music critically. Classical (western tonal) music is the foundation, but other styles of music are included. Students experience live music in various settings.

**Connections Discipline:** Humanities

#### MUS 121 - Chamber Music in Performance

**1 Credits** Students rehearse and perform chamber music repertory for various standard combinations of instruments and/or voices. Repeatable for credit.

#### MUS 122 - Voice in Class

**1 Credits** Students study the basic principles of vocal tone production and develop vocal skills in a group setting.

#### MUS 131 - Symphonic Band

**0-1 Credits** In this Northland College and community concert band, participants study traditional and contemporary band literature, and present concerts throughout the academic year, balancing the musical and educational needs of the members with service to the cultural needs of the community. Membership is open to all qualified students. Repeatable for credit.

#### MUS 141 - Northland Singers

**0-1 Credits** This is a mixed choir for students who enjoy the challenge of singing a wide variety of choral music in a range of different styles. The course is offered by audition, and is repeatable for credit.

#### MUS 151 - Jazz Band

**0-1 Credits** The band is organized for the study and performance of jazz arrangements and composition in a variety of styles. This ensemble provides the opportunity to strengthen improvisational skills. Membership is open to all qualified students. Repeatable for credit.

#### MUS 161 - Chequamegon Symphony

**0-1 Credits** Students participate in a college-community orchestra that performs major orchestral repertory during a season of three or four concerts. Repeatable for credit.

#### MUS 171 - Chamber Choir

**0-1 Credits** An extension of Northland Singers, Chamber Choir explores music written for small vocal ensembles. Singers have opportunities to perform music from a number of different style periods, with an emphasis on music from the Renaissance. Students perform regular concerts and are involved in musical outreach in the community. Repeatable for credit.

#### MUS 181 - Individual Brass Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.  
Course Fee.

#### MUS 182 - Individual Guitar Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.  
Course Fee.

#### MUS 183 - Individual Percussion Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.  
Course Fee.

#### MUS 184 - Individual Piano Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.

Course Fee.

#### MUS 185 - Individual Strings Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.

Course Fee.

#### MUS 186 - Individual Voice Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in voice. Instruction focuses on both technical and interpretive aspects of solo performance.

Course Fee.

#### MUS 187 - Individual Woodwind Lessons

**1 Credits** Students meet regularly with a faculty member for a specialized one-on-one instruction in an instrument. Instruction focuses on both technical and interpretive aspects of solo performance.

Course Fee.

#### MUS 203 - Evolution of American Song

**3 Credits** This course surveys popular songs, songwriters, and trends in songwriting from the nineteenth century through the modern era. Students study the nature of melodies, lyrics, changing trends, the creative process, and the social and economic contexts of the music.

**Connections Discipline:** Humanities

#### MUS 205 - Story of Jazz

**3 Credits** This course covers the development of jazz from its African heritage through ragtime, blues, Dixieland, swing, and bop to today's styles. Recordings support the historical-analytical approach to the subject.

**Connections Discipline:** Humanities

#### MUS 217 - Music in World Culture

**3 Credits** This course examines music across a broad and diverse spectrum of cultures, both within the United States and worldwide. The course addresses the intrinsic nature of

each type of music considered as well as its function and meaning in its social context.

**Connections Discipline:** Humanities

#### MUS 221 - Music and Text

**3 Credits** Students examine the relationship between text and music in a wide range of musical styles. Discussions include an examination of poetry and metaphor, musical and literary forms, tropes, and transumption of ideas. Students gain experience with art-song, opera, musical theater, as well as some popular genres.

**Connections Discipline:** Humanities

#### MUS 231 - Music Theory I

**3 Credits** This course focuses on the mastery of the fundamentals, diatonic materials, ear-training and sight-singing, as well as the beginning of formal analysis.

#### MUS 232 - Music Theory II

**3 Credits** This course continues the study of formal analysis, including chromatic harmony and 20th Century materials, and the mastery of ear-training, and sight-singing.

**Prerequisites:** MUS 231.

#### MUS 260 - Contemporary Music

**3 Credits** Students survey important avant-garde and post avant-garde musical works and composers of the 20th and 21st Centuries and examine relevant cultural shifts, innovations, and techniques that form the underpinnings of the music. The significant parallels between contemporary music and contemporary visual arts are also addressed. Musical styles such as atonality, serialism, minimalism, electronic and electroacoustic music will be considered.

**Connections Discipline:** Humanities

#### MUS 263 - Music & Nature

**3 Credits** Through case studies and experimentation, students learn how music can build a sense of community in a variety of natural and cultural settings. Specific topics include campfire songs, adaptive music for the physically challenged, Ojibwa music in the Chequamegon Bay region, African traditions, hybrid and syncretic musics. Students also engage in song writing and develop their own skills with voice and instruments such as the dulcimer, banjo, penny whistle, drums, and keyboard.

**Connections Discipline:** Experiential or Humanities

#### MUS 315 - Conducting and Scoring

**4 Credits** This course addresses conducting, arranging, scoring and programming choral and instrumental literature.

**Prerequisites:** MUS 232.

#### MUS 317 - Kindergarten & Elementary Music

**3 Credits** Students study methods, materials, and the development of competencies and skills used in the elementary grades from kindergarten through sixth grade. Does not count toward a major or minor in music.

**Prerequisites:** Successful completion of piano or guitar proficiency.

#### MUS 318 - Teaching Music in Secondary Schools

**2 Credits** Students study methods and materials for effective work in secondary music education including conceptual and philosophical bases for general music and performance curricula.

#### MUS 323 - Survey of Musical Styles I

**3 Credits** This course focuses on Western music from its beginnings through the Baroque era, and traces both the religious and secular traditions. Students study major composers and works with an aural and visual emphasis on the harmonic and formal structure characteristic of each.

#### MUS 324 - Survey of Musical Styles II

**3 Credits** A continuation of MUS 323, this course focuses on the classical and romantic eras, as well as the musical development of the 20th century. Students analyze changing forms and structures through the study of major composers and works.

**Prerequisites:** MUS 323.

#### MUS 330 - Music Half-Recital

**1 Credits** This course requires a public performance of 25-30 minutes duration. Prior to the last day to drop without record, the entire music faculty must grant permission for a student to continue with this course.

**Prerequisites:** Instructor Consent.

#### MUS 331 - Music History I

**4 Credits** This course focuses on Western music from its beginnings through the Baroque era, and traces both the religious and secular traditions. Students study major composers and works with an aural and visual emphasis on the harmonic and formal structure characteristics of each.

**Prerequisites:** MUS 231.

## MUS 332 - Music History II

**4 Credits** A continuation of MUS 331, this course focuses on the classical and romantic eras, as well as the musical development of the 20th century. Students analyze changing forms and structures through the study of major composers and works.

**Prerequisites:** MUS 331.

## MUS 344 - Secondary Choral Methods

**1 Credits** This course covers various topics relating to the organization and development of junior and senior high school choral programs, curriculum, scheduling, materials, vocal fundamentals, rehearsal techniques, and performances. Taught by arrangement only.

## MUS 345 - Instrumental Methods

**1 Credits** This course is a seminar focusing on major issues in elementary and secondary instrumental music and on advanced conducting techniques. Taught by arrangement only.

## MUS 430 - Music Full Recital

**3 Credits** This course involves a public performance of 50-60 minutes duration. Prior to the last day to drop without record, the entire music faculty must grant permission for a student to continue with this course.

## Native American Studies

### NAS 121 - Introduction to Ojibwe Language I

**3 Credits** Students develop an appreciation for the Ojibwe culture through the study of its language and basic expressions.

### NAS 122 - Introduction to Ojibwe Language II

**3 Credits** This course is a second-semester continuation of NAS 121 - Introduction to Ojibwe Language I. Students further develop their appreciation for Ojibwe culture through continued study of its language and basic expressions. NAS 121

### NAS 160 - Lake Superior Ojibwe

**4 Credits** Part of the Superior Connections Program, this course focuses on the various Ojibwe people who have resided in the Western Great Lakes region. Students study these cultures from pre-historic time to the present and develop an understanding of and appreciation for the history, culture, and traditional teachings of the original peoples to occupy the Lake Superior Watershed.

Course Fee.

**Connections Discipline:** Humanities  
**Corequisites:** XHH 115 and ENG 126.

#### NAS 211 - Native American History to 1830

**3 Credits** This survey explores the diverse histories of a number of Native American communities from pre-contact to the 1830 Removal Era including tribal communities in Wisconsin. Topics include developments in Native American societies prior to the arrival of Europeans, the complex interactions between Native and non-Native peoples, the growing impact of colonialism on Native American individuals and communities, and Native American survival and resistance.  
Course Fee.

**Connections Discipline:** Humanities

#### NAS 212 - Native American History 1830 - Present

**3 Credits** This survey traces the numerous ways that Native peoples throughout the United States as well as Wisconsin navigated the dramatic changes of the nineteenth and twentieth centuries to become the diverse communities that they are today. Topics include the development of Federal Indian policy, Native American resistance to U.S. colonial initiatives, Native American survival and activism, and the relationship between historical and contemporary issues in Native American communities.  
Course Fee.

**Connections Discipline:** Humanities

#### NAS 224 - Introduction to Tribal Legal Studies

**3 Credits** Students study the unique relationship between the United States government and American Indian tribes with a particular focus on tribal sovereignty, civil and criminal jurisdiction, the status of Indian lands, hunting and fishing rights, and recent Federal and Supreme Court decisions pertaining to Indian tribes.  
Course Fee.

#### NAS 225 - Native American Woodland Skills

**3 Credits** Students study traditional skills of peoples indigenous to the woodland environment and gain broad exposure to skills used by native people throughout the world. This class takes place mostly outdoors, in an experiential, hands-on work environment. One weekend trip (midsession break) is required.  
Course Fee.

**Connections Discipline:** Experiential

### NAS 231 - Native American Arts & Cultures

**3 Credits** Students gain a basic knowledge of styles, colors, patterns, and symbolism employed in traditional Native American arts and crafts with an emphasis on the Woodland Cultures. Skills learned include appliqué beadwork, loom beadwork, feather work, and leather work. Choice of final project is left to the student's imagination.

### NAS 239 - Native American Story Telling

**3 Credits** Students develop research, study, and presentation skills in storytelling. They also develop an understanding of the overall role that the oral tradition plays in Native American culture through a study of Native American legends, stories, and mythologies.

### NAS 283 - American Indian Literature

**3 Credits** Students survey literature by Native American and non-Native American authors and writers. Course work acquaints students with both written and oral traditions of American Indian people through reading, writing, lecture, and discussion.

### NAS 300 - Ethnobiology

**3 Credits** Students study Native American lifestyles as they relate to the natural environment and learn how Native American people made use of plants and animals to meet their basic needs, i.e., food, shelter, clothing, and medicines. The course is oriented toward fieldwork and projects incorporating the traditional lifestyle of Native American people.

### NAS 305 - Indigenous Peoples Global and Comparative Perspectives

**3 Credits** Students explore the diverse geographic, economic, political, cultural, and historical consequences of European expansion, imperialism, and colonialism for indigenous peoples. They examine these issues through a range of theoretical frameworks and study comparative case studies from around the world.

Course Fee.

**Connections Discipline:** Humanities

**Prerequisites:** NAS 160, NAS 211, NAS 212, NAS 224, NAS 315, NAS 333, or SOC 214.

### NAS 315 - American Indian Environmental Perspectives

**3 Credits** This course engages students in examining issues and actions of historical and contemporary American Indians relative to their environment and world views. A people's relationship with, perspectives, and use of land and resources provide valuable understanding of their relationship to the natural world. Students engage with guest



speakers, analyze video interviews, and read widely from historical and contemporary research.

#### NAS 319 - Northern Plains Cultures

**3 Credits** Students engage in an advanced and detailed study of the cosmology at the heart of the North American continent. The rich history and complex systems of the Northern Plains nations are a central focus of the course, and through them students develop an appreciation for the role that the Plains people have played in shaping America.

**Prerequisites:** Any 200-level NAS Course.

#### NAS 333 - Native American World Views

**3 Credits** Students study Native American world views as they are expressed in the philosophy, beliefs, and values of the people. Because Native Americans had no written language, this course emphasizes traditional teachings as they are conveyed orally by elders. Specifically, the course focuses on teachings found in natural phenomena and in the various sacred articles given to the people as gifts from the spirit world.

#### NAS 479 - Native American Studies Seminar

**3 Credits** Students study classic frameworks as well as new developments that have shaped the field of Native American Studies. They explore the perspectives of Native American scholars, writers, artists, and activists, and how they have addressed a range of issues impacting Native American communities through their work. Students produce an original research project that engages with the themes of the course.

Course Fee.

**Prerequisites:** Any 200 or 300-level NAS Course.

#### Natural Resources

##### NRS 101 - Fur-Bearer Ecology & Management

**1 Credits** This hands-on learning experience with educators from the Wisconsin Department of Natural Resources and the Wisconsin Trappers' Association addresses fur-bearer trapping and management in Wisconsin. Students learn about trapping, skinning, and processing pelts as well as how to identify Wisconsin fur bearers, their ecology, and best management practices. Additionally, students engage in dialogue with trappers, biologists, and conservation wardens about the merits and ethics of trapping.

Course Fee.

##### NRS 102 - Wildland Firefighter Training

**1 Credits** This course is a certification training course in wildland fire fighting. Certifications include I-100, S-130, S-190, and L-180. Lectures cover safety, fire weather, fire behavior, and firefighting equipment. An experiential field day focuses on map and compass, fire line creation, fire shelter deployment, and familiarity with firefighting trucks and dozers. Students who pass the course and the federal pack test (which they must arrange on their own) are eligible to receive a red card.  
Course Fee.

#### NRS 164 - Wolf Research and Monitoring I

**3 Credits** This course prepares students to work as field researchers collecting data on wolves and other carnivores in Wisconsin. Students learn how to navigate through the woods and on forest roads with topographic maps, plat books, compasses, and GPS units. Students also learn how to identify the tracks and trails of Wisconsin carnivores. The course includes two mandatory weekend trips.  
Course Fee.

**Connections Discipline:** Experiential

#### NRS 215 - Natural Resources Policy

**3 Credits** Students explore the role of state, federal, tribal, and international agencies in managing natural resources. Students also analyze the history of significant legislation and policy to determine their current impact on resource management, especially focusing on local and Great Lakes issues.  
Course Fee.

**Prerequisites:** BIO 115.

#### NRS 225 - Fisheries & Wildlife Techniques

**4 Credits** Students learn field techniques and use them to sample fish and wildlife populations. This is an intensive field experience that will help prepare students to function as field biologists.  
Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** BIO 234 and must be a declared Natural Resources major.

#### NRS 240 - Natural Resources Field Methods

**4 Credits** This course introduces potential natural resource majors to plant taxonomy and habitat monitoring methods in the summer between the first and second years. In the first component of the course students learn the plant taxonomy of the areas to be assessed. The second component focuses on sampling concepts and the many techniques used to monitor vegetation. In the final component of the course, students sample habitat and

submit a group report for an agency "client."  
Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** Completion of a Connections Block.

#### NRS 264 - Wolf Research and Monitoring II

**2 Credits** In this project- and field-based course, Students study and monitor wolves in northern Wisconsin with a team of peers. Teams use radio telemetry to investigate wolf movements on the landscape, and they conduct tracking and howling surveys to determine the presence/absence of wolves in local areas as well as to understand spatial arrangements of packs in northern Wisconsin. Data collection requires students to travel away from the College.

**Prerequisites:** NRS 164.

#### NRS 325 - Stream and Watershed Ecology

**4 Credits** Students explore the biological, chemical and physical components of stream and watershed structure and function. Lectures focus on the processes of stream formation and the factors that control sediment run-off, nutrient cycling, species abundance and distribution. Particular emphasis is placed on the role that the upland watershed plays in the determination of stream function. Laboratory exercises focus on the field observation and analysis of the on-campus watershed and stream as well as a comparison of this system to additional off-site watersheds.

#### NRS 345 - Ecological Restoration

**4 Credits** This course focuses on understanding both the relevant underlying principles of ecology and the practical nuts-and-bolts of designing and implementing restoration plans. Students study plant communities, design concepts, assessment techniques, and prescribed fire to integrate theory and practice while planning a project for an outside client.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** BIO 234.

#### NRS 346 - Applied Restoration Ecology

**3 Credits** Part of a Round River Conservation Studies semester program, students in this course participate in restoration activities within the site of a new national park in Patagonia. Field work is supplemented by lectures, readings, and discussion, and students learn the principles of restoration ecology, as well as the methods, planning process, evaluation criteria and challenges of applied restoration work.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

#### NRS 347 - Sustainable Forest Management

**4 Credits** Students study forest stewardship techniques and certification policies aimed at balancing ecological, economic, and social needs over long time frames. Students take frequent field trips to observe examples of forests being managed for multiple uses.  
Course Fee.

**Prerequisites:** BIO 234.

#### NRS 348 - Wildlife Ecology & Management

**4 Credits** This course is a survey of the theories and management of wildlife populations, including population dynamics, life histories, habitat management, census techniques, and endangered species. Students gain insight and experience through field trips to local areas of interest.  
Course Fee.

**Prerequisites:** BIO 234.

#### NRS 349 - Fisheries Science & Management

**4 Credits** Students learn and use modern statistical methods to estimate vital parameters of exploited fish populations including abundance, age, growth, mortality, condition, and size structure. Students also explore basic concepts and specific methods for managing fish populations and the people who use them. Concepts are reinforced by examining real issues and collecting and analyzing real data through the scientific literature and field trips with local resource agencies.  
Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** MTH 107, BIO 234, and BIO 242.

#### NRS 358 - Wetlands

**4 Credits** Students study the ecology, biology, conservation, and management of wetlands. A series of field trips to regional wetlands introduce students to the natural history and classification of wetlands.  
Course Fee.

**Prerequisites:** BIO 234.

#### NRS 361 - Forest Mensuration

**4 Credits** Students are trained on the principles and application of tree-stand inventory and measurements to estimate growth and yield of forestry resources. This course includes a significant field component.

Course Fee.

**Prerequisites:** BIO 234.

NRS 363 - Fire Ecology and Management

**3 Credits** Students study the ecology, history, and management of fire, with particular focus on the chemistry and physics of fire, fuel loads and weather influences on fire, fire suppression, prescribed fire, and fire policies.

**Prerequisites:** BIO 235.

NRS 364 - Wolf Research and Monitoring III

**2 Credits** This course offers students leadership opportunities on a wildlife research team. Students lead team members in project-based work groups investigating aspects of wolf biology and behavior. Projects require travel in remote areas of northern Wisconsin to conduct howling and tracking surveys as well as investigations of wolf movements via radio telemetry.

Course Fee.

**Prerequisites:** NRS 264, and GIS 260, or GIS 201.

NRS 368 - Vegetation Management

**4 Credits** Students study the ecological principles and field methods used in silviculture and other types of vegetation management. Discussions in the course focus on the social and biological impacts of managing vegetation for wood products, wildlife resources, biodiversity, natural area maintenance, and restoration.

Course Fee.

**Prerequisites:** BIO 234.

NRS 370 - Living with Wildlife: Wildlife Conservation Policy in Africa

**3 Credits** Part of a Round River field experience, this course introduces students to the unique conservation policy of Namibia, focusing on the emergence of policy and legislation and devolving natural resource ownership and rights to private landowners and local communities. Students study in detail how this policy effects community-based resource development in Namibia.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to Round River Program.

NRS 410 - Natural Resources Capstone

**2 Credits** Students choose, design, and implement an independent research project with guidance from a faculty member or a local resource management professional. Natural Resource majors must take this course during their Junior year.

#### NRS 425 - Silviculture and Harvest

**4 Credits** Students study forest stand establishment, composition, structure, and dynamics, with particular focus on the role of silvicultural manipulation and harvest. This field-based course focuses on silvicultural and timber harvesting practices of forest species in the Upper Great Lakes Region.  
Course Fee.

**Prerequisites:** NRS 361.

#### NRS 480 - Integrated Ecosystem Management

**4 Credits** Integrated Ecosystem Management is grounded in an interdisciplinary understanding of the ecological, social and economic systems that sustain human well-being. Students apply the skills and concepts acquired in previous natural resource courses to collaboratively solve real-world management challenges from an ecosystem-based perspective. The course includes lecture, laboratory and seminar material; however, the focus of the curriculum is the development of student-directed group projects that enhance the management of regional ecosystems.

#### Outdoor Education

##### OED 105 - Introduction to Outdoor Education

**3 Credits** Students survey the Outdoor Education profession and methods used by outdoor educators. Topics commonly covered in the course include adventure education, environmental education, Native American studies, therapeutic and universal programming, and the interpretation of the biological and geological land base. Field experiences are integral to the course.

##### OED 131 - Outward Bound Course

**1 Credits** See Outdoor Education faculty or the Outward Bound website for more information.  
Course Fee.

**Connections Discipline:** Experiential

##### OED 180 - Outdoor Orientation Training

**1 Credits** This course is required for students who lead Outdoor Orientation trips. Students learn trip planning, effective use of outdoor equipment, minimum-impact

techniques, map and compass, and strategies for teaching backcountry skills. Students also explore personal leadership in an outdoor setting. Participation in weekly trip-planning meetings and completion of a CPR course are required. Graded S/U. Non-repeatable.

#### OED 181 - Outdoor Orientation Leader

**1 Credits** This academic credit is awarded to student leaders after they successfully lead their Outdoor Orientation trip. Student leaders are evaluated on the extent to which they fulfill expectations throughout the planning and implementation phases of their trips. Graded S/U. Repeatable.

**Prerequisites:** OED 180.

#### OED 210 - Inclusive Outdoor Education

**3 Credits** Students explore topics of inclusion in the profession of Outdoor Education. Topics may vary to take advantage of local and regional opportunities but the primary emphasis will be on the inclusion of people with impairments and disabilities in outdoor experiences.

Course Fee.

#### OED 221 - Group Process & Leadership

**4 Credits** Students learn and develop skills in group process management and leadership. Topics covered include group formation and development, norms, leadership, facilitation, conflict resolution and evaluation.

**Connections Discipline:** Social Science

#### OED 222 - Exploring the Human Animal Connection

**4 Credits** Students in this class explore, and consider, the ways in which humans interact with the animal world in the contexts of food, food production, habitat, environmental impact, and ethics. Topics include farming practices, hunting, and fishing.

**Connections Discipline:** Social Science

#### OED 224 - North Woods Pathways

**4 Credits** Students explore the rich history of paths and trails in the North Woods and throughout the world. Students survey the rich literature and traditions of walking while also hiking portions of some significant regional trails. This course involves keeping a journal and contemplating their path on the journey of life.

Course Fee.

**Connections Discipline:** Humanities

#### OED 237 - Woodcraft and Woodland Skills

**2 Credits** This course introduces skills and knowledge useful for living out-of-doors with minimal equipment. Students will experience how to use edged and self-made tools to manufacture items from the immediate surroundings. Skills will include fire by friction, shelter, edible plant identification, animal tracking, and other general woods-knowledge. Course Fee.

**Prerequisites:** Junior or Senior Standing, OED 221 and OED 276.

**Corequisites:** OED 324, OED 326, and OED 381.

#### OED 240 - Wilderness Emergency Care

**4 Credits** This introductory, foundations course focuses on the anatomy and physiology of major systems in health, injury, and disease to explain emergency care procedures in both the urban environment and the extended care context of the wilderness. Students study and practice diagnostic methods, problem solving, improvisation, risk management, and leadership.

#### OED 261 - Environmental Education Curriculum Review

**4 Credits** This course provides a broad survey of environmental education activities and practice from around the world. Course work prepares students to discuss the history, engage in current practices and develop effective programs in environmental education. This course meets environmental education requirements for teacher licensure in Wisconsin. Course Fee.

#### OED 270 - Facilitating Challenge Course Programs

**4 Credits** Students will study and apply educational theories and strategies underpinning the use of initiative activities and Challenge Courses for personal growth and team building. Students will facilitate peer and community based programs using initiative and challenge course activities to enhance group communication, conflict resolution, and problem solving skills. Course Fee.

#### OED 272 - Why Accidents Happen Theory and Analysis

**4 Credits** Are humans hard-wired to take risks? Does the structure and function of the human brain contribute to accidents? Why do many efforts to reduce accidents, paradoxically, result in more accidents? Students explore these and related questions through the lenses of organizational theory, psychology, sociology, neuroscience, and education. Numerous case studies provide context and practical experience in accident analysis.

**Connections Discipline:** Social Science

#### OED 276 - Foundations and Principles of Outdoor Education



**4 Credits** Students explore the historical and philosophical foundations of the diverse emphases and uses of outdoor and experiential education. Students develop their own philosophy of education along with strengthening their educational strategies and practice.

#### OED 279 - Access & Diversity

**3 Credits** Students study development of inclusive attitudes toward people with disabilities and other power-down members of society. Topics include an introduction to barrier-free outdoor programs, characteristics and needs of a variety of populations, and the use of activities to promote self-actualization.

Course Fee.

#### **Connections Discipline:** Social Science

#### OED 281 - Outdoor Orientation Steering Committee

**3 Credits** This credit-bearing experience is available to students who want to serve in a leadership role for the Outdoor Orientation program. The Steering Committee includes seven coordinatorship positions 5-day trips, Food, Equipment, Logistics, Public Relations, Sustainability, and Staff Training. Committee members work both individually and as a group to ensure a quality Orientation experience.

**Prerequisites:** OED 180.

#### OED 282 - Outdoor Education Practicum

**4 Credits** Students lead environmental education lessons at the Audubon Center of the North Woods and for Minnesota charter schools. Lessons are developed on the basis of field investigations and environmental education techniques and strategies. Peer evaluations of lessons are integral to the course.

#### OED 288 - Field Expedition & Investigation

**4 Credits** Students plan, coordinate, and lead a two-week field expedition to a National Park, Forest, Riverway, Wilderness Area, or site of cultural or scientific significance. The group defines a guiding question for the expedition, and individual students collect data and conduct research that helps them answer specific questions related to the central question. Presentations on the answers to these questions are integral to the course.

#### OED 289 - Spring Transition

**4 Credits** Primarily field ornithology and botany, this is a natural history course that includes surveys of life forms in a variety of plant communities. The course includes bird banding, herpetology surveys, plant keys, data collection, recognition of sounds, and observation techniques. The diverse Audubon Center property and the St. Croix River and Mississippi River drainages are the main focus.

Course Fee.

**Connections Discipline:** Experiential

OED 322 - Theory of Teaching Physical Skills

**3 Credits** Students study motor learning, or teaching/learning theory, as it applies to physical skills. The course includes the study of techniques for analyzing and classifying skills and movements, modification of activities as appropriate for students of various learning abilities, development of teaching progressions, theories of learning, and teaching techniques.

OED 324 - Water Skills & Water Travel

**5 Credits** Students study and practice essential elements of safe and efficient flat-water travel. The course focuses on the open canoe strokes, teamwork, portage techniques, risk recognition and management, trip planning, and leadership in a series of day, and multi-day trips.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** OED 221, OED 276, and 2 of the following Wellness Workshops SLC 0108-P, SLC 0109-P and/or SLC 0112-IP.

**Corequisites:** OED 237, OED 326, and OED 381.

OED 326 - Woodcraft, Land Travel, & Camping Skills

**5 Credits** Students learn and apply the essential knowledge and skills needed to backpack in the wild in a skilled and highly engaged manner. Topics covered include outdoor physiology and survival, equipment selection and use, navigation, food rationing, and sustainability in outdoor education.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** OED 221, and OED 276, and 2 of the following Wellness Workshops SLC 0119-IP, SLC 0107-P, and/or SLC 0125-P.

**Corequisites:** OED 237, OED 324, and OED 381.

OED 328 - Wilderness Writers & Philosophers

**4 Credits** Students explore the development of the idea of wilderness from the Pleistocene to the present. Course work includes readings, discussion, wild land experience field days, guest speakers, and reflection papers.

Course Fee.

**Prerequisites:** OED 221, and OED 276, or Instructor Consent.

#### OED 330 - NOLS Course

**1 Credits** National Outdoor Leadership School. Contact Outdoor Education faculty for information or see NOLS website for more information.

**Connections Discipline:** Experiential

#### OED 331 - Outward Bound Course

**3 Credits** See Outdoor Education faculty or the Voyageur Outward Bound website for more information.

**Connections Discipline:** Experiential

#### OED 332 - Winter Travel & Living Skills

**4 Credits** Students learn skills essential to travelling and living in winter environments, including Cross-country skiing and snowshoeing techniques. In addition, students study physiology, nutrition, equipment, ice safety, avalanche awareness, snow shelters, and traditional “hot tent” camping.

Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** OED 324, OED 326, OED 328, and OED 381.

#### OED 361 - Interpretive Program Design

**3 Credits** Students explore methods and strategies for designing and evaluating interpretive programs for the public. Topics include the use of firsthand experience, storytelling, displays, living history, nature trails, audio-visual materials, and publications to communicate the natural and cultural environments effectively and to interest a variety of audiences. Provides opportunities for peer teaching, individual and group presentations, and community outreach.

#### OED 362 - Apostle Island School Preparation

**0-1 Credits** Students meet over the winter term to begin planning for the May-term course, OED 363 - Apostle Islands School. The planning time is used to develop the teaching team; impart information about the schedule and logistics of Island School; inform students of the unique partnership and responsibilities associated with Northland College, Apostle Islands National Lakeshore and participating middle schools; access resources to learn more about the Apostle Islands; visit with participating schools; and, begin developing the three-day program to be implemented in May.

#### OED 363 - Apostle Islands School

**4 Credits** Students work with National Park Service Rangers to plan, deliver, and evaluate residential and day-long environmental education and outdoor education

activities in the Apostle Islands National Lakeshore for regional 6th and 7th graders. Lessons include Lake Superior, beach ecology, Northern forest ecosystems, sustainable tourism, wilderness travel, cultural history, shipwrecks, and much more.  
Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** OED 261 and OED 362.

OED 371 - Philosophy of Experiential Education

**3 Credits** Students examine the historical and current pedagogies of outdoor and/or experiential education. Topics include the basic premises of experiential education, its philosophical foundations, and an exploration of its strengths and limitations. Students are encouraged to develop a personal educational philosophy as well as strategies to experientially teach a variety of concepts, skills, and attitudes.

OED 378 - Adventure Programming & Leadership

**4 Credits** Students study and practice leadership techniques for individuals and groups combined with programming principles, including philosophy, needs assessment development, implementation and evaluation of recreational programs. Theory is applied through a series of actual programming experiences.

**Prerequisites:** OED 221.

OED 379 - Therapeutic Design

**4 Credits** Students examine outdoor education as it is used in a therapeutic context. The course exposes students to the use of goals, objectives, program design, and development for prescriptive programs. Students apply theory in cooperative partnerships with community agencies.

**Prerequisites:** OED 221.

OED 381 - Outdoor Education Teaching Techniques

**5 Credits** Building upon broad educational, psychological, social, and motor-learning theories, students gain knowledge of and exposure to a wide variety of teaching techniques used within the profession of outdoor education. Students apply new skills and knowledge through on-campus and community-teaching opportunities.

Course Fee.

**Prerequisites:** OED 221 and OED 276.

**Corequisites:** OED 237, OED 324, and OED 326.

OED 383 - Ecological Ecosystem Interpretation

**8 Credits** This course trains students to interpret the full ecology of an area including geological, animal, plant, human and meteorological factors. Emphasis is on field application of previous course work to make the on-campus, in-class experiences come alive. Field experiences include trips to northern Minnesota and such topics as fire ecology, hardwood and coniferous forests, prairies, plant and animal distribution, natural patterns in ecological systems, and present and historic human uses and effects upon the land. Students keep field interpretive journals, interpret from maps and other resources, and complete field projects.

#### OED 420 - Topics in Wilderness Emergency Care

**4 Credits** Students investigate selected topics in wilderness medicine with the emphasis on sports injuries, environmental illnesses, and areas of personal interest. Students learn about joint structure, how to assess and treat injuries to joints, and basic taping techniques.

Course Fee.

**Prerequisites:** WFR Certification or OED 240.

#### OED 424 - Outdoor Education Programming & Risk Management

**4 Credits** Students study the elements of quality program design and effective risk management for a wide range of outdoor education applications. When appropriate, students apply their design and risk management skills to programs within the broader community.

Course Fee.

**Prerequisites:** OED 324, OED 326, OED 328, and OED 381.

#### OED 425 - Advanced Topics in Natural History

**4 Credits** Students survey the rich field of Natural History. Topics include the Natural History essay, educators, and the use of Natural History in diverse education programs. Students also explore the use of Natural History in the creation of a meaningful and sustainable human-nature relationship. Students read widely in the field, engage in research and development of Natural History topics, and present their work to colleagues in the class and community.

Course Fee.

**Prerequisites:** Junior or Senior Standing, or Instructor Consent.

#### OED 430 - NOLS Semester

**12 Credits** National Outdoor Leadership School. Contact Outdoor Education faculty for information or see NOLS website for more information.

**Connections Discipline:** Experiential

#### OED 431 - Outward Bound Semester

**12 Credits** See Outdoor Education faculty or the Outward Bound website for more information.

**Connections Discipline:** Experiential

#### OED 437 - Universal Design Laboratory

**4 Credits** Students explore the application of inclusion and universal design to outdoor education in a laboratory style course. Students engage in individual projects designing curricula, equipment, or products to promote inclusion and to experience the practical implications of universal design within the outdoor education profession.

**Connections Discipline:** Experiential

**Prerequisites:** OED 324, OED 326, OED 328, and OED 381.

#### OED 439 - Therapeutic Principles & Practices

**4 Credits** Students explore current therapeutic applications and research in the field of outdoor education. Current literature and case studies are used to teach and apply a range of therapeutic principles and practices. The primary focus is on Adventure Therapy, but may vary with student interests. Students interested in working with at-risk or adjudicated adolescents in outdoor settings are encouraged to take this class.

**Prerequisites:** OED 276, PSY 110, and Junior or Senior Standing, or Instructor Consent.

#### OED 446 - Wilderness Instructor Training

**4 Credits** Students plan and participate in a 3-week-long wilderness expedition. While traveling by land or water, students study and practice navigation, cooking, campcraft, technical skills, risk management, group process, leadership, and teaching techniques. Course Fee.

**Connections Discipline:** Experiential

**Prerequisites:** OED 237, OED 324, OED 326, OED 381, and Instructor Consent.

#### OED 470 - Enduring and Emerging Issues in Outdoor Education

**3 Credits** This course explores multiple perspectives on key debates within the field. These include the role of technology in the wilderness, the value of motorized recreation, the trend of certification and accreditation, access for individuals with disabilities, the value of "virtual" adventure programs, the rights of organizations to restrict membership based on personal characteristics, and what it means for outdoor programs to be "sustainable."

**Prerequisites:** Junior or Senior Standing, or Instructor Consent.

#### OED 481 - Outdoor Orientation Student Director

**4 Credits** The Student Director assists the Outdoor Orientation coordinator by guiding the Steering Committee, implementing the outdoor leadership training program, overseeing the successful completion of Outdoor Orientation trips, coordinating outdoor trips with other on-campus Orientation activities, and maintaining communications with trip leaders and new students. This position requires participation in the trip planning and training class during the winter semester, availability for summer work-study employment, and program wrap-up and evaluation that extends into the first weeks of the Fall semester.

**Prerequisites:** OED 180.

OED 496 - Outdoor Education Capstone

**4 Credits** The Outdoor Education Capstone is a full-time, 10-12 week intensive teaching or leadership practicum within a professional outdoor education environment. It is intended to be a culminating opportunity for students nearing graduation to hone their teaching and leadership skills in a professional setting. The capstone may be taken after completion of the required Outdoor Education Professional Development block. Capstone experiences are chosen in consultation with and require approval from faculty in the Outdoor Education program.

Philosophy

PHL 225 - Ethics

**3 Credits** Students explore contemporary moral problems and their relationship to applicable ethical concepts and theories, such as right and wrong, moral agency and responsibility, moral value, law and morality, justification of ethical assertions.

**Connections Discipline:** Humanities

PHL 226 - Environmental Ethics

**3 Credits** Students study ethical responsibility with regard to the natural world and gain practical experience by investigating the ethical dimensions of current environmental issues.

**Connections Discipline:** Humanities

PHL 229 - Introduction to Philosophy

**3 Credits** Students study the fundamental questions, issues, and methods of philosophy. Specific topics include seminal ideas from philosophy of religion, philosophy of science, theories of knowledge (epistemology), ultimate reality (metaphysics), and moral philosophy (ethics).

**Connections Discipline:** Humanities

PHL 262 - Environmental Philosophy

**4 Credits** In this course students survey main areas of environmental philosophy including, environmental ethics, European environmental philosophy, ecofeminism, political ecology, and environmental aesthetics. Students explore and develop their own philosophical attitudes toward the environment and environmental issues.

**Connections Discipline:** Humanities

PHL 266 - Environmental Aesthetics

**4 Credits** Students explore how aesthetic values of nature inform environmental ethical decision making and how culture influences the way that individuals appreciate nature. Integral to the course is an examination of how underlying Western environmental aesthetic values compare to traditional Japanese aesthetics.

**Connections Discipline:** Humanities

PHL 270 - Philosophy of Science

**4 Credits** This course focuses on the philosophical thought associated with scientific revolutions and the scientific method specifically. Through discussions and readings, students examine the successes of modern science as well as critiques of its methods and philosophical underpinnings.

**Connections Discipline:** Humanities

PHL 282 - Contemporary Western Philosophy

**3 Credits** A survey of the major ideas and currents in western philosophy from the late 1800's through the 1900's. Areas will include analytic philosophy, existentialism, phenomenology, ordinary language philosophy, and neo-pragmatism.

**Connections Discipline:** Humanities

PHL 330 - Philosophy of Language

**3 Credits** In this class students will explore the meaning of meaning from various philosophical perspectives. Topics include sense and nonsense, rules, metaphor, the role of context, and the alleged limits of language. We will take a theme-based rather than a chronological approach.

**Connections Discipline:** Humanities

Physical Education

PED 133 - Water Safety Instructor

**2 Credits** Students analyze aquatic skills and hydrodynamic principles and develop teaching methods. Students who successfully complete the course earn American Red Cross certification to teach swimming lessons.

PED 202 - Sports Medicine



**3 Credits** Students study the causes, prevention, and treatment of sports injuries. They also gain practical experience in first aid, taping, and training techniques.

PED 240 - Sports Safety Training

**2 Credits** Students who successfully complete this course earn Red Cross certification at the advanced first aid level.

PED 300 - Theories & Techniques of Coaching

**3 Credits** Students develop an understanding of general coaching fundamentals as well as techniques for coaching specific sports. The course includes four hours of lab.

PED 301 - Musculoskeletal Anatomy

**4 Credits** This specialized course features an in-depth study of human skeletal, articular (joint), and muscular systems, including their structure, function, and interactions. Students develop conceptual understandings and explore applications, rather than memorize details.

PED 303 - Analysis of Human Performance

**4 Credits** Students study the principles of Exercise Physiology and their application to physical activities. Particular attention is given to bioenergetics, the physiology of muscular contraction, neural control and feedback mechanisms, and the application same.  
**Prerequisites:** PED 301.

PED 400 - Organization & Admin of Athletics

**3 Credits** Students study the organization of athletics and athletic teams; administrative problems of athletics in relationship to individual, school, community, and state; principles of officiating; the place of intramural and interscholastic athletics in the academic curriculum; and control and care of an athletic plant.

Physics

PHY 100 - Physical Science

**4 Credits** Students study the basic principles of physics, chemistry, geology, meteorology, and astronomy. Through the course, students acquire a broad understanding of concepts ranging from chemical reactions, electricity, and stellar evolution, to plate tectonics, projectile motion, and future sources of energy. This course includes lab experience with each topic.

**Connections Discipline:** Natural Science

PHY 104 - Introduction to Astronomy

**4 Credits** Students investigate general astronomical topics, including the solar system, stars, galaxies, coordinates in space- time, prediction of the position of celestial bodies, constellation identification, and celestial navigation.

**Connections Discipline:** Natural Science

PHY 110 - General Physics I

**4 Credits** Students apply a calculus-based approach to the topics of kinematics, dynamics, gravitation, and rotation. In the laboratory portion of the course, students collect, analyze, and graph data.

**Connections Discipline:** Natural Science

**Prerequisites:** Completion or concurrent enrollment in MTH 140.

PHY 111 - General Physics II

**4 Credits** Students apply a calculus-based approach to the topics of fluid mechanics, oscillations and waves, thermodynamics, and electromagnetism. The course requires a solid understanding of algebra, geometry, trigonometry, and calculus. In the laboratory portion of the course, students collect, analyze and graph data.

**Connections Discipline:** Natural Science

**Prerequisites:** PHY 110 and MTH 140.

PHY 211 - Introductory Modern Physics

**3 Credits** Students survey the basic concepts of modern physics, including special relativity, quantum mechanics, atomic physics, and elementary particles. Students in this course should have access to calculators capable of numerical integration.

**Prerequisites:** PHY 111.

PHY 306 - Classical Mechanics

**3 Credits** two-dimensional collisions, and Kepler's laws of gravitation. The course requires a combination of advanced mathematics and an understanding of fundamental physics.

**Prerequisites:** PHY 111 and MTH 141.

PHY 330 - Thermodynamics

**3 Credits** An advanced investigation of the laws of thermodynamics. Topics include gas laws, heat transfer, work, entropy, heat engines, the thermodynamic behavior of water and moist air.

**Prerequisites:** PHY 111 and MTH 141.

Psychology

PSY 110 - General Psychology

**4 Credits** Students integrate the natural and social sciences in the study of human psychology. Topics include history, systems, and methods of psychology; neuroscience; cognition, language, and consciousness; lifespan development; motivation and emotion; disorders and treatment; personality and social psychology. Special emphasis is placed on incorporating research from several areas in the analysis of specific topics such as aggression, health, and sexuality.

**Connections Discipline:** Social Science

#### PSY 130 - Evolutionary Psychology

**4 Credits** Students explore questions about the human mind and behavior in the tradition of Charles Darwin's comparative psychology work on the expression of emotions and William James' insistence of a comparative psychology. In the course, evolutionary science is applied to all areas of psychology including sensation, gender, perception, ecopsychology, sexual/mating behaviors/strategies, learning, memory, social dynamics, consciousness, language, and personality.

**Connections Discipline:** Social Science

#### PSY 140 - The Psychology of Human Relations

**4 Credits** This course provides an introduction to psychology, ecopsychology and sustainability. Because relationships define students' roles and ways of being in the world, the course also focuses on how students are affected by an assortment of relationships – including the natural environment. Students develop an understanding of how to develop a sense of self, deal with stress, and relate to society and the diversity therein.

**Connections Discipline:** Social Science

#### PSY 203 - Lifespan Developmental Psychology

**3 Credits** This course examines physical, cognitive, emotional, and social development over the lifespan, addressing theories and research on development and its influences what changes and what remains the same, how people differ in their development, and the nature of the stages we pass through.

**Connections Discipline:** Social Science

**Prerequisites:** PSY 110.

#### PSY 225 - Experimental Psychology

**3 Credits** Students apply the scientific method in psychology, including experience in preparing, performing, and reporting psychological experiments.

**Prerequisites:** PSY 110 and MTH 107.

#### PSY 231 - Ecopsychology

**3 Credits** This course is an introduction to the field of ecopsychology – its theory, practice and relevance in a time of ecological crisis. Students study the ecopsychological issues surrounding relationships to self, others, and the rest of nature. Students also explore the role of ecopsychology in promoting a transition to an ecologically sustainable self and society through an examination of personal, economic, and societal challenges to this transition.

**Connections Discipline:** Social Science

**Prerequisites:** PSY 110.

#### PSY 233 - Social Psychology

**3 Credits** Students explore the behavior and experience of the individual in a social and cultural context. Current theory and research are covered on core topics including the self, aggression, prosocial behavior, attraction and love, attitudes, prejudice, conformity, and group dynamics. Coursework is focused on applying social psychological principles and practices to current issues related to the environment, health, politics and the law. Students design and implement an independent research project.

**Prerequisites:** PSY 110.

#### PSY 234 - Theories of Personality

**3 Credits** Students survey theory and research in the study of the individual and examine the complex concept of “personality.” The course focuses on a variety of definitions for the term “personality” and their associations with traits, strengths and limitations, motivations, and experiences. Students engage in introspection and analysis as they apply personality theories to better understand their own and others’ personalities.

**Prerequisites:** PSY 110.

#### PSY 272 - Human Ecology

**4 Credits** Students study basic ecological principles and concepts related to health and psychology and explore humanity's place in the environment. Specific topics include the interrelationships of geographic, aesthetic, political, economic, social, and psychological factors. (Recommended BIO 234 - Ecology and/or SOC 341 - Sociology of the Environment)

Course Fee.

#### PSY 330 - Leadership for Change

**3 Credits** Drawing on psychological research at the level of the individual, group, and organization, the class focuses on leadership development and transformative practice as it applies to politics, business, social enterprise, and education. Topics include ethics, story-telling, charisma, systems thinking, crucible experiences, and visionary leadership, creativity, and transformation.

**Prerequisites:** OED 221 or PSY 233.

## PSY 346 - Abnormal Psychology

**3 Credits** Students study the history of abnormal psychology including classifications of deviant behavior, personality adjustment, assessment, and treatment modalities. In addition, students examine gender, social, and cross-cultural issues through critical analyses of what constitutes a psychological/psychiatric disorder.

**Prerequisites:** PSY 110.

## PSY 431 - Ecopsychology II Applied

**4 Credits** In this experiential course, students apply various ecopsychological techniques and participate in related activities. Both techniques and activities share the objective of precipitating closer and more intimate experiences of self, other, and the rest of nature. The implementation value and relevance of these techniques and activities is examined and critiqued from group, individual, gender, and cultural perspectives.

**Connections Discipline:** Experiential

**Prerequisites:** PSY 231.

## Religion

### REL 219 - The Nature of Religious Experience

**3 Credits** Students study the phenomena of religious experience, including mystical, contemplative and meditative expressions, and aesthetic and moral responses. Students read classic texts and biographies, and observe a variety of worship experiences and religious expressions.

Course Fee.

**Connections Discipline:** Humanities

### REL 220 - Myth & Ritual

**3 Credits** Students explore the ways myths shape the human search for meaning, study the narrative foundations of religions while recounting certain myths, and examine a variety of religious rituals as representations of myths in repeated, structured practices.

**Connections Discipline:** Humanities

### REL 229 - Idea of God

**3 Credits** Students explore the major monotheistic faiths of Judaism, Christianity and Islam. In addition, students critically examine major issues related to belief in God and the various ways to express those beliefs through the history, scriptures, and worship rituals of each religion.

**Connections Discipline:** Humanities

### REL 230 - Asian Religions & Philosophies

**3 Credits** Students study the history, beliefs and practices of the great religious traditions of Asia, focusing on Hinduism, Buddhism, Confucianism, Taoism, and Shinto.

**Connections Discipline:** Humanities

REL 231 - Buddhism

**3 Credits** Students survey Buddhist history and philosophy, focusing on the development of Buddhist thought and practice in India, sectarian schools, and the rise of Mahayana and Tantric Buddhism, monasticism, ethics, and meditation.

**Connections Discipline:** Humanities

REL 234 - Japanese Religious History

**3 Credits** Students explore the fascinating religious history of Japan. Beginning with pre-historic Japan and the early Chinese records, and continuing through to the present, students use indigenous and imported religious ideas as a lens to examine aesthetics, philosophy, environmentalism, and politics in Japanese society.

**Connections Discipline:** Humanities

REL 235 - Daoism Seminar

**4 Credits** Students in a seminar-format conduct an in-depth study of philosophical and religious Daoism, both in its development in China and Asia, as well as its expressions in the contemporary West.

**Connections Discipline:** Humanities

REL 257 - Death & Dying

**3 Credits** This course surveys issues related to death and dying, including religious responses to mortality and the search for enduring meaning. Students also explore contemporary cultural responses to death and dying including the phenomenon of grief and funeral practices. Study methods include field trips, film studies and current literature.

**Connections Discipline:** Humanities

REL 258 - Religion & Nature

**3 Credits** Students explore the religious dimension of our attitudes and actions regarding nature, including the idea of nature as sacred, the place of humans in the natural world, and ways religious insights seek to guide us in addressing environmental problems today.

**Connections Discipline:** Humanities

REL 270 - Religion & Human Rights

**3 Credits** Students engage in an exploration of the meaning and relevance of human rights in the world today assisted by the use of religious systems and case studies

**Connections Discipline:** Humanities

REL 273 - World Religions Foodways

**4 Credits** Using food as an entry point, students investigate the connections between food and religion in world religious traditions, focusing especially on how food rituals relate to religious myths, magic, healing, ethics, and doctrines. Assignments require reading, writing, classroom participation, and completion of a library or field project defined by the student.

**Connections Discipline:** Humanities

**Prerequisites:** Growing Connections Enrollment.

REL 315 - Christian Thought

**3 Credits** Students study the historical development of Christian thought focusing on core concepts, the defining debates and major theologians. Studies include the various ways Christians have articulated their understanding of God, the meaning of Jesus, the nature and destiny of life, and the sources and authority of Christian teachings.

**Connections Discipline:** Humanities

REL 330 - Islam

**3 Credits** Students study the origins and history of Islam and closely examine religious practices, philosophical and intellectual developments, and the social and cultural dimensions of this major world religion. Students also discuss the relationship of the religion to historical and contemporary conflicts.

**Connections Discipline:** Humanities

REL 331 - Zen Buddhism

**3 Credits** In this advanced, undergraduate seminar, students participate in a close, critical study of Zen Buddhist philosophy. The approach is to examine selected Zen Buddhist works in English and to compare and contrast the Zen Buddhist philosophical perspective with certain selected Western religious philosophies.

**Connections Discipline:** Humanities

Sociology

SOC 111 - Introduction to Sociology

**4 Credits** Students learn concepts and methods of sociology by studying the basic structure of social life, culture, group interaction, social institutions, stratification, power, and social problems.

**Connections Discipline:** Social Science

### SOC 130 - Workshop in Conflict Resolution

**4 Credits** An entry level course designed to familiarize students with the major questions and basic issues, concepts, and vocabulary associated with the study of peace and conflict resolution. Along with lectures, readings, and videos, students are given ample opportunity for practice and discussion of various methods of conflict resolution.

**Connections Discipline:** Social Science

### SOC 214 - Native Americans in Modern Society

**3 Credits** Students examine the current conditions of indigenous peoples of the Americas from a sociological perspective. The course emphasizes the modern forms of tribal organization, the impact of Federal Indian Policy, and the political and ethnic resurgence that has influenced indigenous individual and collective identity.

**Connections Discipline:** Social Science

### SOC 225 - Social Problems

**3 Credits** Students critically analyze the structural sources of American and global social problems through an examination of wealth, power, and the institutional arrangements that perpetuate poverty, injustice, war, environmental degradation, and racial and social inequality.

**Connections Discipline:** Social Science

### SOC 226 - Social Movements

**3 Credits** Students study the nature and forms of social change through an examination of social movements, collective behavior, and revolution.

**Connections Discipline:** Social Science

### SOC 234 - Sociology of Gender

**3 Credits** Students study the development, operation, and consequences of gender socialization, both male and female. The course focuses on comparisons of gender roles in various cultures and societies, and on the effects of gender on inequality, sexual orientation, values, and belief.

**Connections Discipline:** Social Science

### SOC 236 - Sociology of Sexuality

**4 Credits** This course is an overview of sexualities from a sociological perspective within the context of the United States, with some cross cultural comparisons. Students study how sexuality is socially constructed and focus on how people become sexual beings, understanding sexual identities, sexual subcultures, sexual “deviance”, and the sex for profit industry.

**Connections Discipline:** Social Science



## SOC 240 - Cultural Ecology

**3 Credits** This course focuses on how humans have gathered and distributed food throughout history. Students examine the consequences of various methods of food production on the other aspects of culture, such as religion, politics, and inequality. They also examine human-nature interactions and conceptions of nature found in various cultures that are a result of human food production methods.

**Connections Discipline:** Social Science

## SOC 260 - Sociology in the Lake Superior Watershed & the World

**4 Credits** In this introduction to sociological reasoning, students objectively interpret patterns of social life both within and outside of the Lake Superior watershed as a means to understanding, explaining, and predicting how people behave and how societies change. Through the systematic examination of social variables, students come to understand their place in the world and how the world around them shapes their behavior.

**Connections Discipline:** Social Science

**Prerequisites:** Enrollment in Superior Connections.

**Corequisites:** XSS 215.

## SOC 284 - Sociology of Religion

**3 Credits** An investigation of the role of religion in human society, including the varieties of religious organizations, the function of religion and religious movements in the modern world, and the relationship of these phenomena to other attributes of social organization such as ethnicity and social class. Consideration of new religious movements such as New Age, ecofeminism, and spirituality. The role of religion as a source of both social conflict and cohesion will be considered so that the religious dimension in compelling social issues such as poverty and war may be understood.

**Connections Discipline:** Social Science

## SOC 301 - Mass Media & Popular Culture

**3 Credits** Students examine the relationship between media productions and society through the comparative study of Western and non-Western film, music, television, print media and radio. Sociological analysis of how mass media and popular culture affect social structure, organization, behavior, and identity is a focus.

**Connections Discipline:** Social Science

## SOC 302 - Sociology of Culture

**3 Credits** Students examine the links between culture, modernity, and post modernity through the analysis of cultural productions, power, moral discourse, the audience, etc. in a variety of Western and non-Western societies.

**Connections Discipline:** Social Science

**Prerequisites:** SOC 111.

### SOC 315 - Sociology of Community

**3 Credits** Students study urban, rural, and intentional communities with an emphasis on the nature of community, place, neighborhood, development, and change.

**Connections Discipline:** Social Science

### SOC 332 - Crime, Deviance, & Social Justice

**3 Credits** Students examine the social construction of the law, the courts, crime, imprisonment, and justice. The course emphasizes the differential application of the law, the myths of crime and deviant behavior, and the uses of the legal system for political and social ends.

**Connections Discipline:** Social Science

### SOC 336 - The Nature of Social Inequality

**4 Credits** Students analyze the major forms of socially structured inequality in American society, emphasizing how wealth, power, and life chances affect different racial, ethnic, indigenous, gender, and national groups.

**Connections Discipline:** Social Science

### SOC 338 - Political Sociology

**3 Credits** Students study political phenomena including power, parties, and the early and modern states, including their relation to region, social class, ethnicity, and the global community. (SOC 336 - The Nature of Social Inequality is recommended preparation for this course.)

**Connections Discipline:** Social Science

### SOC 341 - Sociology of the Environment

**3 Credits** Students study the challenges, societal impact, and organization of environmental groups and movements with an emphasis on contemporary issues, tactics, and ideologies.

**Connections Discipline:** Social Science

### SOC 342 - Australian & New Zealand Culture Preparation

**0 Credits** This is a preparatory course for students who enroll in SOC 343 - Australian & New Zealand Culture, a May-term travel course.

**Prerequisites:** Instructor Consent.

### SOC 343 - Australian & New Zealand Culture

**4 Credits** Students study environmental and social issues in Australia and New Zealand while traveling in the regions and among the cultures associated with the issues. Specific

sites visited during the course include the Sydney Opera House, the Blue Mountains, the Great Barrier Reef, the Bay of Islands, Mt. Cooke, and the Daintree Rainforest—the only Cultural and Natural World Heritage site in the world.

Course Fee.

**Connections Discipline:** Experiential or Social Science

**Prerequisites:** SOC 342 and Instructor Consent.

SOC 368 - Sociology of Global Change

**3 Credits** Students analyze and interpret the global change process through a review of the theories and data regarding significant trends in population, modernization, and development in the United States and the world.

**Connections Discipline:** Social Science

SOC 370 - Social Science Research Methods

**4 Credits** Students study methods used in Social Science research, including surveys, interviewing, ethnography, participatory action, content analysis, and secondary analysis. Students also apply basic statistical concepts to real social issues through the use of computer assisted statistical packages such as R or SPSS. Finally, students apply their new knowledge and skills by completing research projects and presenting them to the class.

**Prerequisites:** MTH 107.

SOC 374 - Human Rights & Social Justice

**3 Credits** Through written texts, videos, and personal life stories, students explore how groups have been denied basic human rights. Additionally, students learn about the numerous methods groups have used to gain human rights. Finally, students research, using the case study method, one group and their struggle to achieve human rights.

**Connections Discipline:** Social Science

**Prerequisites:** IDS 105.

SOC 448 - Sociological Theory

**3 Credits** Students survey sociological theory from pre-modern times to the present. The course emphasizes the contributions of classical theorists to contemporary sociological practice.

SOC 472 - Advanced Justice Studies

**4 Credits** Students read, discuss, and debate numerous theoretical perspectives concerning justice and apply them to specific topical areas related to the instructor's expertise.

**Prerequisites:** IDS 105 and SOC 111.

## SOC 488 - Capstone in Sociology & Social Justice

**4 Credits** This course provides students with the necessary skills to complete a Social Science research project of their choosing. The course is a seminar in which students read and discuss social science research. Additionally, students complete a project of their choosing with the guidance of the professor and other students in class.

**Prerequisites:** SOC 370.

## Sustainable Community Development

### SCD 110 - Introduction to Sustainable Community Development

**4 Credits** This course provides a background and framework for sustainable community development based on a participatory model. Conceptual learning complements the acquisition and practice of participatory community development skills and project planning through involvement in real-life group projects.

**Connections Discipline:** Social Science

### SCD 142 - Renewable Electricity

**2 Credits** This course provides an introduction to electrical concepts as applied to renewable energy systems. Students study voltage, current, resistance, power and energy as they apply to solar and wind energy systems. Students also gain hands-on experience wiring, testing, and measuring the electrical performance of photovoltaic (PV) panels and wind turbines.

### SCD 144 - Introduction to Photovoltaic (PV) Systems

**3 Credits** Students study grid-tied and off-grid photovoltaic systems. Topics include solar cells, modules and arrays, site surveys and assessment, batteries, charge controllers, inverters, system sizing, mechanical and electrical integration, utility interconnection, and system cost analysis.

**Prerequisites:** SCD 142.

### SCD 145 - Introduction to Wind Energy Systems

**3 Credits** Students assess the global energy picture; analyze the causes of wind and wind flow properties; explore small, medium and large wind turbine designs; assess the environmental effects of wind turbines; perform business and site assessments for a wind turbine project, plan a wind turbine project, evaluate operation and maintenance of the turbine system, and future of wind energy.

**Prerequisites:** SCD 142.

### SCD 146 - Photovoltaic (PV) Installation and Maintenance

**2 Credits** Students learn how to correctly and safely install and configure complete PV systems. Participants identify and interpret NEC codes that pertain to the installation. Component selection, system sizing, monitoring, and troubleshooting are emphasized.  
**Prerequisites:** SCD 144.

#### SCD 147 - Wind Energy System Installation and Maintenance

**3 Credits** In this hands-on course students learn how to correctly and safely install and configure a wind energy system consisting of a tower, wind turbine, electrical inverter and associated disconnects. Participants identify and interpret NEC codes that pertain to the installation. Component selection, system sizing, monitoring, and troubleshooting are emphasized.  
**Prerequisites:** SCD 145.

#### SCD 160 - Green Building & Renewable Energy

**4 Credits** This course offers an introduction to the science of renewable energy and green building design. Topics include an overview of the principles of energy production, an in depth investigation of various forms of renewable energy and their associated environmental impacts, and design considerations for creating affordable, energy-efficient, environmentally-sound buildings.  
**Connections Discipline:** Interdisciplinary

#### SCD 210 - Social Marketing & Environmental Communication

**3 Credits** This course prepares students for the types of communication demanded by community action. These communications include editing, designing, and layout of newsletters, writing memos, grant writing, and organizing and presenting public events and community meetings.  
**Prerequisites:** Minimum of Sophomore Standing.

#### SCD 220 - Sustainable Community Planning

**3 Credits** This course introduces students to the community planning process. Topics covered include the components of long-and short-term plans for communities, how to optimize land use, how to deal with proposed facilities for a community, transportation systems in communities, urban and rural community design, among others.

#### SCD 230 - The Political Process

**3 Credits** This course introduces students to the political process. It examines how demands are formulated and conducted through the political system. Areas at issue in this course are political culture, socialization and public opinion formation, interest group and social movement activism, electoral processes, political parties and partisan politics, bureaucracy, and the policy process.  
**Connections Discipline:** Social Science

## SCD 270 - Crossroads Thinking Problem Solving for the 21st Century

**3 Credits** Part of the Center for Ecological Living and Learning (CELL) semester abroad programs, this course combines elements of critical and creative thinking and helps students to develop skills in questioning, imagining possibilities, exploring opportunities, analyzing alternatives, synthesizing ideas, and evaluating thought. Through a variety of course activities, students identify essential intellectual traits, question long-held assumptions or biases, evaluate ideas, reason honestly and open-mindedly, problem-solve, and form objective conclusions.

**Connections Discipline:** Experiential and Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

## SCD 271 - Service Learning Sustainability Through Community

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, students apply learning from their academic studies to real-life sustainable solutions adopted by their host communities. Students work with community partners to create appropriate and innovative solutions to environmental, economic, cultural, and social challenges. Specific projects are determined by the needs of the local community.

**Connections Discipline:** Experiential

**Prerequisites:** Admittance to CELL Program.

## SCD 272 - Sustainability Secrets of Simplicity

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this interdisciplinary course focuses on innovative strategies and programs in the United States and Central America that address issues threatening global sustainability. Through the study of these strategies and programs, students explore how they might incorporate sustainable practices into their own lives as well as how the principles of voluntary simplicity might contribute to sustainability. The course includes service-learning experiences with organizations such as Heifer International, Group Fenix, Association ANAI, and Kekoldi.

**Connections Discipline:** Experiential and Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

## SCD 274 - Human Ecology Relations Between Humans and the Environment

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course explores the question, "What is the appropriate relationship of human beings to the earth?" To facilitate this exploration, students study specific human and ecological issues facing the people and environments of Costa Rica, Honduras, and Nicaragua. Field trips, inquiry-based learning, and service learning are integral to the course.

**Connections Discipline:** Experiential and Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

### SCD 276 - Global Warming, Changing Course Lessons from Iceland

**3 Credits** Part of a Center for Ecological Living and Learning (CELL) semester abroad program, this course surveys the complexities of global warming, examines human participation in this ecological crisis, and explores personal and collective actions that might shape effective responses to climate change. The course also introduces students to Iceland's unique geology and provides inspiring examples of how Iceland is utilizing carbon-free geothermal resources for heating and electricity production.

**Connections Discipline:** Experiential and Interdisciplinary

**Prerequisites:** Admittance to CELL Program.

### SCD 310 - Methods of Sustainable Community Development

**3 Credits** This course introduces students to the variety of methods utilized in sustainable community development by exploring how these methods have been used in various communities, both nationally and internationally.

**Prerequisites:** Completion of a Connections Block.

### SCD 330 - Systems Thinking

**3 Credits** This course introduces students to the variety of methods utilized in sustainable community development by exploring how these methods have been used in various communities, both nationally and internationally.

**Prerequisites:** Completion of a Connections Block.

### SCD 422 - Capitalism, Justice, & Sustainability

**3 Credits** This course explores the ways that capitalism as it is currently practiced is unsustainable. Additionally, students explore alternative models of economic development.

**Prerequisites:** BUS 226.

### Wellness Workshops

#### SLC 0001-MP - Karate

**0 Credits** This workshop is an introduction to the art of Karate. Participants will learn basic techniques and gain exposure into a fun and unique art.

**Connections Discipline:** Physical, Emotional

#### SLC 0002 - Attending a Professional Conference

**0 Credits** This workshop is designed to help students meet a Wellness requirement by attending a professional conference. Must be at least one day long. Please note, you are responsible for choosing a conference and for all expenses. You may want to consider applying to the Parsonage Fund for financial support at

<http://www.northland.edu/student-life-resources-personage-fund.htm>.

**Connections Discipline:** Any

SLC 0004-C - Leadership in Action

**0 Credits** This training is recommended for students who are interested in pursuing leadership roles on campus and off. During the two sessions, participants will have opportunities to role-play and practice skills in three areas group process and communication, conflict management and assertiveness, and power dynamics and peer leadership.

**Connections Discipline:** Social

SLC 0005-E - Animal Tracking (Ecological)

**0 Credits** In this workshop students will gain foundational skills in the art and science of animal tracking. Gaits, tracks shapes, and tracking tools will be covered.

SLC 0006-CI - Digital Photography Basics (Intellectual, Social)

**0 Credits** Participants will begin by learning the basics of what makes for good photo composition, as well as basic variations composition. Included in this will be basic fixes such as cropping, straightening, and lighting adjustment. They will learn about the basics of their own digital cameras. We will take a field trip to test out various methods. Class will conclude with a peer critique session.

SLC 0007-CP - Bowling for Life (Physical, Social)

**0 Credits** Students will learn about the history of bowling, bowling terms, how to score, proper form, bowling ball fit, and the inner workings of league play. Class meets at Monk's Lanes in Ashland. No class on 2/14 or 3/6.

SLC 0008-EI - The Casual Birder

**0 Credits** This workshop tackles birding at its most basic level, the casual birder. You'll learn how to form search patterns using hands-on activities, learn to use field guides and binoculars, and spend time observing birds. Natural history, habitat and ecology, behavior, and conservation concerns/measures will be introduced as it relates to local birds.

**Connections Discipline:** Ecological, Intellectual

SLC 0009-S - Area Worship Service Tour

**0 Credits** This workshop is designed to give students opportunities to visit 5 different area places of worship in various Christian traditions present in the Chequamegon Bay area. Each week we will visit a different worship community. Following the service we will visit with a community leader versed in the traditions and unique aspects of the



specific tradition while sharing a Sunday lunch.

**Connections Discipline:** Spiritual

#### SLC 0010-EIP - Cooking for Community

**0 Credits** We will concentrate on building the skills and confidence to have fun in the kitchen. Each class will feature a specific dinner party theme and we will prepare the meal from beginning to end, and then sit down to eat together. Students will be asked to do some cooking outside class and exchange recipes and ideas with classmates.

**Connections Discipline:** Ecological, Intellectual, Physical

#### SLC 0011-C - Do the Right Thing

**0 Credits** This workshop will be geared towards the Ethical Leadership and Active Citizenship Level I participants, but can also be a Wellness workshop available to all students.

**Connections Discipline:** Social

#### SLC 0012-E - From Sap to Syrup

**0 Credits** Learn the process of maple syruping from sap to syrup. Students will tap trees, collect sap, boil, finish processing, and can maple syrup. Take home a sample of your hard work. Dress warmly and be prepared to get dirty!

**Connections Discipline:** Ecological

#### SLC 0013-EI - High-Tech Treasure Hunting

**0 Credits** Geocaching is a treasure hunt using modern technology! Learn the complete ins and outs of Global Positioning Systems (GPS) and how to use them for the sport of geocaching. Find local caches and learn how to place your own. GPS pervades our society. Why not learn how to use it for fun? We will all use the Wellness program's Garmin eTrex GPS units.

**Connections Discipline:** Ecological, Intellectual

#### SLC 0014-V - Interview Workshop

**0 Credits** Interviews make or break your chances at landing your desired internship or job. Prepare and practice in interviewing sessions and get constructive feedback from professionals about what they are looking for at an interviewing session.

**Connections Discipline:** Vocational

#### SLC 0015-V - Job & Internship Network & Search

**0 Credits** Students will learn the art of networking, both face-to-face and through LinkedIn and how to conduct a job and/or internship search in their field of interest. Topics to be covered include making and managing contacts, everything you need to

know about internships, completion of a resume and how to search and apply for employment and internships, including the federal job and internship process and steps.

**Connections Discipline:** Vocational

#### SLC 0016-C - Music as an Agent for Social Change

**0 Credits** This workshop will provide an understanding of the intercommunity conflict in northern Ireland and illustrate how music was used as a facilitator for change and understanding within and between communities during the conflict. We will use this experience to apply to other cultural conflict and how the arts in general and music specifically can be used to create bridges between individuals and communities.

**Connections Discipline:** Social

#### SLC 0017-P - Snowshoeing

**0 Credits** Students will learn the basics of snowshoe technique and care, as well as the different styles of snowshoes. Participants will also go on a one-day snowshoe excursion.

**Connections Discipline:** Physical

#### SLC 0018-I - Climbing Wall Leadership & Mgmt

**0 Credits** Participants will learn the climbing, safety and management skills necessary to run a top-rope indoor climbing wall. Those interested in a leadership position at the Northland College indoor climbing wall must pass a skills assessment test. Pre-requisites Participants should have prior climbing experience and an interest in teaching and facilitating users of the wall.

**Connections Discipline:** Intellectual

#### SLC 0019-N - Personal Wealth Basics

**0 Credits** Socially responsive and responsible strategies for wealth creation based on entrepreneurial thinking and voluntary simplicity. Consider this a basics of business planning workshop.

**Connections Discipline:** Economic

#### SLC 0020-N - Introduction to Ecological Economics

**0 Credits** Economics is often the most underdeveloped area of sustainability studies, yet economic systems can be powerful forces for positive change. This workshop will provide the principles of ecological economics in contrast to neoclassical economic theory. Through discussion, videos and games we will explore ecological economics in practice.

**Connections Discipline:** Economic

#### SLC 0022-IV - Wilderness First Responder Re-Cert

**0 Credits** The Recertification course is open to graduates of all wilderness training courses of 64 hours or longer with a current Wilderness First Responder certification. Successful graduates of this course will receive Wilderness Medical Associates' Wilderness First Responder, Anaphylaxis, and BLS/Healthcare Provider-level CPR certifications. WMA-WEMT graduates with a current EMT-B or Paramedic certificate may also recertify the wilderness portion of their WEMT with this course.

**Connections Discipline:** Intellectual, Vocational

SLC 0029-CP - Aerobic Explorations (Physical, Social)

**0 Credits** A beginner to moderate course. Students will participate in multiple types of aerobics. Students will understand multiple body connections through the incorporation of aerobics. They will learn and understand goal setting as well as monitoring body during exercise, and developing an appreciation for a healthy lifestyle. This course will include team workouts and social interactions. It will examine all types of aerobics and include an analysis of the culture and psychology involved in and around the activity. Students should wear comfortable clothes and proper shoes for working out. Students are required to bring a notebook to each session of this workshop.

SLC 0100-FYE - First Year Experience (FYE)

**0 Credits** The First Year Experience (FYE) program is designed to engage new Northlanders in the richness and diversity of student life. Participation in an Outdoor Orientation trip kicks off the program, which continues through the first half of the semester. First-year students participate in a variety of planned events and activities both on campus and in the local region. These events and activities are built around the five aspects of Northland's co-curricular program, Dimensions. These areas - Wellness, Life-Long Learning, Ethical Leadership and Service and Stewardship - shape the programming provided by Student Life.

SLC 0101-MP - Budo Taijutsu

**0 Credits** Budo Taijutsu is a traditional Japanese martial art for the protection of self and others. Students will learn how to roll, break-fall, escape attacks, joint locks, and various weapons. This course is open for both students who are interested in starting Budo Taijutsu as well as students who have already taken the beginning class and want to continue their learning and begin to explore the spiritual and intellectual dimensions of Budo Taijutsu.

**Connections Discipline:** Physical, Emotional

SLC 0102-P - Telemark Skiing

**0 Credits** Telemark skiing, also known as free heel skiing, is a skiing technique based on using the telemark turn. Learn this graceful and fluid form of skiing that originated in the 19th century in Norway. Telemark skiers use gear very similar to alpine skiers, except for the binding, which only connects the boot to the ski at the toes, just as in cross-country

skiing. All levels welcome, beginner to expert.

**Connections Discipline:** Physical

#### SLC 0103-P - Basic Self Defense

**0 Credits** Basic instruction related to mental and physical preparation needed to survive violent encounters. Emphasis will be placed on mindset (both victim and perpetrator), awareness, physical security measures, and will include scenario-based training.

**Connections Discipline:** Physical

#### SLC 0105-IP - Downhill Skiing

**0 Credits** Students will learn and improve upon the basic skills of alpine skiing in a safe and fun program. Open to all skiing abilities from first-time to advanced skiers.

**Connections Discipline:** Physical, Intellectual

#### SLC 0106-IP - Snowboarding

**0 Credits** Students will learn and improve upon basic snowboard skills in a safe and fun program. Open to all snowboarding abilities from first-time riders to intermediate riders.

**Connections Discipline:** Physical, Intellectual

#### SLC 0107-P - Backpacking - Foundational Skills

**0 Credits** This workshop covers the skills needed to plan and take part in an overnight backpacking experience and includes minimum impact camping, navigation, cooking, natural history, and other pertinent skills.

**Connections Discipline:** Physical

#### SLC 0108-P - Coastal Kayaking - Foundational

**0 Credits** This workshop introduces novice paddlers to the skills and knowledge necessary to kayak successfully and safely in easy to moderate open water conditions.

**Connections Discipline:** Physical

#### SLC 0109-P - Whitewater Kayaking - Foundational

**0 Credits** This workshop introduces participants to the river environment via a decked whitewater boat (kayak or C-1). Emphasis on gaining solid understanding of river currents, maneuvering the craft, and safety/hazard concerns.

**Connections Discipline:** Physical

#### SLC 0110-P - Shimmy Borealis Intro Belly Dance

**0 Credits** Bringing the dance of the desert to the Northwoods! This introductory class builds from simple isolations, interweaving movement, culture, laughter, and a darn good

workout. No experience or particular gender required.

**Connections Discipline:** Physical

#### SLC 0111-IP - Lindy Hop - Introduction

**0 Credits** Lindy Hop is the most popular form of swing dance in the modern era. What started in the 1930s continues today, more vibrant than ever. In this workshop, we'll teach you sound fundamentals while building a solid repertoire of moves that you can put to use on the social dance floor. We'll also learn about the history of the dance, including important dancers, jazz styles, and different variations of swing dancing.

**Connections Discipline:** Physical, Intellectual

#### SLC 0112-IP - Canoeing - Foundational Skills

**0 Credits** This workshop is designed to give students a basic understanding of canoeing. Topics will include equipment, strokes, boat control, river dynamics, safety, and rescues. Class will meet four times using the indoor pool and Long Lake.

**Connections Discipline:** Physical, Intellectual

#### SLC 0113-P - Golf (physical)

**0 Credits** Students will develop a basic understanding of golf rules, regulations, and etiquette.

#### SLC 0115-PS - Hatha Yoga

**0 Credits** This workshop is an introduction to Integral Hatha Yoga which uses poses to balance the body, breathing practices, meditation, and chanting.

**Connections Discipline:** Physical, Spiritual

#### SLC 0117-MP - Weight Lifting for Women

**0 Credits** An introductory course to acquaint women with the proper use and techniques for using free weights. Learn how to get a full body workout, how to tailor workouts to personal goals, and how to maximize the mind-to-muscle connection.

**Connections Discipline:** Physical, Emotional

#### SLC 0119-IP - Wilderness Navigation

**0 Credits** Students will become proficient in land-based navigation techniques including topographic map reading, compass use, GPS basics, following a bearing, lost-proofing, and other orienteering skills.

**Connections Discipline:** Intellectual, Physical

#### SLC 0120-P - Disc Golf

**0 Credits** This is a 6 week athletic workshop covering the many aspects of disc golf. Stretching, form, grip, technique, strategy, rules and etiquette will be addressed.  
**Connections Discipline:** Physical

#### SLC 0121-IP - Advanced Whitewater Kayaking

**0 Credits** For students with experience and capability in kayaks on rivers up to class II. Students should come to this course with a reliable pool roll. We'll explore rescue options, paddle technique, and work on maneuvers for use on class III-IV whitewater, as well as instructor and teaching considerations for leading others on the river. This course will offer you American Canoe Association Whitewater level training. Students should have prior river kayaking experience, preferably with completion of a beginner whitewater course.

**Connections Discipline:** Physical, Intellectual

#### SLC 0122-P - Lifeguard Training

**0 Credits** Red Cross certification for successful completion -- covers rescue techniques, etiquette, pool maintenance.

**Connections Discipline:** Physical

#### SLC 0123-P - Personal Wellness Planning

**0 Credits** This workshop will help you gain an understanding of personal wellness or performance planning and you will complete a personal plan.

**Connections Discipline:** Physical

#### SLC 0124-P - Core Workout

**0 Credits** A workout to increase core strength, this workout will target abdominals while engaging legs, butt, thighs and back to increase ab strength. All levels welcome; no experience needed.

**Connections Discipline:** Physical

#### SLC 0125-P - Rock Climbing - Foundational Skills

**0 Credits** Workshop is designed to give students a basic understanding of rock climbing. Topics will include necessary equipment, climbing technique, top-rope climbing, belaying, anchors, bouldering, and spotting. Class will meet four times using the indoor climbing wall as well as Bob Rock.

**Connections Discipline:** Physical

#### SLC 0126-P - Discover Scuba

**0 Credits** This workshop is an introduction to scuba diving. Students start by learning basic safety concepts and use of scuba equipment. Each student will practice underwater

diving skill under the direction of a certified instructor.

**Connections Discipline:** Physical

SLC 0127-MP - Transform with Pilates & Journaling

**0 Credits** Master Pilates & journaling techniques to boost energy, increase focus, and create balance from the inside out. The power of movement and writing is accessible to everyone; no special talent, skills, or experience required. All journals remain private.

**Connections Discipline:** Emotional, Physical

SLC 0128-IP - Open Water Scuba Certification

**0 Credits** This workshop is a PADI Open Water Scuba Certification program. It is a continuation of the the Discover Scuba workshops. Students learn safety concepts and use of scuba equipment. Each student will practice underwater diving skill under the direction of a certified instructor both in the pool and a nearby lake.

**Connections Discipline:** Intellectual, Physical

SLC 0129-P - Varsity Volleyball

**0 Credits** Participation and completion of one season of playing on the Northland College varsity volleyball team.

**Connections Discipline:** Physical

SLC 0131-IP - ACA Coastal Kayaking IDW

**0 Credits** The IDW presents you with the skills and knowledge required to become a professional paddling instructor. This includes the development of your teaching skills through classroom instruction and feedback sessions, and honing your paddling skills via intensive on-water sessions.

**Connections Discipline:** Intellectual, Physical

SLC 0134-EP - Mountain Biking

**0 Credits** Learn the essentials of mountain biking including safety, basic mechanics, basic bike handling skills, terrain reading, problem solving and career options.

**Connections Discipline:** Ecological, Physical

SLC 0135-E - Outdoor Orientation Trip Leadership

**0 Credits** Students go through a process of planning in Sunday meetings, Fall staff training, and trip leadership.

**Connections Discipline:** Ecological

SLC 0138-M - Stress Management Techniques

**0 Credits** A series of educational sessions to introduce various experiential methods of stress management, including time management, relaxation techniques, mindfulness, journaling, alternatives including aromatherapy, food/nutrition for lowering stress, and more.

**Connections Discipline:** Emotional

#### SLC 0139-I - Weaving Your Own Snowshoes

**0 Credits** For this two-day workshop, participants will be provided with pre-bent snowshoe frames that will need chiseling for the crossbars and lacing. This will still give the participants a chance to use wood working tools and shuttles. Handouts will be provided and in-depth discussions on styles, uses, history and stories will be shared and discussed.

**Connections Discipline:** Intellectual

#### SLC 0140-I - Build Your Own Wooden Toboggan

**0 Credits** Build a snow craft of ancient origins. For this two-day workshop, participants will spend the first day learning about the type of wood being used while preparing their staves for steam bending. For assembly on the second day, participants will attach cross bars using hand peened copper rivets along with the rope and any other final touches. Everyone will leave this workshop with a finished 8-10' long toboggan of their own.

**Connections Discipline:** Intellectual

#### SLC 0142-IV - Wilderness First Responder

**0 Credits** WFR is the ideal medical training for outdoor educators, guides, SAR team members, and others who work or play in remote areas. The curriculum is comprehensive and practical, including the essential principles and skills required to assess and manage medical problems in isolated and extreme environments.

**Connections Discipline:** Intellectual, Vocational

#### SLC 0143-I - Meditation & Mindfulness

**0 Credits** Learn and practice the technique of sitting and walking meditation. Tranquility Meditation uses the breath as a focus for calming mental activity. Class can be repeated to get additional practice time and deepen the meditative experience.

**Connections Discipline:** Intellectual

#### SLC 0144-N - Money 101 Manage Money for Life

**0 Credits** An online workshop including interactive modules for student examination and engagement around the theme of money management. Topics include financial basics, paying for college, money management during and after the college years.

**Connections Discipline:** Ecomomic



#### SLC 0145-I - Time Management & Study Skills

**0 Credits** This workshop will explore a variety of skills to improve study habits and time management. Participants will examine their own style of learning, organizational habits, note taking, and test preparation.

**Connections Discipline:** Intellectual

#### SLC 0146-S - Prayer and Contemplation

**0 Credits** Student participants will explore methods of prayer and contemplation from different Christian traditions.

**Connections Discipline:** Spiritual

#### SLC 0147-V - Gearing Up for Graduate School

**0 Credits** Students will learn about the application process, tips on choosing schools, test dates, prep, importance of volunteer work, resumes, cover letters, etc. Guest presenters will include Northland College professors in various fields.

**Connections Discipline:** Vocational

#### SLC 0148-V - Getting Your Foot in the Door

**0 Credits** By identifying your career interests, developing self-promotional skills and then shadowing "an expert" in the field, get a jump up on your future -- today!

**Connections Discipline:** Vocational

#### SLC 0149-CPV - Outdoor Orientation Leader Training

**0 Credits** A half-semester workshop which includes 2 field experiences and once-a-week classroom work, and covers technical wilderness skills, group dynamics, facilitation, risk management, etc.

**Connections Discipline:** Social, Physical, Vocational

#### SLC 0151-SV - What Matters Most - Meaningful Life

**0 Credits** Who am I? What are my gifts? What is my purpose? In this workshop, students will explore vocation making a meaningful life through the use of film, literature, and self-discovery.

**Connections Discipline:** Spiritual, Vocational

#### SLC 0152-C - Residential Life Staff Training

**0 Credits** A 3-week training for Residential Life student staff covering skills such as personal boundaries, communication, conflict resolution, crisis management, time management, facilitating healthy living communities, and basic fire safety.

**Connections Discipline:** Social

#### SLC 0153-CI - Academic Tutor Training Program

**0 Credits** A comprehensive training program encompassing on-line and in-class learning components to prepare students for campus-based peer academic tutor positions. Will cover educational learning styles, positive reinforcement, active listening, and more.

**Connections Discipline:** Social, Intellectual

#### SLC 0154-CI - Facilitative Leadership Workshop

**0 Credits** Participants will be introduced to a comprehensive model for facilitation including skills, strategies, and practice. This course will fulfill Level 2 training in Ethical Leadership and Active Citizenship. For more information, go to [www.journeyofcollaboration.com/](http://www.journeyofcollaboration.com/).

**Connections Discipline:** Social, Intellectual

#### SLC 0155-S - Zen Meditation

**0 Credits** Sitting meditation (Zazen) for the Northland community with previous experience in silent, still meditation. Minimum instruction provided -- our primary purpose is to provide a group sitting-meditation opportunity and experience. Previous meditation experience is helpful. Initial meeting with instructor required.

**Connections Discipline:** Spiritual

#### SLC 0156-EI - Prep a Healthy & Sustainable Meal

**0 Credits** The preparation of a meal that takes into account the social, environmental, and economic implications of our food choices is an excellent example of how we all can lead a more sustainable lifestyle. The simple act of preparing a meal exemplifies the need for examining the decision-making process we follow as consumers and the impact these decisions have on people, place, and pocketbook.

**Connections Discipline:** Ecological, Intellectual

#### SLC 0157-E - Wisconsin Hunter Safety Course

**0 Credits** Firearms safety training course to assure safe handling of firearms in the workshop and to meet state law for a hunting license purchase for those who may need it. Basic shooting skills for firearms (modern and primitive rifles, shotgun and handguns) and archery. This workshop will provide optional opportunities for supervised hands-on practical application at a shooting range.

**Connections Discipline:** Ecological

#### SLC 0158-P - Ba Duan Jin Health Qigong

**0 Credits** Qigong is one of the most powerful self-healing, health-maintenance traditions ever developed. The origins of Qigong pre-date written history. Today, thousands of styles of Qigong exist throughout the world. "Health Qigong" is a simplified exercise

program distilled from ancient, traditional teachings. In this workshop you will learn the Ba Duan Jin Health Qigong. The practice of Ba Duan Jin benefits psychological health, slows the aging process, improves respiratory system function, enhances joint flexibility, strengthens the limbs and improves balance.

**Connections Discipline:** Physical

SLC 0159-IP - Backpacking - Advanced

**0 Credits** This workshop takes basic backcountry travel knowledge to a new level. In this course students will learn backcountry leadership, teaching techniques, hone their outdoor skills, and be challenged in new environments. This workshop or the equivalent is required for outdoor leaders such as Outdoor Orientation and Ed-venture staff.

**Connections Discipline:** Intellectual, Physical

SLC 0162-E - eARTh Oven Laboratory

**0 Credits** eARTh ovens are hand-crafted with local clay, sand, water, and fibers, to serve as experiential models for sustainable architecture. Participants will design and build an outdoor wood-fired oven with public access as a civic art project to support local food security. Participants will host a community baking feast and present interpretations of the eARTh subsoils, water, fiber, fire, food.

**Connections Discipline:** Ecological

SLC 0163-CP - Intro to West African Dance

**0 Credits** ng accompaniment provides an opportunity to connect deeply to the movements, to one's self, and to the workshop community. Students that complete African Drumming AND African Dance will also receive wellness credit for completing the spiritual dimension requirement.

**Connections Discipline:** Social, Physical

SLC 0164-CI - Intro to West African Drumming

**0 Credits** In this workshop we will begin by exploring basic hand drumming techniques and exercises. We will study and play traditional polyrhythms from West Africa as well as discussing their traditional and contemporary cultural context. Participants will also have the opportunity to accompany "Intro to West African Dance" sessions. Students that complete African Drumming AND African Dance will also receive wellness credit for completing the spiritual dimension requirement.

**Connections Discipline:** Social, Intellectual

SLC 0165-E - Learning to Observe Nature

**0 Credits** Become a naturalist in a day! We will track animals and study their behaviors, press and identify plants, observe and predict the weather, and finally we'll have some time just to sit in the woods and become one with the red squirrel berating you from the

white pine overhead. Take home some new ideas, thoughts, and a nifty new nature journal to impress your friends!

**Connections Discipline:** Ecological

SLC 0166-IP - Lindy Hop - Intermediate

**0 Credits** Intermediate Lindy Hop builds on the foundation you learned in the beginner series by adding new moves, patterns and emphasis on fundamentals that will take your dancing to the next level and give it serious wham. Students should have significant Lindy Hop experience, or should have taken one or more beginner classes with the instructors.

**Connections Discipline:** Intellectual, Physical

SLC 0167-V - Photovoltaic Site Assessor Training

**0 Credits** Participants in this 8-hour course will learn how to perform a PV site assessment for a home or business. The course will cover site assessment tools, system sizing, system recommendation, energy efficiency recommendation, load analysis, array placement options, solar resource analysis, cost estimates, site assessment report, web-based performance calculators, and installer and equipment recommendation.

**Connections Discipline:** Vocational

SLC 0168-IP - Rock Climbing - Advanced Skills

**0 Credits** This workshop will build on climbing skills learned in the foundational class. Topics will include site management, advanced gear placement, advanced anchors, belay escapes, and introduction to self rescue. Class will occur at Devils Lake during midsession break.

**Connections Discipline:** Intellectual, Physical

SLC 0169-I - Shimmy Borealis Belly Dance - 2

**0 Credits** Dancers who have completed the beginning belly dance class are invited to continue developing their technique, learn new moves, and work on their improvisation skills. Bring layered, comfortable clothes, bare feet, and a hip scarf if you have one.

**Connections Discipline:** Intellectual

SLC 0170-E - Solar Domestic Hot Water Systems

**0 Credits** In this 8-hour course, students will learn the basics of how Solar Domestic Hot Water Heating Systems (SDHW) work and their economic impacts with emphasis on northern climate systems. This class will prepare students for entry level work in the solar water heating field and will help facilities managers, architects, planners, home owners, and government officials to understand the workings and benefits of solar domestic hot water systems.

**Connections Discipline:** Ecological

### SLC 0171-I - Storytelling in Sustainability

**0 Credits** This workshop is an introduction to the ancient art of storytelling, its value to leaders in sustainability/environmental studies and the practical application of storytelling in their lives. Students will have the opportunity to experience storytelling as both the listener and the teller. They will have direct experience using storytelling to powerfully communicate and express important issues in sustainability.

**Connections Discipline:** Intellectual

### SLC 0172-I - Using ( & Enjoying) Microsoft Excel

**0 Credits** Proficiency in Microsoft Excel will be helpful if you are studying in any field that collects data. Some of your professors, and prospective employers, may expect you to be able to use Excel at a pretty high level. Come and learn some skills that may be important in class and in life.

**Connections Discipline:** Intellectual

### SLC 0173-MS - Body Talk-Art of Listening to Self

**0 Credits** Body Talk is the art of listening to your 'self' and learning how to respond. Friedrich Nitzche said, "There is more wisdom in your body than in your deepest philosophies." This course will help you develop skills to listen to what your body is telling you, how that can help you make wise choices in life, and create balance and healing for yourself to make room for living the life you were created to live.

**Connections Discipline:** Emotional, Spiritual

### SLC 0174-CS - Continuing West African Drumming

**0 Credits** This workshop is a continuation for any student who completed Intro to West African Drumming. We will continue to work on basic drumming skills and learn more complex rhythms and arrangements.

**Connections Discipline:** Social, Spiritual

### SLC 0175-V - Apply for Federal Jobs, Internships

**0 Credits** Introduction to completion of a federal resume; different student employment options including Student Temporary Employment Program (STEP), Research for Undergraduates (REU) and the new Federal Internship program; and applying for positions through USA Jobs.

**Connections Discipline:** Vocational

### SLC 0176-I - The Chemistry of Beer (Intellectual)

**0 Credits** In this workshop you will learn about the chemistry of beer and, that's right, make some of your own. You will gain a knowledge of the various beer ingredients and fermentation processes, and why the resulting ethanol leads to a physiological effect

commonly referred to as a “buzz.”

**Connections Discipline:** Intellectual

SLC 0177-EI - Edible Plants

**0 Credits** Students will design and create a virtual edible plant interpretive trail on the Northland College campus. By investigating and identifying plants, and then creating an interpretive manual, students will learn the plants in depth. Workshop culminates in a wild food feast.

**Connections Discipline:** Ecological, Intellectual

SLC 0179-E - Green Purchasing

**0 Credits** With the vast array of products to buy, how do we make smart choices that support the environment, social justice, and the local economy? In this workshop, students will explore the nature of consumption, sustainable economics, and decision-making models for "buying green." We will end the workshop reflecting on the idea of simple living.

**Connections Discipline:** Ecological

SLC 0180-E - Introduction to Permaculture Design

**0 Credits** Permaculture is a process of ecological design that develops functional relationships among elements of ecological integrity, social justice, and economic viability. Through this course, students will gain practice with basic Permaculture Design Principles and apply them to landscapes and communities.

**Connections Discipline:** Ecological

SLC 0181-V - ACA Coastal Kayaking ICE

**0 Credits** For those who have taken the IDW, the ICE is an opportunity for each candidate to demonstrate his/her proficiency in the presentation (logical progression) and demonstration (proper modeling) of the skills necessary for certification as well as display overall paddlesport knowledge.

**Connections Discipline:** Vocational

SLC 0182-E - Making Bio-Diesel

**0 Credits** Visit Steve Sandstrom's biodiesel processing operation in his garage at Pinehurst Inn in Bayfield, WI. Actually make a batch of biodiesel from start to finish using fryer grease collected from area restaurants.

**Connections Discipline:** Ecological

SLC 0185-EI - Intro to Fly Fishing & Fly Tying

**0 Credits** This course includes basic instruction in equipment, fly casting, and fly fishing. There will also be basic instruction in tying flies that can be fished.

**Connections Discipline:** Ecological, Intellectual

SLC 0186-IP - East Coast Swing, Beginning

**0 Credits** East Coast is a beginner friendly form of Swing Dancing. In this class you will learn the basics of this fun dance that you can then use on the social dance floor. We will also discuss the broader history of swing, including important figures, regions and dance styles.

**Connections Discipline:** Intellectual, Physical

SLC 0191-P - Aquatic Explorations

**0 Credits** This workshop will be an overview of several aquatic exercise techniques such as Aqua Aerobics, Interval Training, Pilates, Yoga and Tai Chi. The course will touch on basic anatomy and exercise principles, and common diseases associated with an inactive lifestyle.

**Connections Discipline:** Physical

SLC 0192-C - Environmental Radio News Reporting

**0 Credits** This workshop will explore the basics of radio news reporting, such as interviewing, sound gathering, broadcast writing and radio production. Students will gain first-hand experience reporting on topics of or related to the environment concerning area Eco-Municipalities, the Chequamegon Nicolet National Forest, the Apostle Islands National Lakeshore and Lake Superior.

**Connections Discipline:** Social

SLC 0193-S - Exploring the Transcendent- Mythos

**0 Credits** We will view and discuss a series of lectures by famed mythologist and author Joseph Campbell. He will take us to the center of a number of different spiritual worldviews so that we can, through each of these different lenses, explore not just the Universe without but, more importantly, the Universe within.

**Connections Discipline:** Spiritual

SLC 0194-N - Financial Wisdom Post-College

**0 Credits** At the conclusion of this workshop, the student will be a better steward of a limited resource, their money. A traditional education prepares us to go out in the world and earn a living. This workshop is about what to do with your money once you make it.

**Connections Discipline:** Ecomomic

SLC 0195-V - Internship Interpretation

**0 Credits** Gaining work experience while you are in college can be an important part of your career development. Internships and summer jobs give you an opportunity to apply academic concepts in practice, and to explore possible future occupations. In this session, we will explore what makes a good internship, present internships that have worked for past students, and review what agencies will be at the job fair and what they are offering. We will also discuss how internships can count for credit and whether or not unpaid internships add up in the future.

**Connections Discipline:** Vocational

SLC 0196-V - Interviewing 101

**0 Credits** What should I do about my tattoos and nose ring for my job interview? How do I skype my internship interview? What do I wear to my phone interview? These and other nerve-wracking interviewing questions will be addressed and you will shine! How to prepare for face-to-face, phone and Skype internship/job interviews; topics to be covered will range from appropriate dress to the kinds of questions to expect. Participate/share feedback in a variety of mock interviews as a dress rehearsal for the real thing!

**Connections Discipline:** Vocational

SLC 0197-M - Journal to Yourself

**0 Credits** Discover how to keep a journal for personal growth, creative expression and life enrichment. In this workshop, you'll learn dozens of journaling techniques you can use again and again. With the help of these journal tools, you can gently but powerfully explore the various aspects of yourself, your life and your relationships with others. Note Journals and writing will remain private. Must purchase journal workbook from instructor at first session - \$10.

**Connections Discipline:** Emotional

SLC 0198-P - Core Conditioning Pilates

**0 Credits** Get in shape, head to toe, as you increase strength, flexibility, stamina, balance and coordination. The deep breathing, flowing movement, precision, control and concentration utilized in each workout will challenge your body and soothe your soul. As you build a strong core, you'll also develop heightened mind-body awareness, improve body movement patterns and functional fitness, increase strength and flexibility and reduce stress. Dress in loose, comfortable clothing, and bring yoga mat or towel.

**Connections Discipline:** Physical

SLC 0199-V - Resumes Plus

**0 Credits** This workshop will cover development of your professional profile and resumes/application letters in electronic, print, and social networking media sources. The workshop also includes an introduction to LinkedIn social networking and creating your



own LinkedIn profile.

**Connections Discipline:** Vocational

SLC 0201-CM - Using Your Brain for a Change

**0 Credits** Neuro Linguistic Techniques empower us with more control over how we communicate with ourselves and others in order to get more of what we want in life! It's that easy, effective, and lasting to balance our mental clarity, emotional stability, and physical well-being beginning with the power of our thoughts. Start using your brain, for a change, shifting your energy to attract more of what you want - all-ways.

**Connections Discipline:** Social, Emotional

SLC 0202-EP - Canoe Poling

**0 Credits** Learn to propel a canoe upstream and downstream while standing and using a wooden pole instead of a paddle. Poling allows travel upstream and on shallow rivers where paddling would be inefficient or impossible. If you can pole, you can go where few tourists dare to travel.

**Connections Discipline:** Ecological, Physical

SLC 0203-P - Varsity Hockey

**0 Credits** Men's Varsity Hockey Team.

**Connections Discipline:** Physical

SLC 0204-P - Varsity Women's Basketball

**0 Credits** Women's Varsity Basketball Team.

**Connections Discipline:** Physical

SLC 0205-P - Varsity Men's Basketball

**0 Credits** Varsity Men's Basketball Team.

**Connections Discipline:** Physical

SLC 0206-P - Varsity Baseball

**0 Credits** Varsity Baseball Team.

**Connections Discipline:** Physical

SLC 0207-P - Varsity Softball

**0 Credits** Varsity Softball Team.

**Connections Discipline:** Physical

SLC 0208-P - Dancer Workout

**0 Credits** Move to the music and get a good core, leg, and aerobic workout! This short class offers a pilates-based workout followed by deep stretching. Wear layered, comfortable clothes and bare feet - bring a yoga or exercise mat if you have one.

**Connections Discipline:** Physical

#### SLC 0209-P - Cross Country Skiing for Beginners

**0 Credits** This workshop will introduce students to the foundations of cross country ski technique, equipment, and travel considerations for both skate and classic (stride) technique. Students will also learn basic winter safety for travelling on frozen lakes, how to wax skis, and pertinent natural history topics (tracking, snow crystallography, etc).

**Connections Discipline:** Physical

#### SLC 0210-E - Crafting for Necessity

**0 Credits** No money? No problem! Believe it or not but humans used to make everything needed from wood, bone, leaves and stones without power tools, cash money or Wall Mart. Discuss the roles of craft, community, and culture in our lives, learn about the ecology of the Chequamegon Bay area, and discover the link between self sufficiency and sustainability all while carving yourself a fancy new spoon, dala horse, and a third project of your choosing (sorry, no log cabins!).

**Connections Discipline:** Ecological

#### SLC 0211-EM - Sustainable Backcountry Travel

**0 Credits** Put the principles of sustainability into action! Spend a weekend on trail experimenting with sustainable gear, eating local food, learning low impact camping practices, discovering the connections between physical health and the health of the environment and enjoying the fall in the Northwoods.

**Connections Discipline:** Ecological, Emotional

#### SLC 0212-EI - Basket Weaving w/ Natural Materials

**0 Credits** This workshop will focus on weaving traditional baskets with local, natural, native materials. We will also discuss the cultural, spiritual, and physical significance of this unique skill. We will make Red Osier Dogwood baskets and traditional Grass Baskets, and if time and resources permit, we will experiment with Birch Basketry.

**Connections Discipline:** Ecological, Intellectual

#### SLC 0213-V - Carve your own Kayak Paddle

**0 Credits** Students will learn about the tools & materials needed to make a "traditional" kayak paddle (aka Greenland style) and then carve one for themselves.

**Connections Discipline:** Vocational

#### SLC 0214-V - The Green Economy & Your Place

**0 Credits** Overview of the working principals and definitions associated with the emerging Green Economy, types/kinds of employment related to your major, and leveraging your Northland experience to help prepare you for your fit into this changing economy.

**Connections Discipline:** Vocational

#### SLC 0215-IP - Jazz Movement and Charleston

**0 Credits** Applejacks, boogie drops, and camel walks, oh my! With an emphasis on improvisation and musicality, we'll explore vernacular jazz movement and 30s Charleston. We'll cover basic solo and partnered Charleston, solo jazz movement and several line dances from the first half of the 20th century.

**Connections Discipline:** Intellectual, Physical

#### SLC 0216-PV - Whitewater Canoeing - Level 3

**0 Credits** This course is for students with experience and capability in canoes on rivers up to class II. Students should come to the course with efficient technique in all basic paddle strokes including; forward and reverse stroke, J stroke, Pry, Sweep, and low brace. We will explore rescue options, efficient paddle technique, and work on maneuvers for use on class III whitewater, as well as instructor and teaching considerations for leading others on the river. This course will offer you American Canoe Association River canoe training. Pre-requisite Northland College level 1 & 2 canoe course (20 hours of instruction) or the equivalent.

**Connections Discipline:** Physical, Vocational

#### SLC 0217-I - Introduction to Systems Thinking

**0 Credits** Einstein once said that the significant problems we face cannot be solved by the same level of thinking that got us into them. So what does a new paradigm of thinking look and feel like? In this class, students will explore mental models, understanding how systems work, and using systems thinking to examine every day problems as well as global problems.

**Connections Discipline:** Intellectual

#### SLC 0218-P - Learn to Row

**0 Credits** Introduction to Recreational and Fitness Rowing.

**Connections Discipline:** Physical

#### SLC 0219-E - Natural Setting of Chequamegon Bay

**0 Credits** This workshop introduces students to the natural setting of the Chequamegon Bay Region. We'll learn about the Lake, the climate, bedrock geology, glacial geology, soils, and forests of the area. There will be three field trips to the best scenic and naturally

significant spots in the region.

**Connections Discipline:** Ecological

#### SLC 0220-P - Stand Up Paddleboards and Sit-On

**0 Credits** An introduction to sit-on-top recreational kayaking and stand up paddle boarding. Safety and basic padding techniques will be taught.

**Connections Discipline:** Physical

#### SLC 0221-IV - Social Responsibility Job Shadowing

**0 Credits** Geared towards students in the Social Responsibility majors, this trip to the Twin Cities will explore the issues and organizations in this field. Experiences will include visiting a variety of organizations, attendance at the Big Green Conference where private/public partnerships come together to discuss business and the environment, and meetings with Northland College Alumni who are working in these fields to hear first hand what their experiences have been. Participants will gain a stronger social network, become more knowledgeable about career opportunities by shadowing professionals in the field, and learn about the emerging green economy.

**Connections Discipline:** Intellectual, Vocational

#### SLC 0223-CI - Tea Cup and Ceremony

**0 Credits** Students will learn from start to finish the process of making cups – this class is appropriate for students who have never had any experience with clay or for those who have had some experience and would like to focus on cup-making. The class will focus on the traditional Japanese tea ceremony as a model for a final event that will be hosted by the class for anyone in the Northland College Community interested in participating.

**Connections Discipline:** Social, Intellectual

#### SLC 0224-MS - Death, Dying and Loss (Emotional, Spiritual)

**0 Credits** This workshop will cover a range of topics related to how humans interpret the reality of death. Topics will include religious beliefs, rituals and funeral rites, with a special focus on how we grieve loss. Thoughtful reflections on the meaning of death surprisingly prepares us to live richer lives!

#### SLC 0225-CI - Travelling Well Internationally

**0 Credits** In this workshop, you will be shown a couple a places to visit (Latin America and North Africa). Then, we will discuss the art of travelling well (from social skills -- politeness, gender relations, etc.-- to the art of packing wisely) and safely. Finally, you will be invited to research the spot you would love to visit (Patagonia or Timbuktu) and share your findings with your classmates.

**Connections Discipline:** Social, Intellectual

#### SLC 0226-P - Unicycling

**0 Credits** This workshop is an introduction to unicycling. Safety, basic riding skills and tricks will be covered. Ten hours of individual or group practice is required in addition to the 6 hours of instruction.

**Connections Discipline:** Physical

#### SLC 0228-N - What You Need to Know About Finance

**0 Credits** This workshop goes over basic instruction of what financial credit is and how to get/use it.

**Connections Discipline:** Economic

#### SLC 0229-V - Your Career - Launching it

**0 Credits** Engage in career exploration by using the FOCUS - 2 program. Using your FOCUS-2 results, develop your career plan for use with your faculty advisor for a 4-year plan; learn how to gain skills and pre-professional experiences by volunteering, involvement with campus clubs/organizations and job-shadowing. Finally, learn how to network and participate in the annual Volunteer Fair and Clubs/Organization Fair.

**Connections Discipline:** Vocational

#### SLC 0230-N - Creating a Financial Plan

**0 Credits** This series of seminars will help students prepare to be financially successful now and in the future. Budget Basics/Money and ID Smart, Credit Card Smart, and Discover How Credit Affects Your Life seminars will set students on a path to financial success.

**Connections Discipline:** Economic

#### SLC 0231-C - Peer Leadership Workshop

**0 Credits** This half-day training provides multiple opportunities to role-play and practice the skills learned during the day. You will participate in sessions that explore (1) group process and communications, (2) conflict management and assertiveness, and (3) power dynamics and peer leadership. The training wraps-up with an interactive group exercise.

**Connections Discipline:** Social

#### SLC 0232-P - Varsity Womens Soccer

**0 Credits** Participation on Northland College's varsity womens soccer team.

**Connections Discipline:** Physical

#### SLC 0233-P - Varsity Mens Soccer

**0 Credits** Participation on Northland College's varsity men's soccer team  
**Connections Discipline:** Physical

SLC 0234-P - Varsity Women's Cross Country

**0 Credits** Participation on Northland College's women's cross country team.  
**Connections Discipline:** Physical

SLC 0235-P - Varsity Mens Cross Country

**0 Credits** Participation on Northland College's varsity men's cross country team.  
**Connections Discipline:** Physical

SLC 0236-EI - Wilderness Survival

**0 Credits** Whether in the backcountry or in an urban environment, those who make it through emergency situations are those who are prepared - or really lucky. While we don't teach luck, we will equip you with the tools and knowledge necessary to see you through a survival situation. From emergency shelters to lighting fires, this hands-on workshop will give you the confidence to take care of yourself and others when everyone else is busy looking for their 4-leaf clover!  
**Connections Discipline:** Ecological, Intellectual

SLC 0500-P - NOLS Transfer Course

**0 Credits** NOLS Transfer Course. Will create specific section to match NOLS course content.  
**Connections Discipline:** Physical

SLC 0510-P - Outward Bound Transfer

**0 Credits** This is to be used for Outward Bound courses transferring in Wellness credit. We will create a specific section to match the course transferring.  
**Connections Discipline:** Physical

SLC 0705-CIV - Ethical Leadership & Active Citizenship Level 1

**0 Credits** Build competence as a leader and self-awareness to act out of personal values through participation in workshops such as Strengths Quest, Conflict Resolution, Group Process, and Power Dynamics. Level 1 activities include leadership shadowing and service participation. Upon completion, participants receive Intellectual, Social, and Vocational Wellness Credits toward graduation requirements.  
**Connections Discipline:** Social, Intellectual, Vocational

SLC 0706-CIV - Ethical Leadership & Active Citizenship Level 2

**0 Credits** Become active contributors and begin guiding the work of others toward a common goal while learning and practicing effective group formation and leadership by receiving cutting edge training in Facilitative Leadership. Upon completion, participants receive Intellectual, Social, and Vocational Wellness Credits toward graduation requirements and preference for campus leadership positions such as tutors, steering committee members, and residential life assistants.

**Connections Discipline:** Social, Intellectual, Vocational

#### SLC 0707 - Active Citizenship Practicum and Certification

**0 Credits** This is your invitation to take your vision and develop either a leadership or service outreach project that will contribute to the greater good. You can choose to do a project in Ethical Leadership or Active Citizenship for certification. Upon completion, participants can choose which Wellness dimension to earn credit in, receive special recognition at Honor's Day and graduation, will receive a statement of certification on their co-curricular transcript, and are eligible for campus leadership positions.

**Connections Discipline:** Various

#### SLC 0708 - Ethical Leadership Practicum and Certification (can meet various dimensions)

**0 Credits** This is your invitation to take your vision and develop either a leadership or service outreach project that will contribute to the greater good. You can choose to do a project in Ethical Leadership or Active Citizenship for certification. Upon completion, participants can choose which Wellness dimension to earn credit in, receive special recognition at Honor's Day and graduation, will receive a statement of certification on their co-curricular transcript, and are eligible for campus leadership positions.

#### Writing

#### WRI 260 - Introduction to Creative Writing

**3 Credits** This course is a workshop in writing poetry and short fiction. Students explore their creative potential in the genres through exercises, writing/revision of poems and stories, peer review, and reading the work of prominent poets and writers.

#### WRI 273 - Writing the Environmental Essay

**3 Credits** Workshop in writing the creative nature essay.

**Prerequisites:** ENG 110 or Completion of a Connection Block.

#### WRI 361 - Creative Writing Fiction

**3 Credits** This course focuses on the study and practice of short story writing. Students are given in- and out-of-class exercises to facilitate story ideas; the course also involves small and large group workshops, with discussions of student work. At the end of term,

students present their stories in a public venue.

**Prerequisites:** WRI 260.

#### WRI 362 - Creative Writing Poetry

**3 Credits** In this workshop course, students practice the art and craft of writing poetry, as well as reading the work of established contemporary poets.

**Prerequisites:** WRI 260.

#### WRI 363 - Writing Literary Nonfiction

**3 Credits** This course is a workshop in writing literary nonfiction. Reading, writing assignments, and discussion explore the wide mix of memoir, travel writing, literary journalism, and personal essay that comprises the genre of literary nonfiction.

**Prerequisites:** WRI 260.

#### WRI 461 - Seminar in Fiction Writing

**4 Credits** The Seminar is an advanced workshop in the writing of fiction. Students write 3-4 medium length short stories (30-40 pages total), which are read and critiqued by the class as a whole. The course is a capstone option for Writing majors.

**Prerequisites:** WRI 260.

#### WRI 462 - Seminar in Poetry Writing

**4 Credits** This course is an advanced workshop in writing poetry. Capstone option for writing majors.

**Prerequisites:** WRI 260.

#### WRI 489 - Senior Honors Thesis

**3 Credits** Students complete a long scholarly or creative work with a thesis director. The thesis is presented to the college community in a public reading. Students may only take this course by invitation of the English Program Coordinator. This course is not a capstone option for Writing majors.

**Prerequisites:** Instructor Consent.

#### Degree Requirements

In order to receive a baccalaureate degree, a student must complete a major field of study, fulfill the requirements for the Connections curricula and co-curricular wellness dimensions, earn at least 124 credits, and be in good academic standing. First-year students must also complete a first-year experience (FYE) course. The distribution of credits is typically:

- 31 to 36 credits in the *Connections* curricula;



- 40 to 56 credits in a declared major field of study; and
- 32 to 53 elective credits or credits in an optional declared major or minor field of study.

Students wishing to pursue a third major must secure approval from the Dean of the Faculty. Minors are optional except for elementary education or Broad Field education majors. Students may complete a minor in a regular or directed studies program. Courses taken to fulfill Connections curricula requirements may also be used to fulfill requirements in a chosen major or minor field of study, but no course can be counted more than once within the major or minor.

To complete a degree, students must also

- earn a grade point average of 2.00 on a scale of 4.00 for all course work (3.00 for students pursuing teacher licensure or a teacher certification minor);
- complete an approved major in a regular or directed studies program;
- earn a grade point average of 2.00 in the major, including concentrations or emphases, and in minors (students pursuing a directed studies major must earn a 3.00 grade point average in the major);
- earn at least 20 credits in the major at Northland College;
- earn at least 6 credits in the minor at Northland College (students are limited to two minors);
- earn 30 of the total required credits at Northland College;
- earn 20 of their final 30 credits at Northland College;
- complete a Senior Capstone; and
- be in good academic standing.

The following credit limits apply:

- no more than 65 credits earned from a two-year community or junior college may be applied toward requirements for the baccalaureate degree (see TRANSFER OF CREDITS under ACADEMIC POLICIES AND PROCEDURES);
- no more than 12 Internship, Field Experience, or Teaching Assistantship credits may be applied towards requirements for the baccalaureate degree;
- no more than 12 correspondence credits may be applied towards requirements for the baccalaureate degree;
- no more than 30 credits may be applied through testing options such as Advanced Placement, CLEP, or International Baccalaureate.

Though the Registrar's Office tracks every student's degree requirement progress, each student is ultimately responsible for determining and completing the credits and co-curricular wellness dimensions s/he needs to fulfill the degree requirements.

**Major and Minor Fields of Study:** A student is expected to officially declare a major field of study and, if applicable, a minor field by the end of his or her second year of study. Many students arrive at Northland College and are undecided about their major fields of

study. Northland College offers academic advising and career counseling to help students identify appropriate majors and minors to support their interests and goals.

**Program Catalog:** Students are assigned to the catalog that is active at the time of their first entry into Northland College. Students entering in the fall of a new catalog cycle are assigned to the new catalog. For example, a student entering in September of 2012 is assigned to the 2012-13 catalog, not the 2011-12 catalog. Students entering in the winter are assigned to the same catalog as those entering in the previous fall.

Students wishing to declare a major or minor in a catalog newer than the one to which they are assigned may petition the Academic Standings Committee to move forward into a newer catalog. Once a student adopts a new catalog, all rules and policies in the newer catalog go into effect for that student. Students are not allowed to move backward to adopt an older catalog.

Students are not allowed to declare one major in one catalog and another major in another catalog. For example, a student cannot declare a Biology major in the Fall 2009-2011 catalog and a Business major in the 2011-2012 catalog.

Students who leave Northland for any period of time are allowed to return to Northland under their original catalog provided they return to Northland within four semesters or two years. Students who are gone for four or more semesters will reenter Northland under the catalog in place at the time of reentry. For this purpose, “semesters” are defined as the 15 week timeframe usually associated with Fall or Winter semesters at Northland College. Therefore, May term and summer school are not counted for this purpose.

Students who left Northland after Winter semester of the 2010-11 academic year and who subsequently return to Northland will not be allowed to reenter Northland under any catalog prior to the catalog issued for Fall of 2009, regardless of the timeline under which the student returns.

**Second Baccalaureate Degree:** A second baccalaureate degree may be earned at Northland College. The following provisions apply:

- All degree requirements for the degree are satisfactorily completed.
- A 30-credit minimum is earned at Northland beyond all of the credits and degree requirements for the first baccalaureate degree. Any repeated courses do not count toward the 30 credits. For students who earned their first degree at Northland, this would mean that a minimum of 154 credits must be earned to qualify for a second degree.
- For students who did not earn their first degree at Northland, all of the major area requirements still apply, including minimum GPA within the declared major and the minimum number of credits completed within the major at Northland.
- Each Northland College degree must be different. For example, one degree could be a B.S. and the second degree could be a B.A. Double majors within the same degree category lead to one degree with two majors listed, regardless of how

many credits are earned. An individual student may not earn two of the same degrees from Northland College.

- Students who earn two majors in different degree categories but who do not earn 30 credits beyond the number needed for graduation will be required to choose between a B.A. and B.S.
- Students enrolling with a prior degree and wishing to pursue a second degree must declare their intentions, complete the admissions process, and contact the Registrar's Office no later than the end of the add/drop period of the student's first term in attendance at Northland College. Students pursuing a second degree must follow this procedure regardless of how many credits the student plans to enroll in each semester. Failure to do so could result in the loss of the opportunity to earn a second degree.

Students should complete all requirements for the second degree within four semesters of attendance at Northland. Exceptions to this policy should be cleared with the Registrar's Office prior to the first semester of enrollment.

## Connections Curriculum

### General Education: Connections Curriculum

Northland College pioneered environmental liberal arts in 1971. Since then, our visionary approach to academics has helped thousands of graduates make a difference in the world. In 2009, we again took a bold step, building on our innovative mission and creating a distinctive general education program that redefines environmental liberal arts education.

At the heart of this program are the Connections Curricula—*Superior Connections*, *Growing Connections*, and *Natural Connections*. These curricula integrate different approaches to common issues, and through them students explore the relationships among the liberal arts, the environment, and the future of our planet and society. This approach is deeply practical because 21st century work, particularly in the environment, demands people who can successfully incorporate multiple perspectives to achieve imaginative outcomes.

Each curriculum includes nine courses, eight of which are taught in integrated block formats and one of which focuses specifically on experiences beyond the classroom. Students select and complete either *Natural*, *Growing*, or *Superior Connections* in their first two years at Northland. During these years, students also enroll in elective courses and in courses required for an academic major. Transfer students complete portions of *Natural Connections* that are determined by the classes they have completed at other institutions.

## Connections Curriculum

The foundation of Northland College's academic program is established through one of its *Connections* curricula—*Superior Connections*, *Growing Connections*, or *Natural*

*Connections*. For most students, the *Connections* curricula account for approximately one-third of the courses required for graduation. Academic major requirements and elective courses typically account for the other two-thirds.

All of the *Connections* curricula—*Growing*, *Natural*, and *Superior*—are designed to assure that students develop...

- foundational skills in communication, quantitative reasoning, and personal wellness;
- a breadth of disciplinary learning characteristic of a liberally educated individual;
- an understanding of human and cultural diversity; and
- an appreciation for the relationship between humans and the natural world that prepares graduates to live lives that are sensitive to the needs of an ecologically sustainable future.

In addition, the *Connections* curricula are structured to demonstrate the value of integrated, multidisciplinary approaches to understanding the world. After completing a *Connections* curriculum, students understand the strengths and limitations of specific academic disciplines and are prepared to think systemically and creatively about complex questions.

Students who successfully complete a *Connections* curriculum at Northland College have the option of declaring an environmental studies minor. (Transfer students who satisfy *Connections* curricula requirements through transfer equivalencies do not have this option.)

### Superior Connections

*Superior Connections* is a curriculum integrated thematically by a focus on the Lake Superior watershed.

Students who enroll in *Superior Connections* develop expertise in the natural and human histories of the watershed, and then use these expertise to study and engage a variety of complexly interconnected environmental and cultural issues. The program incorporates a number of field trips in its courses, including a one-month journey around Lake Superior, and students emerge from *Superior Connections* empowered by experiences of connectedness to make meaningful contributions to the watersheds and communities in which they live.

Students must apply to participate in *Superior Connections*, and they complete the program as a cohort of approximately twenty students.

### Curriculum Requirements

#### Fall Semester—1st Year

#### XNN 115 Superior Connections A

- BIO 128 - Natural History & Conservation in the Lake Superior Watershed **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **4 Credits**

#### XHH 115 Superior Connections B

- ENG 126 - Confluences Reading & Writing in the Lake Superior Watershed **4 Credits**
- NAS 160 - Lake Superior Ojibwe **4 Credits**

#### Winter Semester—1st Year

#### XHH 120 Superior Connections

- ENG 229 - Reading the Waters **4 Credits**
- ART 166 - Creative Expression in the Lake Superior Watershed **4 Credits**

#### May Term—1st Year

- IDS 180 - Lake Superior Circumnavigation **4 Credits**

#### Fall Semester—2nd Year

#### XSS 215 Superior Connections

- SCD 250 - Sustainability in the Lake Superior Watershed **4 Credits**
- SOC 260 - Sociology in the Lake Superior Watershed & the World **4 Credits**

#### Prior to Graduation

- Quantitative Reasoning Course **3-4 Credits**

#### Total Superior Connections 39-40

#### Growing Connections

*Growing Connections* is a curriculum that focuses on the history, theories, and practices of sustainable agriculture. Participants in *Growing Connections* work closely with faculty mentors and regional farmers in classrooms, labs, and fields to develop an interdisciplinary understanding of food systems and of the role that agriculture plays in human culture and ecological health.

#### Curriculum Requirements

Fall Semester—1st Year

XHH 105 Agricultural Humanities

- ENG 165 - Pastoral & Agricultural Literature **4 Credits**
- HIS 120 - American Agricultural History **4 Credits**

XNN 105 Sustainable Food & Agriculture

- BIO 115 - Concepts of Biology **4 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**

Winter Semester—1st Year

XHN 115 Growing Connections

- GSC 107 - Geology & Agriculture **4 Credits**
- REL 273 - World Religions Foodways **4 Credits**

May Term—1st Year

- IDS 243 - Sustainable Agriculture Practicum **4 Credits**

Fall Semester—2nd Year

XSS 210 Growing Connections

- BUS 229 - Small Business Management **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**

Prior to Graduation

- Quantitative Reasoning Course **3-4 Credits**

Total Growing Connections 38-39

Natural Connections

*Natural Connections* is a curriculum that allows students to explore a variety of themes or questions. Students completing *Natural Connections* may select blocks of courses that focus on different themes or questions each semester, or they might select blocks of courses that explore the same question or theme across two or more semesters. Faculty teams dedicated to *Natural Connections* provide multi-disciplinary perspectives on the themes or questions of the different blocks, and students develop sophisticated understandings of the complexities inherent in each.

## Curriculum Requirements

1) Students pursuing *Natural Connections* must complete . . .

- two courses from different disciplines that emphasize ways of knowing characteristic of the **Humanities**; (6-8 Credits)
- two courses from different disciplines that emphasize ways of knowing characteristic of the **Natural Sciences**; (6-8 Credits)
- two courses from different disciplines that emphasize ways of knowing characteristic of the **Social Sciences**; (6-8 Credits)
- two **elective courses** that emphasize interdisciplinary, humanistic, natural science, or social science ways of knowing; (6-8 Credits)
- one **quantitative reasoning** course; (3-4 Credits)
- one **experiential** course or a three/four credit **internship** (3-4 Credits).

The way of knowing (Humanities, Natural Sciences, etc.) associated with a specific course as well as experiential designations are identified in the college catalog.

2) In addition, *Natural Connections* students must complete at least one **Connections block** during their first semester at Northland, two by the end of their second semester, three by the end of their fourth semester, and four *Connections* blocks by the time of graduation.

*Connections* blocks are identified in course schedules by course codes that begin with X. For a current listing of *Connections* blocks, use the Course Search function on *My Northland* to view schedules for a specific semester or term.

Typically, *Natural Connections* students fulfill their disciplinary requirements (Humanities, Natural Sciences, etc., see #1 above) through their *Connections* blocks (#2 above), but they may also take individual courses to fulfill disciplinary requirements if desired.

Total Natural Connections 30-40

Connections Curriculum Equivalencies for Transfer Students

(including first-time, full-time students with prior college credit)

Students who enroll at Northland with college credits earned at other institutions may fulfill some or all of the *Connections* curricula requirements through transfer equivalencies. Individual transfer evaluations will indicate which requirements have been met through these equivalencies.

Co-Curriculum

Co-Curriculum

A Northland College education is uniquely designed to engage students inside and outside the classroom with both formal and experiential opportunities. The Division of Student Life has developed a set of intentional learning strategies that engage students in a variety of workshops, activities and experiences tailored to enhance their lives outside the classroom. The goals of this co-curriculum are structured so that graduates will:

- Develop a well-rounded and balanced life
- Ethically guide the work of self and others towards common goals
- Exhibit their core values and apply those values to important decisions in every aspect of their lives

There are two Centers that direct portions of this learning: the Center for Ethical Leadership and Active Citizenship and the Center for Wellness and Lifelong Learning. Each Center has designed a unique set of learning objectives for students to complete during their undergraduate study.

## Majors and Minors

### Art

The art major fosters creativity and critical thinking through an understanding of the practice and history of the studio arts. Students develop visual literacy and problem-solving skills to explore confidently the many avenues of technical and creative expression, and to develop an appreciation for craftsmanship. Through such experiences students are also encouraged to see how their own creative endeavors relate to other disciplines within the liberal arts.

Northland graduates have pursued graduate school as well as careers as independent artists, photographers, educators, graphic artists, art conservators, and gallery owners.

### Art Major (B.A.)

#### Major Requirements:

- ART 106 - Design Studio **3 Credits**
- ART 111 - Drawing I **3 Credits**
- ART 230 - Art History Ancient to Medieval **3 Credits**
- ART 231 - Art History Renaissance to Modern **3 Credits**
- ART 306 - Art Collaborations with Nature **3 Credits**
- ART 402 - Senior Exhibition **1 Credits**
- ART 403 - Senior Seminar **3 Credits**

Four courses from the following:

- ART 210 - Painting I **3 Credits**
- ART 212 - Drawing II **3 Credits**



- ART 220 - Ceramics I **3 Credits**
- ART 222 - Ceramics Handbuilding **3 Credits**
- ART 232 - Contemporary Art History **3 Credits**
- ART 260 - Black and White Film Photography I **3 Credits**
- ART 270 - Printmaking Relief and Intaglio **3 Credits**
- ART 271 - Printmaking Screen Printing and Lithography **3 Credits**

Three courses from the following:

- ART 320 - Ceramics II **3 Credits**
- ART 340 - Alternative Photographic Processes **3 Credits**
- ART 361 - Black and White Film Photography II **3 Credits**
- ART 370 - Printmaking II **3 Credits**
- ART 461 - Black and White Film Photography III **3 Credits**
- ART 470 - Printmaking III **3 Credits**

Total Art Major: 40 Credits

Art Minor

Minor Requirements:

- ART 106 - Design Studio **3 Credits**
- ART 111 - Drawing I **3 Credits**
- ART 403 - Senior Seminar **3 Credits**

Two courses from the following:

- ART 230 - Art History Ancient to Medieval **3 Credits**
- ART 231 - Art History Renaissance to Modern **3 Credits**
- ART 232 - Contemporary Art History **3 Credits**

Two courses from the following:

- ART 210 - Painting I **3 Credits**
- ART 212 - Drawing II **3 Credits**
- ART 220 - Ceramics I **3 Credits**
- ART 222 - Ceramics Handbuilding **3 Credits**
- ART 260 - Black and White Film Photography I **3 Credits**
- ART 270 - Printmaking Relief and Intaglio **3 Credits**
- ART 271 - Printmaking Screen Printing and Lithography **3 Credits**

Two courses from the following:

- ART 306 - Art Collaborations with Nature **3 Credits**
- ART 320 - Ceramics II **3 Credits**

- ART 340 - Alternative Photographic Processes **3 Credits**
- ART 361 - Black and White Film Photography II **3 Credits**
- ART 370 - Printmaking II **3 Credits**
- ART 461 - Black and White Film Photography III **3 Credits**
- ART 470 - Printmaking III **3 Credits**

Total Art Minor Credits 27

## Biology

The Biology Program is an exciting blend of a traditional biology curriculum with an emphasis on ecology and environmental studies.

Hands-on experience is an integral part of the program. Many courses use our 90-acre field station as well as local national forests, national and state parks, and numerous wetlands as natural classrooms. Our laboratory experiences link modern molecular techniques with environmental and conservation issues. Internships with various state and federal agencies and professionals offer students on-the-job knowledge and experience.

The program helps students prepare for employment in the fields of bioresearch, natural resources, environmental consulting, and education. It also helps prepare students for graduate and professional programs, including medical school and veterinary school.

## Biology Major (B.S.)

### Major Requirements:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**
- BIO 238 - Cell Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 330 - Genetics **4 Credits**
- Additional 16 BIO or NRS credits (10 of which must be 300-level or higher)

- MTH 107 - Statistical Concepts & Analysis **4 Credits**

### OR

- MTH 140 - Calculus I **4 Credits**
- BIO 480 - Biology Senior Seminar **3 Credits**

**OR**

- BIO 496 - Senior Capstone **3 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

One of the following:

- CHM 220 - Organic Chemistry I **4 Credits**
- CHM 225 - Ecological Quantitative Analysis **4 Credits**
- CHM 240 - Inorganic Chemistry **4 Credits**

Two of the following:

- BIO 222 - Woodland Plants of Northern Wisconsin **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**
- BIO 246 - Ornithology **4 Credits**

Total Biology Major Credits 59

Biology Minor

Minor Requirements:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**
- BIO 238 - Cell Biology **4 Credits**
- BIO 330 - Genetics **4 Credits**
- An additional 6-8 BIO or NRS credits

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

## Total Biology Minor Credits 30-32

### Business

The Business Major offers students the opportunity to focus their studies on either business management or public affairs management. Both emphases share a common core of courses that provide students with a foundational understanding of economics, finance, management, marketing, and social responsibility.

The Business Management emphasis further develops students' understanding and skills in management and strategic planning. Students who complete this emphasis often participate in the Cooperative Education Internship Program, which allows them to explore careers in small business, industry, and government while earning college credit. Typically, these students go on to careers in accounting, small business, and management.

The Public Affairs Management emphasis develops in students the knowledge and skills of much demanded holistic professionals and social engineers who are prepared to address the challenges of a new world where non-market forces influence organizations as much as market forces. Building on the foundational courses of the core, the Public Affairs Management emphasis prepares students to understand the complexities and significance of the relationships that exist between business and society and to manage ethically a company's internal and public affairs. Typically, students who complete this emphasis go on to graduate school or to careers in public affairs management and corporate social responsibility both in business and civic organizations.

### Business Major (B.S.)

#### Major Requirements:

- BUS 222 - Fundamentals of Accounting **4 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- BUS 228 - Marketing Management **3 Credits**
- BUS 232 - Principles & Practice of Management **3 Credits**
- BUS 331 - Legal Environment of Business **3 Credits**
- BUS 429 - Managing People & Conflict Resolution **3 Credits**
- IDS 105 - Introduction to Social Responsibility **4 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- SOC 341 - Sociology of the Environment **3 Credits**
- Core courses listed above along with an emphasis in Business Management (15 Credits) or Public Affairs Management (15 Credits)

#### Emphases:

#### Business Management Emphasis:

- BUS 120 - Quantitative Methods **3 Credits**
- BUS 229 - Small Business Management **3 Credits**
- BUS 312 - Economics for Managers **3 Credits**
- BUS 330 - Managerial Finance **3 Credits**
- BUS 475 - Strategic Planning and Policy Capstone **3 Credits**

Public Affairs Management Emphasis:

- BUS 342 - Business & Public Policy **3 Credits**
- BUS 344 - Ethical Leadership **3 Credits**
- BUS 346 - Social Entrepreneurship **3 Credits**
- BUS 441 - Corporations & Activism **3 Credits**
- BUS 482 - Corporate Citizenship & Stakeholder Management Capstone **3 Credits**

Total Business Major Credits 45

Business Management Minor

Minor Requirements:

- BUS 222 - Fundamentals of Accounting **4 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- BUS 228 - Marketing Management **3 Credits**
- BUS 229 - Small Business Management **3 Credits**
- BUS 232 - Principles & Practice of Management **3 Credits**
- BUS 331 - Legal Environment of Business **3 Credits**

Total Business Management Minor Credits 20

Public Affairs Management Minor

Minor Requirements:

- BUS 342 - Business & Public Policy **3 Credits**
- BUS 344 - Ethical Leadership **3 Credits**
- BUS 346 - Social Entrepreneurship **3 Credits**
- BUS 429 - Managing People & Conflict Resolution **3 Credits**
- BUS 441 - Corporations & Activism **3 Credits**
- BUS 482 - Corporate Citizenship & Stakeholder Management Capstone **3 Credits**
- SOC 341 - Sociology of the Environment **3 Credits**

Total Public Affairs Management Minor Credits 21

## Chemistry

The Chemistry program provides students with a solid foundation in chemistry theory and methods that they can use in careers immediately after graduating or in medical school, veterinary school, and other graduate and professional programs. In addition the Chemistry program offers a unique opportunity to use chemistry as a tool for studying the environment. Courses and projects include such topics as acid rain, groundwater contamination, airborne pollution and toxic waste cleanup.

Northland's 21st century facility, the Larson-Juhl Center for Science and the Environment, is home to state-of-the-art laboratories. Starting with their first chemistry classes, students become familiar with sophisticated analytical technology such as atomic absorption spectrophotometry, Fourier transform nuclear magnetic resonance spectroscopy, Fourier transform infrared spectroscopy, high performance liquid chromatography and gas chromatography/mass spectroscopy. Using advanced instrumentation early in their education prepares chemistry majors to apply these instruments in increasingly more sophisticated analysis as they progress in their studies. As a result students are prepared to use these techniques to conduct senior research projects.

Northland's hands-on approach and small class size provide an intense, challenging, and exciting educational environment. The combination of dedicated faculty, modern facilities and an environmental emphasis gives Northland students a distinctive education in chemistry.

### Chemistry Major (B.S.)

#### Major Requirements:

- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 220 - Organic Chemistry I **4 Credits**
- CHM 221 - Organic Chemistry II **4 Credits**
- CHM 225 - Ecological Quantitative Analysis **4 Credits**
- CHM 240 - Inorganic Chemistry **4 Credits**
- CHM 345 - Biochemistry **4 Credits**
- CHM 443 - Quantum Mechanics & Molecular Spectroscopy **4 Credits**
- CHM 447 - Chemical Thermodynamics **4 Credits**
  
- CHM 496 - Senior Thesis/Research **4 Credits**
  
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PHY 111 - General Physics II **4 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Total Chemistry Major Credits 57

#### Chemistry Minor

##### Minor Requirements:

- MTH 140 - Calculus I **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- An additional 12 to 16 CHM credits at 200-level or above.

##### One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Total Chemistry Minor Credits 24-28

#### Coaching

Coaching minors take a variety of courses in areas such as sports medicine, coaching fundamentals and techniques, and athletic organization and administration. Coaching minors also receive hands-on experience through internships in their individual areas of athletic interest.

The combination of theoretical and practical hands-on experiences offered by the Physical Education Program prepares students for a career in their field of athletic interest. Students interested in a teaching career should combine a coaching minor with a certifiable teaching major.

#### Coaching Minor

##### Minor Requirements:

- PED 202 - Sports Medicine **3 Credits**
- PED 240 - Sports Safety Training **2 Credits**
- PED 300 - Theories & Techniques of Coaching **3 Credits**
- PED 301 - Musculoskeletal Anatomy **4 Credits**
- PED 303 - Analysis of Human Performance **4 Credits**

- PED 400 - Organization & Admin of Athletics **3 Credits**

- PED 292 - Internship Required **3 Credits**

**OR**

- PED 492 - Internship Required **3 Credits**

Total Coaching Minor Credits 22

Directed Studies

The Directed Studies Program is available for students who have an unusual breadth of academic preparation, a high level of motivation and perseverance, and who have the ability to assume independence in undertaking their academic work. This program, designed by the student together with a faculty committee, is designed to meet the student's individual needs as they pertain to the student's area of interest. After completing an application form obtained from the Registrar's Office, the Academic Standings Committee must approve the program.

See the Registrar's Office for the necessary form.

Directed Studies Major (B.A.)

The Directed Studies Program is available for students who have an unusual breadth of academic preparation, a high level of motivation and perseverance, and who have the ability to assume independence in undertaking their academic work. This program, designed by the student together with a faculty committee, is designed to meet the student's individual needs as they pertain to the student's area of interest. After completing an application form obtained from the Registrar's Office, the Academic Standings Committee must approve the program.

Requirements for a Directed Study Major or Minor

- The Directed Studies Program will contain mostly regular Northland College courses, with additional selected studies, internships, independent study courses, and research courses and projects designed to meet the student's individual needs.
- A student pursuing a Directed Studies major may not complete a second major concurrently. A student pursuing a Directed Studies minor must avoid duplication of courses from their chosen major.
- All Directed Studies degree programs must be approved by the Academic Standings Committee of the Academic Council.
- A student wishing to pursue one of these programs needs a minimum GPA of 3.00 and is expected to maintain that GPA.



- Proposals for the Directed Studies Program must be submitted to the Registrar's Office no later than November 10th of the student's junior year.
- The student's Faculty Advisory Committee consists of a chair, which may be his/her academic advisor, and two other regularly contracted faculty members. At least one faculty member must be within the student's area of focus. The Faculty Advisory Committee must approve the proposal before it is submitted to the Registrar's Office.
- The Chair coordinates input from the faculty members serving on the Committee during preparation and ongoing assessment of the proposal.
- The proposal must contain a detailed and explicit statement of rationale, showing precisely why a Directed Studies Program is appropriate, how it prepares the student for further study or professional involvement, and how this differs from a traditional major. In addition, the proposal should show how each course proposed contributes to the major.
- The proposal must identify a specific focus and show how the independently designed program addresses that focus.
- The proposal must state how and when the student's program will be evaluated. A senior thesis or similar capstone experience, integrating all aspects of the student's program, is to be included in the program design.
- Directed Studies Program proposals normally include a minimum of 30 semester hours of upper division (300-400) level courses. A minimum of 12 semester hours in one program area is expected.
- Once approved, the student is required to meet with his/her Committee to complete and submit a Directed Studies Program Continuance Form at the end of each semester. All changes to a student's original approved proposal must be approved by the Academic Standings Committee.
- The student and the Committee chair will coordinate a meeting with the other Committee members at the completion of all Directed Studies requirements to evaluate the success of the proposal.

#### Directed Studies Major (B.S.)

The Directed Studies Program is available for students who have an unusual breadth of academic preparation, a high level of motivation and perseverance, and who have the ability to assume independence in undertaking their academic work. This program, designed by the student together with a faculty committee, is designed to meet the student's individual needs as they pertain to the student's area of interest. After completing an application form obtained from the Registrar's Office, the Academic Standings Committee must approve the program.

#### Requirements for a Directed Study Major or Minor

- The Directed Studies Program will contain mostly regular Northland College courses, with additional selected studies, internships, independent study courses, and research courses and projects designed to meet the student's individual needs.

- A student pursuing a Directed Studies major may not complete a second major concurrently. A student pursuing a Directed Studies minor must avoid duplication of courses from their chosen major.
- All Directed Studies degree programs must be approved by the Academic Standings Committee of the Academic Council.
- A student wishing to pursue one of these programs needs a minimum GPA of 3.00 and is expected to maintain that GPA.
- Proposals for the Directed Studies Program must be submitted to the Registrar's Office no later than November 10th of the student's junior year.
- The student's Faculty Advisory Committee consists of a chair, which may be his/her academic advisor, and two other regularly contracted faculty members. At least one faculty member must be within the student's area of focus. The Faculty Advisory Committee must approve the proposal before it is submitted to the Registrar's Office.
- The Chair coordinates input from the faculty members serving on the Committee during preparation and ongoing assessment of the proposal.
- The proposal must contain a detailed and explicit statement of rationale, showing precisely why a Directed Studies Program is appropriate, how it prepares the student for further study or professional involvement, and how this differs from a traditional major. In addition, the proposal should show how each course proposed contributes to the major.
- The proposal must identify a specific focus and show how the independently designed program addresses that focus.
- The proposal must state how and when the student's program will be evaluated. A senior thesis or similar capstone experience, integrating all aspects of the student's program, is to be included in the program design.
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- Once approved, the student is required to meet with his/her Committee to complete and submit a Directed Studies Program Continuance Form at the end of each semester. All changes to a student's original approved proposal must be approved by the Academic Standings Committee.
- The student and the Committee chair will coordinate a meeting with the other Committee members at the completion of all Directed Studies requirements to evaluate the success of the proposal.

### Directed Studies Minor

The Directed Studies Program is available for students who have an unusual breadth of academic preparation, a high level of motivation and perseverance, and who have the ability to assume independence in undertaking their academic work. This program, designed by the student together with a faculty committee, is designed to meet the student's individual needs as they pertain to the student's area of interest. After completing an application form obtained from the Registrar's Office, the Academic Standings Committee must approve the program.

## Requirements for a Directed Study Major or Minor

- The Directed Studies Program will contain mostly regular Northland College courses, with additional selected studies, internships, independent study courses, and research courses and projects designed to meet the student's individual needs.
- A student pursuing a Directed Studies major may not complete a second major concurrently. A student pursuing a Directed Studies minor must avoid duplication of courses from their chosen major.
- All Directed Studies degree programs must be approved by the Academic Standings Committee of the Academic Council.
- A student wishing to pursue one of these programs needs a minimum GPA of 3.00 and is expected to maintain that GPA.
- Proposals for the Directed Studies Program must be submitted to the Registrar's Office no later than November 10th of the student's junior year.
- The student's Faculty Advisory Committee consists of a chair, which may be his/her academic advisor, and two other regularly contracted faculty members. At least one faculty member must be within the student's area of focus. The Faculty Advisory Committee must approve the proposal before it is submitted to the Registrar's Office.
- The Chair coordinates input from the faculty members serving on the Committee during preparation and ongoing assessment of the proposal.
- The proposal must contain a detailed and explicit statement of rationale, showing precisely why a Directed Studies Program is appropriate, how it prepares the student for further study or professional involvement, and how this differs from a traditional major. In addition, the proposal should show how each course proposed contributes to the major.
- The proposal must identify a specific focus and show how the independently designed program addresses that focus.
- The proposal must state how and when the student's program will be evaluated. A senior thesis or similar capstone experience, integrating all aspects of the student's program, is to be included in the program design.
- Directed Studies Program proposals normally include a minimum of 30 semester hours of upper division (300-400) level courses. A minimum of 12 semester hours in one program area is expected.
- Once approved, the student is required to meet with his/her Committee to complete and submit a Directed Studies Program Continuance Form at the end of each semester. All changes to a student's original approved proposal must be approved by the Academic Standings Committee.
- The student and the Committee chair will coordinate a meeting with the other Committee members at the completion of all Directed Studies requirements to evaluate the success of the proposal.

## Dual Degree

The Dual Degree Engineering Programs provides students with a professional engineering education and a well-rounded environmental liberal arts education.

Northland College cooperates with Michigan Technological University (MTU) in Houghton, Michigan, and with Washington University in St. Louis, Missouri, to provide the Dual Degree Program.

Dual Degree students attend Northland for three academic years and either MTU or Washington University for two academic years. Students must successfully complete the Pre-Engineering Program and a Connections Curriculum during their three years at Northland. Upon completion of the five-year program, students earn a Bachelor of Science degree from Northland and a Bachelor of Science degree from either MTU or Washington University. Students who attend MTU earn a B. S. in Biomedical, Chemical, Civil, Computer, Electrical, Environmental, Geological, Materials, or Mechanical Engineering. Students who attend Washington University earn a B. S. in Biomedical, Chemical, Computer, Computer Science, Electrical, Mechanical, or Systems Science Engineering.

For more information about the Dual Degree Engineering Program, contact Young Kim, the Engineering Program Coordinator.

*Note: In order to receive a Northland degree, students must present the Registrar's Office with a transcript of courses completed at MTU or Washington University. With the approval of the Academic Dean of the College, students may choose other engineering schools accredited by the Accreditation Board of Engineering and Technology.*

#### Engineering (B.S.)

The Dual Degree Engineering Programs provides students with a professional engineering education and a well-rounded environmental liberal arts education. Northland College cooperates with Michigan Technological University (MTU) in Houghton, Michigan, and with Washington University in St. Louis, Missouri, to provide the Dual Degree Program.

Dual Degree students attend Northland for three academic years and either MTU or Washington University for two academic years. Students must successfully complete the Pre-Engineering Program and a Connections Curriculum during their three years at Northland. Upon completion of the five-year program, students earn a Bachelor of Science degree from Northland and a Bachelor of Science degree from either MTU or Washington University. Students who attend MTU earn a B. S. in Biomedical, Chemical, Civil, Computer, Electrical, Environmental, Geological, Materials, or Mechanical Engineering. Students who attend Washington University earn a B. S. in Biomedical, Chemical, Computer, Computer Science, Electrical, Mechanical, or Systems Science Engineering.

For more information about the Dual Degree Engineering Program, contact Young Kim, the Engineering Program Coordinator.

*Note: In order to receive a Northland degree, students must present the Registrar's Office with a transcript of courses completed at MTU or Washington University. With the approval of the Academic Dean of the College, students may choose other engineering schools accredited by the Accreditation Board of Engineering and Technology.*

**Major Requirements:**

- BUS 226 - Essentials of Economics **4 Credits**
- CHM 240 - Inorganic Chemistry **4 Credits**
- CPS 220 - Computer Science **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- MTH 312 - Advanced Calculus **4 Credits**
- MTH 330 - Differential Equations **4 Credits**
- MTH 337 - Linear Algebra **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PHY 111 - General Physics II **4 Credits**
  
- Completion of a *Connections Curriculum* **30-40 Credits**
  
- BIO 115 - Concepts of Biology **4 Credits**

**OR**

- BIO 128 - Natural History & Conservation in the Lake Superior Watershed **4 Credits**

**One of the following:**

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

**Total Engineering (Dual Degree Program) Major Credits 78-88**

**Education**

The mission of the Education Department is to provide a holistic, experiential major that creates effective teachers and lifelong learners while empowering students to make connections with others, the earth, and ideas by thinking and teaching ecologically, collaboratively, critically, and compassionately.

Successful graduates are certified by Northland College and eligible for licensure by the Wisconsin Department of Public Instruction. Each education major involves hands-on experiences both in and out of the traditional classroom that are performance-based and correlate with state requirements.

As an element of best practice, the Education Department provides all undergraduate majors with a unique, experiential learning research opportunity. Education courses bring a vibrant, diverse group of students together with caring, attentive professors. This creates a learning environment in which students develop close relationships with faculty, explore personal styles, practice positive classroom interactions, and learn from one another. Teaching creatively, critically, compassionately, collaboratively, and ecologically shape Northland College's distinctive Education Department. A dedication to environmental awareness combined with the liberal arts tradition gives our prospective teachers the versatility, confidence, and skills needed for the challenges of their chosen career and as lifelong learners.

Students pursuing a degree in elementary or secondary education are encouraged to obtain a copy of the Teacher Education Program Student Handbook of Policies, Procedures and Forms from the Northland College website for specific details on the requirements for both the academic majors and state licensure information.

Education (Secondary): Early Adolescence to Adolescence Broad Field History Major (B.S.)

Note:

A course in each of the following areas is required for licensure in Wisconsin. These courses may be completed as part of the Connections curriculum, the major, and/or the minor.

- Fine Arts
- Literature
- Western History
- Non-Western History (HIS 111 - History of World Civilizations to 1500 or HIS 112 - History of World Civilizations since 1500 is required)
- History, culture, and tribal sovereignty of American Indian tribes and bands in Wisconsin
- The forces of discrimination, especially racism and sexism on faculty, students, curriculum, instruction, and assessment in the school program (EDU 225 - Foundations of Education and American Government is required)

Major Requirements:

- EDU 205 - Curriculum, Planning, & Assessment **4 Credits**
- EDU 224 - Reflective Middle School Educator **4 Credits**
- EDU 225 - Foundations of Education and American Government **4 Credits**

- OED 261 - Environmental Education Curriculum Review **4 Credits**
- EDU 289 - Children & Adolescent Literature **2 Credits**
- EDU 315 - Classroom Management & Conflict Resolution **4 Credits**
- EDU 349 - Literacy Teaching Methods **4 Credits**
- EDU 370 - Social Studies Teaching Methods **4 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **4 Credits**
- EDU 393 - Portfolio Development **0 Credits**
- EDU 460 - Student Teaching (EA-A) & Seminar **6-12 Credits**

Additional Requirements:

- A major in History (45-63 credits)

Total Education (Secondary): Early Adolescence to Adolescence Broad Field Social Studies Major Credits 91-109

Education (Secondary): Early Adolescence to Adolescence Broad Field Science Major (B.S)

Note:

A course in each of the following areas is required for licensure in Wisconsin. These courses may be completed as part of the Connections curriculum, the major, and/or the minor.

- Fine Arts
- Literature
- Western History
- Non-Western History (HIS 111 - History of World Civilizations to 1500 or HIS 112 - History of World Civilizations since 1500 is required)
- History, culture, and tribal sovereignty of American Indian tribes and bands in Wisconsin
- The forces of discrimination, especially racism and sexism on faculty, students, curriculum, instruction, and assessment in the school program (EDU 225 - Foundations of Education and American Government is required)

Major Requirements:

- EDU 205 - Curriculum, Planning, & Assessment **4 Credits**
- EDU 224 - Reflective Middle School Educator **4 Credits**
- EDU 225 - Foundations of Education and American Government **4 Credits**
- OED 261 - Environmental Education Curriculum Review **4 Credits**
- EDU 289 - Children & Adolescent Literature **2 Credits**
- EDU 315 - Classroom Management & Conflict Resolution **4 Credits**
- EDU 341 - Science Teaching Methods **4 Credits**
- EDU 349 - Literacy Teaching Methods **4 Credits**

- EDU 376 - Strategies for Teaching Diverse Learners **4 Credits**
- EDU 393 - Portfolio Development **0 Credits**
- EDU 460 - Student Teaching (EA-A) & Seminar **6-12 Credits**

Additional Requirements:

- A major in Biology, Chemistry, or Environmental Geosciences (54-55 credits)

Two courses from each of the disciplines below (if not completed for the major)

- Biology (BIO)
- Chemistry (CHM)
- Geosciences (GSC)
- Meteorology (MET) or Physics (PHY)

Total Education (Secondary): Early Adolescence to Adolescence Broad Field Science  
Major Credits 100-113

Education (Secondary): Early Adolescence to Adolescence Teaching Major (B.S.)

Note:

A course in each of the following areas is required for licensure in Wisconsin. These courses may be completed as part of the Connections curriculum, the major, and/or the minor.

- Fine Arts
- Literature
- Western History
- Non-Western History (HIS 111 - History of World Civilizations to 1500 or HIS 112 - History of World Civilizations since 1500 is required)
- History, culture, and tribal sovereignty of American Indian tribes and bands in Wisconsin
- The forces of discrimination, especially racism and sexism on faculty, students, curriculum, instruction, and assessment in the school program (EDU 225 - Foundations of Education and American Government is required)

Major Requirements:

- EDU 205 - Curriculum, Planning, & Assessment **4 Credits**
- EDU 224 - Reflective Middle School Educator **4 Credits**
- EDU 225 - Foundations of Education and American Government **4 Credits**
- OED 261 - Environmental Education Curriculum Review **4 Credits**
- EDU 289 - Children & Adolescent Literature **2 Credits**
- EDU 315 - Classroom Management & Conflict Resolution **4 Credits**
- EDU 349 - Literacy Teaching Methods **4 Credits**



- EDU 376 - Strategies for Teaching Diverse Learners **4 Credits**
- EDU 393 - Portfolio Development **0 Credits**
- EDU 460 - Student Teaching (EA-A) & Seminar **6-12 Credits**

One content methods course appropriate to the major:

- EDU 341 - Science Teaching Methods **4 Credits**
- EDU 377 - Mathematics Teaching Methods **4 Credits**
- EDU 370 - Social Studies Teaching Methods **4 Credits**

One of the following majors:

- Biology (59 Credits)
- Chemistry (57 Credits)
- Environmental Geosciences with Geology emphasis (54 Credits)
- History (48 Credits)
- Mathematical Sciences (55-56 Credits)

Total Education (Secondary): Early Adolescence to Adolescence Teaching Major Major  
Credits 87-112

English Teaching Minor

Minor Requirements:

- ENG 180 - Public Speaking **3 Credits**
- ENG 326 - Studies in American Literature **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**
- An additional 3 English (ENG) credits.
- An additional 6 English (ENG) or Writing (WRI) credits.
- ENG 413 - Shakespeare **4 Credits**

**OR**

- ENG 415 - Chaucer **4 Credits**

Total English Teaching Minor Credits 26

## Mathematics Teaching Minor

### Minor Requirements:

- MTH 106 - Environmental Mathematics **3-4 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- MTH 328 - College Geometry **3 Credits**
  
- An additional 8 math (MTH) credits at the 200-level or higher.

Total Mathematics Teaching Minor Credits 26

## Middle Childhood to Early Adolescence (Elementary) Education Major (B.S.)

### Note:

A course in each of the following areas is required for licensure in Wisconsin. These courses may be completed as part of the Connections curriculum, the major, and/or the minor.

- Fine Arts
- Literature
- Western History
- Non-Western History (HIS 111 - History of World Civilizations to 1500 or HIS 112 - History of World Civilizations since 1500 is required)
- History, culture, and tribal sovereignty of American Indian tribes and bands in Wisconsin
- The forces of discrimination, especially racism and sexism on faculty, students, curriculum, instruction, and assessment in the school program (EDU 225 - Foundations of Education and American Government is required)

### Major Requirements:

- EDU 204 - Language Arts for Educators **2 Credits**
- EDU 205 - Curriculum, Planning, & Assessment **4 Credits**
- EDU 224 - Reflective Middle School Educator **4 Credits**
- EDU 225 - Foundations of Education and American Government **4 Credits**
- EDU 289 - Children & Adolescent Literature **2 Credits**
- OED 261 - Environmental Education Curriculum Review **4 Credits**
- EDU 315 - Classroom Management & Conflict Resolution **4 Credits**
- EDU 341 - Science Teaching Methods **4 Credits**
- EDU 349 - Literacy Teaching Methods **4 Credits**
- EDU 351 - Physical Education Teaching Methods **1 Credits**
- EDU 370 - Social Studies Teaching Methods **4 Credits**

- EDU 371 - Fine Arts Teaching Methods **1 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **4 Credits**
- EDU 377 - Mathematics Teaching Methods **4 Credits**
- EDU 393 - Portfolio Development **0 Credits**
- EDU 471 - Student Teaching (MC-EA) & Seminar **6-12 Credits**

Additional Requirements:

In addition, all elementary education majors are required to complete an approved academic minor. Approved teaching minors for elementary education majors include English, mathematics, natural science, and social studies. Students must complete at least 6 credits in their minor at Northland College.

Total Education (Elementary) Major Credits 80-83

Natural Science Teaching Minor

Minor Requirements:

4 credits (100-level or 200-289) from each of the following areas:

- BIO
- CHM
- GSC
- MET
- MTH
- PHY

Total Natural Science Teaching Minor Credits 24

Social Studies Teaching Minor

Minor Requirements:

- PSY 110 - General Psychology **4 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- GSC 262 - World Regional Geography **3 Credits**
- NAS 210 - Native American Cultures in Wisconsin **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**

**OR**

- HIS 102 - United States History since 1865 **3 Credits**
- HIS 111 - History of World Civilizations to 1500 **3 Credits**

**OR**

- HIS 112 - History of World Civilizations since 1500 **3 Credits**

Total Social Studies Teaching Minor Credits 27

English

The English program reflects the overall tenor of the College in its emphasis on the development of critical thinking and communication skills, the importance of integrated cross-disciplinary studies, and concern for the relationship between humans and the natural world. Courses in the English program represent the American and British literary traditions, approaches to creative writing, and a variety of specialty studies, including third world literature, science fiction, nature writing, and women's studies. The English major also grounds students in the study of historical periods and movements.

Graduates of the English program go on to graduate programs and to careers in teaching, publishing, technical writing, public relations, or other occupations that emphasize the ability to write well, read perceptively, speak clearly, and listen carefully.

English Major (B.A.)

Major Requirements:

- ENG 262 - Survey of British Literature **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**
- Additional credits in English (ENG) or Writing (WRI) **12-15 Credits**

Note: A maximum of 6 credits may come from WRI

Required Block:

The Roots of European Civilization

- ENG 213 - Literature of the Western World **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**

Two of the following two-course blocks:

1. The Middle East and the Muslim World

- ENG 228 - Literature of the Arab World **4 Credits**
- HIS 263 - History of the Middle East **3 Credits**

2. The Roots of American Civilization

- ENG 264 - Survey of American Literature **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**

3. The Environment and Literature

- ENG 211 - Humanity & Nature in Literature **3 Credits**
- HIS 241 - American Environmental History **3 Credits**

4. Agricultural Humanities

- ENG 165 - Pastoral & Agricultural Literature **4 Credits**
- HIS 120 - American Agricultural History **4 Credits**

One of the following capstone courses:

- ENG 413 - Shakespeare **4 Credits**
- ENG 415 - Chaucer **4 Credits**

Total English Major Credits 48-50

English Minor

Minor Requirements:

- ENG 326 - Studies in American Literature **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**
- An additional 6 ENG credits at the 100-level or higher.
- An additional 6 ENG or WRI credits at the 100-level or higher.

One of the following capstone courses:

- ENG 413 - Shakespeare **4 Credits**
- ENG 415 - Chaucer **4 Credits**

Total English Minor Credits 26

### Environmental Education

The field and practice of Environmental Education refers to both formal and non-formal efforts to teach about how natural environments function, how human behaviors shape and influence those natural functions and how we can change our behaviors in order to sustain a healthy environment for the future of all living things.

Students with an Environmental Education minor are prepared to effectively teach participants of all ages and abilities, in outdoor as well as indoor settings.

### Environmental Education Minor

#### Minor Requirements:

- OED 261 - Environmental Education Curriculum Review **4 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- OED 328 - Wilderness Writers & Philosophers **4 Credits**

#### One of the following:

- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 319 - Northern Plains Cultures **3 Credits**
- NAS 333 - Native American World Views **3 Credits**

#### One of the following:

- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SOC 226 - Social Movements **3 Credits**
- SOC 240 - Cultural Ecology **3 Credits**

#### One of the following:

- OED 282 - Outdoor Education Practicum **4 Credits**
- OED 362 - Apostle Island School Preparation **0-1 Credits**
- OED 363 - Apostle Islands School **4 Credits**
- OED 382 - Outdoor Education Practicum **4 Credits**
- OED 492 - Internship **3 Credits**

Total Environmental Education Minor Credits 23-26

## Environmental Geosciences

The Environmental Geosciences Major offers students the opportunity to study geologic and hydrologic processes as well as how people are influenced by and impact earth systems. The physical Earth - its minerals, rocks, soils, water, and landscapes - form the foundation on which all ecosystems exist, so understanding geologic and hydrologic processes helps students understand environmental issues and their relationship to the Earth.

The Environmental Geosciences major at Northland emphasizes field work, hands-on experiences, and the interdisciplinary nature of the geosciences. Students become proficient at gathering field data and using state-of-the-art equipment to produce maps that illustrate the distribution and nature of Earth's features. The curriculum gives students the broad foundation required in earth science and prepares them to be successful as professional geoscientists immediately after graduation or to continue their studies in graduate school.

Students majoring in the Environmental Geosciences are required to take all the courses in the list of core courses, and to choose an emphasis in Geology or Water Science. The Program also supports minors in Geology and Geographic Information Systems.

### Environmental Geosciences Major (B.S.)

#### Major Requirements:

- GIS 201 - Introduction to Geographic Systems **4 Credits**
- GSC 120 - Physical Geology **4 Credits**
- GSC 222 - Sediments & Soils **4 Credits**
- GSC 488 - Geoscience Capstone Research **2 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**

- GSC 486 - Senior Seminar in Water Science **2 Credits**

#### **OR**

- GSC 498 - Senior Seminar in Geology **2 Credits**

#### One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Emphases:

In order to complete a major in Geosciences, complete one emphasis below:

Geology Emphasis:

- CHM 240 - Inorganic Chemistry **4 Credits**
- GSC 320 - Landforms **4 Credits**
- GSC 321 - Minerals & Rocks **4 Credits**
- GSC 481 - Geologic Field Methods **2 Credits**
- GSC 482 - Geologic Field Camp **4 Credits**
- Eight additional GSC credits at the 200-level or above.
- GSC 305 - Hydrology **4 Credits**

**OR**

- GSC 406 - Hydrogeology & Geochemistry **4 Credits**

Recommended for Graduate School Preparation:

One full year of calculus, chemistry, and physics

Water Science Emphasis:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**
- BIO 234 - Ecology **4 Credits**
- CHM 225 - Ecological Quantitative Analysis **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 406 - Hydrogeology & Geochemistry **4 Credits**
- MET 125 - Introduction to Meteorology **4 Credits**

Two of the following:

- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 473 - Limnology **4 Credits**
- MET 270 - Oceanography **4 Credits**
- NRS 325 - Stream and Watershed Ecology **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 480 - Integrated Ecosystem Management **4 Credits**

Recommended for Graduate School Preparation:



One full year of calculus, chemistry, and physics.

Total Environmental Geosciences Major Credits 54-56

Geographic Information Systems Minor

Minor Requirements:

- GIS 201 - Introduction to Geographic Systems **4 Credits**
- GIS 260 - Global Positioning Systems **1 Credits**
- GIS 301 - Intermediate GIS Applications **4 Credits**
- GIS 315 - Geodatabases **3 Credits**
- GIS 380 - Remote Sensing **4 Credits**
- GIS 401 - Advanced GIS **4 Credits**
  
- GIS 492 - Internship **1 Credits**

Total Geographic Information Systems Minor Credits 21

Geology Minor

Minor Requirements:

- GSC 120 - Physical Geology **4 Credits**
- An additional 24 GSC credits at the 200-level or above.

Total Geology Minor Credits 28

Gender and Women's Studies

The Gender and Women's Studies major at Northland offers students the chance to explore the significance of gender-as well as other categories of identity-in social systems across the world. As an interdisciplinary major, Gender and Women's Studies asks questions such as how women and men learn and perform gender; how gender is constructed and represented through language, individual behavior, and social/cultural institutions; how ideas of gender and gender roles have influenced human interactions with the natural world; and how people can recognize and work to transform the gender ideologies that shape our knowledge and action.

Gender and Women's Studies at Northland is distinguished by its interdisciplinary nature. By taking courses that are grounded in similar assumptions and that raise similar questions regarding gender, but that examine these assumptions and questions within different disciplines, students achieve an understanding of the complexity of the world around them and are more equipped to change it toward equality and ecological sustainability.

## Gender and Women's Studies Major (B.A.)

### Major Requirements:

- HUM 480 - Junior-Senior Seminar **3 Credits**

### Six of the following core courses:

- ENG 233 - Women of the Third World **3 Credits**
- GWS 265 - Introduction to Gender & Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- HIS 209 - Gender in the U.S. Landscape **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 305 - Queer Ethnic History in America **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**

### Eight of the following courses not previously taken:

- BIO 343 - Biology of AIDS **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 234 - Seminar in Science Fiction **3 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- GWS 265 - Introduction to Gender & Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- HIS 209 - Gender in the U.S. Landscape **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life & History **3 Credits**
- HIS 305 - Queer Ethnic History in America **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- OED 279 - Access & Diversity **3 Credits**
- SOC 214 - Native Americans in Modern Society **3 Credits**
- SOC 226 - Social Movements **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 301 - Mass Media & Popular Culture **3 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**
- SOC 374 - Human Rights & Social Justice **3 Credits**

### Additional Requirements:

- 490 Independent Study
- OR**
- 491 Field Experience

A 490 Independent Study or 491 Field Experience (service course) can be taken in any discipline as long as the focus is relevant to gender and women's studies. Approval of the Gender and Women's Studies Program Coordinator and course instructor is required.

Total Gender and Women's Studies Major Credits 45

Gender and Women's Studies Minor

Minor Requirements:

Four of the following core courses:

- ENG 233 - Women of the Third World **3 Credits**
- GWS 265 - Introduction to Gender & Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- GWS 331 - Feminist Theory **3 Credits**

Four of the following elective courses:

- BIO 343 - Biology of AIDS **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 228 - Literature of the Arab World **4 Credits**
- ENG 234 - Seminar in Science Fiction **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life & History **3 Credits**
- HIS 209 - Gender in the U.S. Landscape **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- OED 279 - Access & Diversity **3 Credits**
- SOC 226 - Social Movements **3 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**

Additional Requirements:

- 490 Independent Study
- OR**

- 491 Field Experience

A 490 Independent Study or 491 Field Experience (service course) can be taken in any discipline as long as the focus is relevant to gender and women's studies. Approval of the Gender and Women's Studies Program Coordinator and course instructor is required.

Total Gender and Women's Studies Minor Credits 24

## History

The history major teaches students how to see and understand the world around them as the result of a complex set of dynamic interactions between culture, economics, politics, the environment, ideas, ideologies, and social trends. Students in this major learn how to read critically, write clearly and authoritatively, and think comprehensively about the course of human events.

The history major offers students crucial skills for the job market, and prepares students for the pursuit of careers in journalism, writing, diplomacy, law, technical writing, ministry, public relations, public administration, and non-profit work as well as graduate studies in history, law or international relations.

## History Major (B.A.)

### Major Requirements:

#### Core Blocks:

Students must complete one, two-course block from each of the three categories:

#### Category One: Non-Western Cultures

##### a) The Middle East:

- ENG 228 - Literature of the Arab World **4 Credits**

#### **OR**

- REL 330 - Islam **3 Credits**

- HIS 263 - History of the Middle East **3 Credits**

##### b) Asian Culture:

- HIS 111 - History of World Civilizations to 1500 **3 Credits**

- REL 230 - Asian Religions & Philosophies **3 Credits**

#### Category Two: Western Cultural Roots

##### a) The Roots of European Civilization:

- ENG 213 - Literature of the Western World **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**

##### b) The Roots of American Civilization:

- ENG 264 - Survey of American Literature **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**

#### Category Three: Current Cultures

##### a) Ideology and Society:

- HIS 234 - Ideology in the 20th Century **3 Credits**
- HUM 220 - Soviet Art & Music **3 Credits**

##### b) Current America:

- HIS 102 - United States History since 1865 **3 Credits**
- MUS 205 - Story of Jazz **3 Credits**

##### c) Gender in Current Culture:

- GWS 266 - Ecofeminism **3 Credits**
- HIS 209 - Gender in the U.S. Landscape **3 Credits**

#### **OR**

- HIS 260 - Gender in Modern Europe **3 Credits**

#### 27 Additional credits from the following:

- Additional History (HIS) courses
- Other NAS courses with a strong history component
- ART 230 - Art History Ancient to Medieval **3 Credits**
- ART 231 - Art History Renaissance to Modern **3 Credits**

- ART 232 - Contemporary Art History **3 Credits**
- NAS 211 - Native American History to 1830 **3 Credits**
- NAS 212 - Native American History 1830 - Present **3 Credits**

Required:

- HUM 480 - Junior-Senior Seminar **3 Credits**

Total History Major Credits 42

History Minor

Minor Requirements:

- 21 HIS credits with at least 9 credits at the 300-level or above \*

Note:

\*Students are also strongly encouraged to select both western and non-western history courses for their minor.

Total History Minor Credits 21

Humanities

The Humanities major is an interdisciplinary major that focuses on exploring the human condition through the ideas, artistic movements, religions, ideologies, and intellectual structures that humans use, and have used, to understand and give meaning to their world. At the heart of this endeavor is the commitment to use multiple disciplinary perspectives from the humanities to understand ideas across multiple eras, regions, and cultures.

Students in this major will gain a strong foundation in critical thinking; reading and interpretive skills; comparative study; and effective writing in several disciplines. This major prepares students for any number of careers in the humanities, publishing, writing, journalism, government and diplomatic service, and also effectively prepares them for graduate study in law, journalism, English, History, Religious Studies, Seminary, Government and Diplomacy, Cultural Studies and Humanities.

Humanities Major (B.A.)

Major Requirements:

- HUM 480 - Junior-Senior Seminar **3 Credits**

I) Core Blocks:

Students must complete one, two-course block from each of the categories below and a fourth, two-course block from any of the categories.

Category One: Comparative World Cultures

a) The Middle East and the Muslim World:

- ENG 228 - Literature of the Arab World **4 Credits**

**OR**

- REL 330 - Islam **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**

b) Comparative Religions:

- REL 229 - Idea of God **3 Credits**
- REL 230 - Asian Religions & Philosophies **3 Credits**

c) Buddhism and Art:

- ART 111 - Drawing I **3 Credits**
- REL 231 - Buddhism **3 Credits**

Category Two: Cultural Roots

a) The Roots of Asian Civilization:

- HIS 111 - History of World Civilizations to 1500 **3 Credits**
- REL 230 - Asian Religions & Philosophies **3 Credits**

b) The Roots of European Civilization:

- ENG 213 - Literature of the Western World **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**

c) The Roots of American Civilization:

- ENG 264 - Survey of American Literature **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**

Category Three: Current Cultures

a) Ideology and Society:

- HIS 234 - Ideology in the 20th Century **3 Credits**
- HUM 220 - Soviet Art & Music **3 Credits**

b) Current America:

- HIS 102 - United States History since 1865 **3 Credits**
- MUS 205 - Story of Jazz **3 Credits**

c) Women and Gender in Current Culture:

- HIS 260 - Gender in Modern Europe **3 Credits**
- MUS 266 - Women in Music

d) Art and Modernity:

- ART 232 - Contemporary Art History **3 Credits**
- MUS 260 - Contemporary Music **3 Credits**

Electives:

Students must complete an additional 15 credits of electives in the Humanities. Electives may include any course at the 200-level or higher with an ART, ENG, HIS, HUM, MUS, PHL, REL, or WRI prefix.

Additional electives from programs such as Humanity and Nature Studies, Gender and Women's Studies, or Native American Studies may also be approved by the Chair of the Humanities Department.

Total Humanities Major Credits 42

Humanity and Nature Studies

Humanity & Nature Studies is a major designed for students who want to understand the complex relationships that people have with nature and, through this understanding, to make a difference in the world.

Integral to the courses in the major are three fundamental questions: Who am I? What is Nature? And, How do I interact with the world after my attempts to answer the first two questions?

The major emphasizes an interdisciplinary exploration of human-nature relationships that prepares students to weave together insights and methodologies from the humanities, social sciences, and natural sciences. Through these insights & methodologies, students



broaden and deepen their understanding of how humans have conceived of their relationships to nature over time. Students who complete the Humanity & Nature Studies major develop a sophisticated understanding of how humans continue to conceive, construct, and fulfill their relationships to the natural world.

The major prepares students to pursue graduate or professional studies in fields, such as Environmental Law and Environmental Humanities, or for a variety of environmentally focused careers in business, education, government, industry, advertising, public policy, community planning, nature therapy, or the non-profit sector.

#### Environmental Humanities Minor

##### Minor Requirements:

- ENG 211 - Humanity & Nature in Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 325 - Nature and Nation Environment, Art, and Ideology **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- REL 258 - Religion & Nature **3 Credits**

Total Environmental Humanities Minor Credits 22

#### Humanity and Nature Studies Major (B.A.)

##### Major Requirements:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- ENG 211 - Humanity & Nature in Literature **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 325 - Nature and Nation Environment, Art, and Ideology **3 Credits**
- IDS 480 - Humanity & Nature Studies Seminar **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- PSY 231 - Ecopsychology **3 Credits**
- REL 258 - Religion & Nature **3 Credits**

- PHL 226 - Environmental Ethics **3 Credits**

#### OR

- PHL 262 - Environmental Philosophy **4 Credits**

- SOC 315 - Sociology of Community **3 Credits**

**OR**

- SOC 341 - Sociology of the Environment **3 Credits**

One of the following:

- ENG 318 - Nature Writers **3 Credits**
- ENG 372 - Nature in Latin American Literature **3 Credits**
- ENG 377 - Green Romanticism **3 Credits**
- OED 328 - Wilderness Writers & Philosophers **4 Credits**

One of the following:

- ART 306 - Art Collaborations with Nature **3 Credits**
- ENG 240 - Pens & Paddles in the North Woods **4 Credits**
- IDS 280 - Trekking Planet Japan **4 Credits**
- IDS 281 - Spring in Italy **4 Credits**
- MUS 263 - Music & Nature **3 Credits**
- SOC 343 - Australian & New Zealand Culture **4 Credits**

Emphases:

Must select one of the following emphases

Global Cultural Perspectives Emphasis:

- GWS 266 - Ecofeminism **3 Credits**
- IDS 254 - Diversity and the Environment **3 Credits**
- NAS 305 - Indigenous Peoples Global and Comparative Perspectives **3 Credits**

- ENG 217 - Contemporary Third World Literature **4 Credits**

**OR**

- ENG 233 - Women of the Third World **3 Credits**

Leadership and a New Future Emphasis:

- BUS 344 - Ethical Leadership **3 Credits**
- IDS 105 - Introduction to Social Responsibility **4 Credits**

- OED 221 - Group Process & Leadership **4 Credits**
- PSY 330 - Leadership for Change **3 Credits**

Reviving a Natural History Emphasis:

Two of the following:

- BIO 222 - Woodland Plants of Northern Wisconsin **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**

Two of the following:

- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- NRS 325 - Stream and Watershed Ecology **4 Credits**
- NRS 345 - Ecological Restoration **4 Credits**
- NRS 348 - Wildlife Ecology & Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 368 - Vegetation Management **4 Credits**

Total Humanity and Nature Studies Major Credits 56-61

### Mathematical Sciences

Mathematics, at the core of a liberal arts education and the foundation of a science curriculum, is uniquely positioned as a program at Northland College. Students in the Mathematics program develop collaborative relationships with the Mathematics faculty that allow in-depth exploration of traditional mathematical concepts. These concepts are then broadened and applied in courses taught by faculty from other disciplines.

Thus, students who graduate with a Mathematical Sciences degree have a solid foundation in mathematical concepts, and knowledge and experience in applying those concepts to model environmental, social, or physical phenomena and to solve complex problems. This dual training prepares Northland graduates to gain admission to graduate schools in mathematics, engineering, and other fields and to secure employment in a wide variety of disciplines including teaching, business, and government.

### Mathematical Sciences Major (B.S.)

Major Requirements:

- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**

- MTH 207 - Biometry **4 Credits**
- MTH 230 - Mathematical Modeling **4 Credits**
- MTH 312 - Advanced Calculus **4 Credits**
- MTH 330 - Differential Equations **4 Credits**
- MTH 337 - Linear Algebra **4 Credits**
- MTH 470 - Advanced Topics in Mathematics **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- An additional 15-16 credits with a quantitative focus \*

Note:

\*These courses must be chosen from within mathematical sciences or other programs in consultation with a mathematical sciences professor and should be selected to augment one's interests in mathematical sciences (e.g., College Geometry and Discrete Mathematics) or in support of one's combined interests in mathematics and another discipline (e.g., advanced physics or computer science). Note that some other courses of a quantitative nature may require pre-requisites in addition to those required above.

Total Mathematical Sciences Major Credits 55-56

Mathematical Sciences Minor

Minor Requirements:

- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- An additional 15-16 MTH credits at the 200-level or higher.

Total Mathematical Sciences Minor Credits 27-28

Meteorology

For many, interest in Meteorology begins at an early age with observations of, and a passion for, local weather. The Meteorology Major encourages students to pursue this passion and challenges them to strengthen and broaden their knowledge of the physical and chemical processes of the atmosphere and ocean. An understanding of the atmosphere and ocean helps students put environmental issues in an appropriate context.

Courses in the Meteorology Major emphasize hands-on experiences whenever possible. Students will become proficient in analyzing meteorological and climatological data. The curriculum will introduce students to a wide variety of atmospheric and oceanic topics. Students will learn about physical mechanisms as well as tools used to measure the atmosphere and ocean.

The Meteorology Major will prepare students for employment in a number of areas. Students who successfully complete the Major are eligible to receive the American Meteorological Society Certified Broadcast Meteorologist seal and the National Weather Association Broadcasting Seal. The curriculum also provides students with a strong foundation to continue their studies in Graduate School or to pursue a career in other Meteorological/Climatological fields.

#### Meteorology Major (B.S.)

##### Major Requirements:

- CHM 245 - Atmospheric Chemistry and Climate **4 Credits**
- GIS 201 - Introduction to Geographic Systems **4 Credits**
- GIS 380 - Remote Sensing **4 Credits**
- MET 125 - Introduction to Meteorology **4 Credits**
- MET 363 - Synoptic Meteorology **4 Credits**
- MET 387 - Mesoscale Meteorology **3 Credits**
- MET 463 - Dynamic Meteorology **4 Credits**
- MET 467 - Atmospheric Physics **3 Credits**
- MET 480 - Senior Seminar in Meteorology **2 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- MTH 312 - Advanced Calculus **4 Credits**
- MTH 330 - Differential Equations **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PHY 111 - General Physics II **4 Credits**
- PHY 330 - Thermodynamics **3 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

One of the following:

- MET 255 - Practicum Broadcast Meteorology **3 Credits**
- MET 270 - Oceanography **4 Credits**
- PHY 306 - Classical Mechanics **3 Credits**

Total Meteorology Major Credits 66-67

Music

Music Minor

Minor Requirements:

- MUS 231 - Music Theory I **3 Credits**
- MUS 232 - Music Theory II **3 Credits**
- MUS 323 - Survey of Musical Styles I **3 Credits**
- MUS 324 - Survey of Musical Styles II **3 Credits**
- An additional 6 music (MUS) credits.

Additional Requirements:

An additional 4 credits of ensemble participation:

- MUS 121 - Chamber Music in Performance **1 Credits**
- MUS 122 - Voice in Class **1 Credits**
- MUS 131 - Symphonic Band **0-1 Credits**
- MUS 141 - Northland Singers **0-1 Credits**
- MUS 151 - Jazz Band **0-1 Credits**
- MUS 161 - Chequamegon Symphony **0-1 Credits**
- MUS 171 - Chamber Choir **0-1 Credits**

An additional 4 credits of individual instruction:

- MUS 181 - Individual Brass Lessons **1 Credits**
- MUS 182 - Individual Guitar Lessons **1 Credits**
- MUS 183 - Individual Percussion Lessons **1 Credits**
- MUS 184 - Individual Piano Lessons **1 Credits**
- MUS 185 - Individual Strings Lessons **1 Credits**
- MUS 186 - Individual Voice Lessons **1 Credits**
- MUS 187 - Individual Woodwind Lessons **1 Credits**

Total Music Minor Credits 26

Native American Studies

The Native American Studies major focuses on indigenous culture and traditional teachings at the core of the program, with particular attention given to Lake Superior regional native history. The program includes first-hand contact with local tribes and native Ojibwe communities alongside a rigorous academic curriculum. The curriculum includes native worldviews and indigenous ways of knowing as a rich compliment to the environmental mission of the college. This major also helps students understand the social, economic and environmental situations related to the everyday lives of Native communities today.

Graduates will be well prepared for work in tribal government and related businesses, careers in living history centers and museums, outdoor recreation and interpretation

programs, social-service agencies, and advanced academic work in Native Culture Studies.

### Native American Studies Major (B.A.)

#### Major Requirements:

- NAS 121 - Introduction to Ojibwe Language I **3 Credits**
- NAS 211 - Native American History to 1830 **3 Credits**
- NAS 212 - Native American History 1830 - Present **3 Credits**
- NAS 224 - Introduction to Tribal Legal Studies **3 Credits**
- NAS 225 - Native American Woodland Skills **3 Credits**
- NAS 231 - Native American Arts & Cultures **3 Credits**
- NAS 239 - Native American Story Telling **3 Credits**
- NAS 300 - Ethnobiology **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 319 - Northern Plains Cultures **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- NAS 479 - Native American Studies Seminar **3 Credits**
- SOC 214 - Native Americans in Modern Society **3 Credits**

#### One of the following:

- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 220 - Myth & Ritual **3 Credits**
- REL 258 - Religion & Nature **3 Credits**

Total Native American Studies Major Credits 45

### Native American Studies Minor

#### Minor Requirements:

- NAS 283 - American Indian Literature **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 333 - Native American World Views **3 Credits**
- An additional 12 NAS credits

- NAS 211 - Native American History to 1830 **3 Credits**

**OR**

- NAS 212 - Native American History 1830 - Present **3 Credits**

## Total Native American Studies Minor Credits 24

### Natural Resources

The Natural Resources Program provides students with a liberal arts education and ecological, economic, regulatory, and management foundations necessary to use, protect, and enhance natural resources. Students address the complexities inherent in evaluating the needs of different user groups and understand the multiple demands on natural resources.

Students acquire the knowledge and skills necessary to communicate effectively, manage resources, and solve problems and conflicts. Practical experience is gained from field activities, working in groups, preparing plans and budgets, and analyzing data. The natural resources major prepares students for graduate school and careers in government, tribal agencies, not-for-profit organizations, or the private sector.

### Natural Resources Major (B.S.)

#### Major Requirements:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 330 - Genetics **4 Credits**
  
- ECN 310 - Environmental Economics **3 Credits**
  
- GIS 201 - Introduction to Geographic Systems **4 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- NRS 215 - Natural Resources Policy **3 Credits**
- NRS 480 - Integrated Ecosystem Management **4 Credits**

#### One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food. **4 Credits**
- CHM 105 - General Chemistry: Chemistry in Social Context **4 Credits**
- CHM 108 - General Chemistry: Responding to Climate Change **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

#### Emphases:

To complete a major in Natural Resources, choose one of the following emphases.

#### Ecological Restoration Emphasis:

- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- GSC 120 - Physical Geology **4 Credits**



- NRS 345 - Ecological Restoration **4 Credits**

Two of the following:

- BIO 473 - Limnology **4 Credits**
- NRS 325 - Stream and Watershed Ecology **4 Credits**
- NRS 358 - Wetlands **4 Credits**

One of the following:

- BIO 222 - Woodland Plants of Northern Wisconsin **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**

One of the following:

- GSC 222 - Sediments & Soils **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 320 - Landforms **4 Credits**

Fisheries and Wildlife Ecology Emphasis:

- BIO 360 - Vertebrate Physiology **4 Credits**
- MTH 207 - Biometry **4 Credits**
- NRS 225 - Fisheries & Wildlife Techniques **4 Credits**

One of the following:

- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**
- BIO 246 - Ornithology **4 Credits**

Three of the following:

- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- BIO 473 - Limnology **4 Credits**
- NRS 325 - Stream and Watershed Ecology **4 Credits**
- NRS 348 - Wildlife Ecology & Management **4 Credits**
- NRS 349 - Fisheries Science & Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**

Forestry Emphasis:

- BIO 222 - Woodland Plants of Northern Wisconsin **4 Credits**
- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- NRS 347 - Sustainable Forest Management **4 Credits**
- NRS 361 - Forest Mensuration **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 425 - Silviculture and Harvest **4 Credits**

- GIS 260 - Global Positioning Systems **1 Credits**

**OR**

- NRS 102 - Wildland Firefighter Training **1 Credits**

One of the following:

- GSC 222 - Sediments & Soils **4 Credits**
- NRS 325 - Stream and Watershed Ecology **4 Credits**
- NRS 345 - Ecological Restoration **4 Credits**

Total Natural Resources Major Credits 62

## Outdoor Education

The Outdoor Education program provides students with the skills, knowledge, experience, and confidence to enter the profession as an educator and a leader. At Northland, students work with faculty who are redefining the role of outdoor education in environmental and social sustainability, gain experience providing outdoor and environmental education to children and adults, and engage people of all ages and abilities in establishing sustainable relationships with nature and humanity.

While in the program, students gain an understanding of the principles that guide effective outdoor education experiences, read the works of leading outdoor educators, gain perspective from historical expeditions, and embark on their own experiences within the woods, waters, and wilderness of our region. Students also develop advanced professional skills and knowledge during their junior and senior years under the close supervision and support of program faculty. Finally, students join a family of graduates who are experienced educators of universally designed outdoor and environmental education and skilled in sustainable outdoor living and travel principles and practices.

## Outdoor Education's Embedded Curricula

Northland College leads the Outdoor Education profession in the development of environmentally sustainable and universally designed practices for outdoor education programs. To provide our students with the best professional-level knowledge and skill,

we embed cutting-edge curricula throughout our courses in the areas of Access and Diversity and Responsible Environmental Impact in the following ways.

### **Access and Diversity in Outdoor Education**

Students explore ways to include under-represented and marginalized populations in outdoor education. In select courses each semester, faculty and students work together to incorporate universal design into outdoor education activities, programs, and professional skill development. When congruent with course intent, students apply skills and knowledge in community-based experiences in support of under-served populations.

### **Responsible Environmental Impact in Outdoor Education**

In select courses each semester, faculty and students work together to study popular practices of the outdoor education profession and to identify and apply alternatives that reduce adverse impacts on our natural environments and human societies by using the As Sustainable as Possible (ASAP) model developed by Northland College Students and faculty.

Outdoor Education Major (B.S.)

Major Requirements:

- OED 221 - Group Process & Leadership **4 Credits**
- OED 261 - Environmental Education Curriculum Review **4 Credits**
- OED 270 - Facilitating Challenge Course Programs **4 Credits**
- OED 276 - Foundations and Principles of Outdoor Education **4 Credits**
- OED 328 - Wilderness Writers & Philosophers **4 Credits**
- OED 424 - Outdoor Education Programming & Risk Management **4 Credits**
- OED 496 - Outdoor Education Capstone **4 Credits**

- OED 210 - Inclusive Outdoor Education **3 Credits**

**OR**

- OED 279 - Access & Diversity **3 Credits**

- OED 332 - Winter Travel & Living Skills **4 Credits**

**OR**

- OED 446 - Wilderness Instructor Training **4 Credits**

## Outdoor Educator Professional Development Block:

**(Taken concurrently during the fall term of the junior-year)**

- OED 237 - Woodcraft and Woodland Skills **2 Credits**
- OED 324 - Water Skills & Water Travel **5 Credits**
- OED 326 - Woodcraft, Land Travel, & Camping Skills **5 Credits**
- OED 381 - Outdoor Education Teaching Techniques **5 Credits**

## Emphases:

To complete a major in Outdoor Education, choose one of the following emphases.

### Therapeutic and Universal Design Emphasis:

- OED 437 - Universal Design Laboratory **4 Credits**
- OED 439 - Therapeutic Principles & Practices **4 Credits**
- 2 to 4 credits in Relevant field experience, Independent Study, Research or Teaching Assistant.

### Natural History and Interpretation Emphasis:

- OED 361 - Interpretive Program Design **3 Credits**
- OED 362 - Apostle Island School Preparation **0-1 Credits**
- OED 363 - Apostle Islands School **4 Credits**
- OED 425 - Advanced Topics in Natural History **4 Credits**

### Wilderness Leadership Emphasis:

Two from the following:

OED 330 and 331 must be approved.

- OED 330 - NOLS Course **1 Credits**
- OED 331 - Outward Bound Course **3 Credits**
- OED 332 - Winter Travel & Living Skills **4 Credits**
- OED 446 - Wilderness Instructor Training **4 Credits**
- Completion of OED 332 or OED 446, whichever is not completed in the core requirements, or an approved outdoor adventure education 21-35 day course.

One from the following:

- Wellness Curriculum Level 4 certification in climbing or paddling

- American Canoe Association Instructor certification or equivalent in one discipline
- AMGA Single Pitch Instructor certification or equivalent

#### Individualized Emphasis:

- Worked with an OED faculty adviser to design an appropriate emphasis for an area of professional interest (9 credits minimum).

Total Outdoor Education Major Credits 61-65

#### Outdoor Education Minor

##### Minor Requirements:

- OED 221 - Group Process & Leadership **4 Credits**
- OED 261 - Environmental Education Curriculum Review **4 Credits**
- OED 276 - Foundations and Principles of Outdoor Education **4 Credits**
- OED 328 - Wilderness Writers & Philosophers **4 Credits**

##### Additional Requirements:

- Completion of two land skill courses and two water skill courses at Level 2 or greater in the Northland College Wellness Co-curriculum.
- Land Skills: Backpacking, Wilderness Navigation, Earth Skills, Rock Climbing.  
Water Skills: Canoeing, Coastal Kayaking, River Kayaking.

#### **OR**

- Completion of an Outward Bound or National Outdoor Leadership School Course of 25 days or longer.

Total Outdoor Education Minor Credits 16-20

#### Physics

A minor in physics offers coursework covering the basic principles and scientific techniques of physics. It includes advanced instruction in atmospheric physics, thermodynamics, classical mechanics, and modern physics.

As the broadest of the sciences, physics offers rigorous problem-solving training that is applicable across the disciplines. A minor in physics is a particularly appropriate complement to majors or advanced studies in biology, chemistry, meteorology, geology, engineering, and computer science.

## Physics Minor

### Minor Requirements:

- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PHY 111 - General Physics II **4 Credits**
- PHY 330 - Thermodynamics **3 Credits**
  
- An additional 6 PHY credits.

Total Physics Minor Credits 25

### Pre-Professional

Most professional schools advise prospective students to obtain a solid foundation in the liberal arts as the best preparation for admission. Consistent with this advice, Northland College does not offer designated pre-professional majors; instead, students interested in pursuing a professional degree after graduation from Northland are encouraged to complete a regular major and to choose elective courses that further prepare them for the professional field of their choice.

For assistance in developing an undergraduate course of study that will facilitate admittance into specific professional schools, students are encouraged to research the requirements of specific professional schools in their areas of interest and to meet with Northland College faculty members who have been designated as pre-professional advisors.

The recommendations below are intended to provide general guidance for students interested in pursuing post-baccalaureate professional training.

### Pre-Law

The American Bar Association, the American Association of Law Schools, and pre-law advising organizations all agree that a solid liberal arts education is the best preparation for law school. Because of this, law schools accept students with a wide variety of majors and backgrounds.

Northland College encourages students interested in pursuing a law degree to meet with the pre-law faculty advisor, Paul Schue. Students are also encouraged to select a major that has relevance to the type of law they expect to practice in the future and to pursue a course of study that hones the following skills and values—all of which are crucial to the successful practice of law:

- analytical and problem solving skills;

- critical reading skills;
- writing skills;
- oral communication and listening skills;
- general research skills;
- task organization and management skills;
- values of serving faithfully the interests of others while promoting justice.

Finally, because law school curricula are demanding and because law schools look for demonstrated achievement by applicants, students interested in attending law school should select challenging courses and develop the self-discipline required to do well in those courses.

## Pre-Medicine

### **(including Dental)**

The American Association of Medical Colleges recommends a solid liberal education preparation for medical science professions. Students planning to enter medical science professions should pursue a course of study that meets professional school entrance requirements, regardless of major. In addition, students should plan extracurricular time for volunteer and service activities and to prepare for the MCAT exam.

Because entrance requirements change from year to year and differ among schools, students are encouraged to work closely with the pre-med advisor, Wendy Gorman, and to become familiar with the requirements of the professional schools to which they plan to apply. In general though, the following coursework is recommended (please note that AP credit may not be accepted at some medical schools without taking additional college courses):

- two semesters of inorganic chemistry with lab;
- two semesters of organic chemistry with lab;
- one semester of biochemistry;
- two semesters of physics with lab;
- one semester of calculus;
- one semester of statistics;
- two semesters of biology (one of which is advanced);
- writing as a stand-alone course or another course with an extensive writing requirement;
- courses in the humanities and social sciences in preparation for the social, psychological, and economic aspects of medical practice.

## Pre-Ministry

Consistent with other pre-professional studies, seminaries and divinity schools encourage a solid, broad liberal arts course of study as the best preparation for success at the

graduate level. Students must work closely with the Pre-Ministry advisor, David Saetre, to determine the best course of study for the denomination and seminary of choice.

This course of study will include a major relevant to the kind of ministry a student intends to pursue. For example, a student interested in Outdoor and Camping Ministries should take advantage of the college's strong program in Outdoor Education combined with general studies in the humanities and in religion. Students interested in parish ministry should select a major in the humanities or the social sciences with additional course work in religion.

Pre-Ministry students must also choose courses that develop critical thinking and communication skills as they prepare for graduate seminary studies. These skills include analytical thinking, clear and concise writing, critical reading, oral communication, independent research, and task management. Students will further enhance their success by developing their knowledge of intellectual history, including religion and philosophy. Finally, students should choose courses that help them grow intellectually and personally—courses that challenge the heart as well as the mind—in order develop the depth of character and the appreciation of others that ministry requires.

#### Pre-Veterinary Medicine

The Association of American Veterinary Medicine Colleges recommends a solid liberal education preparation for veterinary medicine professions. Students planning to enter veterinary science professions should pursue a course of study that meets professional school entrance requirements, regardless of major. In addition, students should plan extracurricular time for volunteer and service activities and to prepare for the GRE exam.

Because entrance requirements change from year to year and differ among schools, students are encouraged to work closely with the pre-vet advisor, Wendy Gorman, and to become familiar with the requirements of the veterinary schools to which they plan to apply. In general, though, the following course work is recommended (please note that AP credit may not be accepted at some veterinary schools without taking additional college courses):

- one semester of general biology or zoology with lab;
- one semester of genetics;
- one semester of microbiology;
- two semesters of inorganic chemistry with lab;
- two semesters of organic chemistry with lab;
- one semester of biochemistry;
- two semesters of physics with lab;
- one semester of calculus;
- two semesters of writing or courses with an extensive writing requirement;
- courses in humanities and social sciences in preparation for the social, psychological, and business aspects of veterinary practice.



## Psychology

The minor in psychology focuses on appreciating and understanding the human condition from a scientific, psychological point of view. Students completing the minor in psychology possess a breadth of knowledge pertaining to the major principles, theoretical approaches, and findings in psychology.

Students develop an understanding of the relevance and applicability of psychological principles, approaches and findings to individual, group and social issues. Of particular focus are applications that are relevant to the relationship between humans and nature. A psychology minor is richly supportive of any major as it prepares students to understand and analyze the social and psychological processes at work in any field of study or practical endeavor.

### Psychology Minor

#### Minor Requirements:

- PSY 110 - General Psychology **4 Credits**
- Two, 200-level psychology (PSY) courses **6 Credits**
- One, 300-level psychology (PSY) course **3 Credits**

#### Additional Requirements:

An additional 9-10 credits from one or more of the following categories: 9-10 Credits

- any PSY courses not previously completed
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- SOC 370 - Social Science Research Methods **4 Credits**

Total Credits 22-23

## Religion

### Religion Minor

See requirements below:

#### Minor Requirements:

- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 220 - Myth & Ritual **3 Credits**
- REL 229 - Idea of God **3 Credits**

- REL 230 - Asian Religions & Philosophies **3 Credits**
- An additional 6 REL credits.

One of the following:

- IDS 280 - Trekking Planet Japan **4 Credits**
- IDS 281 - Spring in Italy **4 Credits**
- REL 257 - Death & Dying **3 Credits**

One of the following:

- REL 315 - Christian Thought **3 Credits**
- REL 330 - Islam **3 Credits**
- REL 331 - Zen Buddhism **3 Credits**

Total Religion Minor Credits 24-25

### Sociology and Social Justice

The objective of the Sociology and Social Justice program is to provide students with both a theoretical and practical understanding of the discipline of sociology and the interdisciplinary field of social justice. One comprehensively designed program will prepare students for graduate studies and give them practical skills for involved citizenship at the local, state, national, and even global level. Constructive approaches to the pressing issues of identity, equality, resource distribution, diversity, and environmental sustainability will be explored at the personal, governmental, and societal levels. Core questions of the program include: How are democracy, equality, environmental protection, and sustainability to be achieved? Students in the program are strongly encouraged to take advantage of experiential opportunities through internships, volunteer opportunities, travel-study and community justice work.

Students completing the program will have developed skills in critical analysis, conflict resolution, various social science research methods, writing, public presentations, and socially responsible citizenship. The strong emphasis on theory and research methods ensures that graduates will be well qualified for graduate studies in a variety of fields.

### Sociology and Social Justice Major (B.S.)

Major Requirements:

- IDS 105 - Introduction to Social Responsibility **4 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 226 - Social Movements **3 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**

- SOC 370 - Social Science Research Methods **4 Credits**
- SOC 448 - Sociological Theory **3 Credits**
- SOC 488 - Capstone in Sociology & Social Justice **4 Credits**

Emphases:

To complete a major in Sociology and Social Justice, choose one of the following emphases.

Justice Emphasis:

Nine to twelve credits from the following:

(6 credits must be 300-level or above)

- REL 270 - Religion & Human Rights **3 Credits**
- SOC 125 - Social Problems **4 Credits**
- SOC 130 - Workshop in Conflict Resolution **4 Credits**
- SOC 315 - Sociology of Community **3 Credits**
- SOC 332 - Crime, Deviance, & Social Justice **3 Credits**
- SOC 341 - Sociology of the Environment **3 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**
- SOC 374 - Human Rights & Social Justice **3 Credits**
- SOC 472 - Advanced Justice Studies **4 Credits**

One of the following:

- BUS 346 - Social Entrepreneurship **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- REL 330 - Islam **3 Credits**
- SOC 214 - Native Americans in Modern Society **3 Credits**

An additional 3-4 credits of the following:

- SOC 291 - Field Experience  
**OR**
- SOC 491 - Field Experience
- SOC 292 - Internship  
**OR**
- SOC 492 - Internship

Sociology Emphasis:

Nine to twelve credits from the following:

(6-8 credits must be 300 or above)

- SOC 125 - Social Problems **4 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 301 - Mass Media & Popular Culture **3 Credits**
- SOC 302 - Sociology of Culture **3 Credits**
- SOC 315 - Sociology of Community **3 Credits**
- SOC 332 - Crime, Deviance, & Social Justice **3 Credits**
- SOC 341 - Sociology of the Environment **3 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**
- SOC 290 - Independent Study **3-4 Credits**

**OR**

- SOC 490 - Independent Study **3-4 Credits**
- SOC 292 - Internship **3-4 Credits**

**OR**

- SOC 494 - Internship **3-4 Credits**

One of the following:

- BUS 346 - Social Entrepreneurship **3 Credits**
- IDS 280 - Trekking Planet Japan **4 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 240 - Cultural Ecology **3 Credits**
- SOC 343 - Australian & New Zealand Culture **4 Credits**

Total Sociology and Social Justice Major Credits 41-49

Sociology and Social Justice Minor

Minor Requirements:

- IDS 105 - Introduction to Social Responsibility **4 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 448 - Sociological Theory **3 Credits**
- An additional 6-8 SOC credits.

Total Sociology and Social Justice Minor Credits 24-26

### Sustainable Community Development

*"Northland College aims, by academic excellence and sustainable practice, to lead the way to a world where integrated natural communities can thrive together indefinitely."*

The Sustainable Community Development major is designed for students who are interested in the interdependence of environmental, economic, and social issues and who want to strengthen their abilities to become effective community change agents. Sustainable Community Development offers courses in a wide range of areas including the theory and practice of Sustainable Community Development, community-building, co-operative economies, globalization, and social enterprises and leadership for Sustainable Community Development.

Students and faculty study the relationships among theory, practice, values, social and institutional structures, and various socio-environmental change processes. The program is designed to integrate knowledge gained in an academic setting with learning acquired through volunteer work, personal experience, internships, the programs of the Sigurd Olson Environmental Institute, and the experiences of regional community members. Central to this curriculum is the development of the whole person-a process that emphasizes social values, creativity, and the recognition that community involvement is necessary for individual growth and the enrichment of our society.

Sustainable Community Development majors prepare for careers in diverse areas such as government service, environmental consulting, urban & rural land-use planning, economic development, community development, and Director of Sustainability positions in both the public and private sector.

### Sustainable Community Development Major (B.A.)

#### Major Requirements:

- BIO 115 - Concepts of Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- ECN 310 - Environmental Economics **3 Credits**

- GIS 201 - Introduction to Geographic Systems **4 Credits**
- IDS 105 - Introduction to Social Responsibility **4 Credits**
- IDS 320 - Living & Working in a Multicultural Context **3 Credits**
- MTH 107 - Statistical Concepts & Analysis **4 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 210 - Social Marketing & Environmental Communication **3 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 310 - Methods of Sustainable Community Development **3 Credits**
- SCD 422 - Capitalism, Justice, & Sustainability **3 Credits**
- SOC 315 - Sociology of Community **3 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**

- SCD 492 - Internship **4 Credits**

**OR**

- SCD 497 - Senior Capstone **4 Credits**

Total Sustainable Community Development Major Credits 60

Sustainable Community Development Minor

Minor Requirements:

- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 310 - Methods of Sustainable Community Development **3 Credits**
- SCD 422 - Capitalism, Justice, & Sustainability **3 Credits**
- SOC 315 - Sociology of Community **3 Credits**
- SOC 368 - Sociology of Global Change **3 Credits**

Total Sustainable Community Development Minor Credits 24

Writing

The Writing program combines the formal study of English literature with practice in the art and craft of writing fiction, poetry, and creative non-fiction. Coursework for Writing majors and minors includes a full range of classes in the genres, from introductory courses to advanced workshops. Because an understanding of the literary traditions in which they work is essential to the development of serious writers, writing students at Northland are also immersed in the study of literature.

Northland is home to a vibrant community of writers: students and faculty publish their writing locally and nationally, regularly give public readings, and work with visiting writers who conduct workshops and read at the College. A variety of campus publications, including Mosaic, Northland's undergraduate literary journal, provide ample opportunities for students to work in local publishing and to find audiences for both creative writing and journalism. The annual Barbara Bretting Creative Writing and Photography Awards offer monetary prizes for outstanding student creative work. Writing students take their studies beyond the classroom through internships in professional settings; these experiences allow them to explore career interests and gain on-the-job skills.

Career possibilities for graduates in Writing include editing for publishing companies, writing for magazines, and working in public relations, marketing, technical writing, teaching, or other occupations that require one to write well, read perceptively, and communicate effectively.

### Writing Major (B.A.)

#### Major Requirements:

- ART 260 - Black and White Film Photography I **3 Credits**
- ENG 387 - The English Language **4 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**
- WRI 361 - Creative Writing Fiction **3 Credits**
- WRI 362 - Creative Writing Poetry **3 Credits**
- WRI 492 - Internship **3 Credits**
- An additional 15 ENG or WRI credits, at least 9 of which must be ENG.

- WRI 224 - News Writing & Reporting **3 Credits**

#### OR

- WRI 363 - Writing Literary Nonfiction **3 Credits**
- WRI 461 - Seminar in Fiction Writing **4 Credits**

#### OR

- WRI 462 - Seminar in Poetry Writing **4 Credits**

Total Writing Major Credits 41

Writing Minor

Minor Requirements:

- WRI 260 - Introduction to Creative Writing **3 Credits**
- WRI 461 - Seminar in Fiction Writing **4 Credits**

**OR**

- WRI 462 - Seminar in Poetry Writing **4 Credits**
- An additional 9 WRI credits or 6 WRI credits and ART 260 - Black and White Film Photography I **9 Credits**
- An additional 6 ENG credits

One of the following:

- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 361 - Creative Writing Fiction **3 Credits**
- WRI 362 - Creative Writing Poetry **3 Credits**
- WRI 363 - Writing Literary Nonfiction **3 Credits**

Total Writing Minor Credits 25

Specialized Undergraduate Courses

Northland College provides students with the opportunity to further develop their skills and/or knowledge in a specific field of interest through these special options. These courses are offered in several disciplines to fit into the student's major or minor area of study at the 200 and 400 course levels. The exception is the senior capstone which is at the 400 level only. The difference between 200 and 400 level courses is the rigor and application of skills and knowledge that will be deployed. To register for any of these options a student must complete the Special Course Registration form available through the Registrar's Office. This form needs to be filled out in its entirety, including details regarding the course as well as the signature of the instructor and the student's faculty advisor. The instructor must be a member of the academic department to which the course is being assigned. This form must be turned into the Registrar's Office by the end



of the add/drop period of the term in which the students will be participating in the special course. No more than 12 Internship, Field Experience, Research Assistant, or Teaching Assistant credits may be applied towards requirements for the baccalaureate degree. Students should talk with their academic advisor for more information regarding these options.

## **Independent Study**

A student may pursue an independent study course in a subject of special interest to carry out an in-depth investigation or apply some theoretical knowledge to an actual working situation. Students who most benefit from independent study courses are mature, self-disciplined, and highly motivated. Students must have specific objectives clearly defined for their coursework and work with a chosen faculty member, who will serve as a consultant and evaluator. Independent study course opportunities are limited to students in good academic standing who have a 3.0 cumulative grade point average in the previous session of enrollment. Students will receive a letter grade for the course.

## **Field Experiences and Internships**

A student may receive academic credit for a field experience and/or internship. Students who wish to participate in either course must make arrangements with a faculty member to develop a course description that includes goals the student has for the experience and appropriate evaluation criteria. A supervisor from the cooperating organization will submit an evaluation halfway through and at the end of the student's experience to the faculty member in order to confirm that the student has met the pre-arranged criteria. The faculty member will assign a grade at the end of the experience based upon the supervisor's evaluation, a final debrief with the student, and any other work the student has agreed to submit. Students will earn either a Satisfactory (S) or Unsatisfactory (U) grade. Internships and Field Experiences should be treated like any other academic course with the work started and completed during the term the student is enrolled for credit.

Students should register for an Internship if the experience:

- Will primarily increase the knowledge of the student while benefiting the cooperating organization
- Meets all criteria developed for a certain department's internship (see website for specific internship criteria)
- Will include training or mentoring in new skills and knowledge

Students should register for a Field Experience if they will:

- Be providing significant support for the cooperating organization with less focus on new learning

- Meets all the criteria for an academic experience but does not meet the criteria for internship

A field experience or internship course is a way to gain practical, hands-on work experience in a particular field of interest. Students may pursue such opportunities locally or elsewhere and may receive pay for their experiences. In the region, there are diverse opportunities available with state and federal governmental agencies, non-profit organizations, for-profit organizations, tribal governments, municipalities, on-campus, and others. For more information regarding field experiences or internships, contact your faculty advisor or the Coordinator of Applied Learning.

## **Teaching and Research Assistantships**

A student may serve as a teaching or research assistant for a course with approval from the instructor. As a teaching assistant, a student assists the instructor in classroom activities, student training, or material preparation for a course in which s/he has particularly strong skills or experience. Students are eligible to receive some credit for these experiences but no more than the credit value of the course. As a research assistant, a student performs library, laboratory, or survey research under the direction of a faculty member on an issue, topic, or project that the faculty member is investigating. Students will receive letter grades for their work.

*Note: Teaching and research assistant opportunities are limited to students in good academic standing.*

## **Senior Capstone**

All students must complete a Senior Capstone or Senior Thesis course that demonstrates their composite knowledge from four years of work. Students work with faculty in their major fields of study (or take a multi-disciplinary approach) to design a specialized project that reflects senior-level work. Projects vary across disciplines and may include successfully completing a 400-level course, carrying out an in-depth research project, or writing and presenting a paper similar to a graduate-level thesis. Public presentations in all disciplines are encouraged so the student can share his or her knowledge with others. Faculty members provide guidance for and assessment of capstones. Several departments regularly offer a senior capstone class while others require that students register using the Special Course Registration Form. See the listing of courses or your faculty advisor for more information regarding capstone options.

### **Academic Advising**

Building relationships with faculty and staff are among the most important experiences in a student's college education. In recognition of this, all full-time faculty and selected staff members serve as academic advisors.

Prior to a new student's arrival on campus, The Office of Student Life works with academic advisors to register incoming students. This process begins after a student has been accepted to the College and paid the enrollment deposit.

During the first year, students are assigned to an academic advisor based on their anticipated major, their schedule of courses, or their interests. Northland College takes great care in choosing the student's first academic advisor. New students meet with their academic advisor during Orientation. After the first year, students may change advisors as their interests and needs evolve.

Advising is an ongoing process of helping the student clarify and evaluate academic plans and goals. Advisors assist students with course selection each semester, creating and updating the four-year academic plan. Advisors also share information about potential pre-professional experiences such as internships, special training, certifications, and research opportunities.

If there are questions about academic advising, please feel free to contact the Office of Student Life at [studentlife@northland.edu](mailto:studentlife@northland.edu).

## Campus Life

### **Living and Learning at Northland**

Northland is a community that appreciates the diverse gifts and talents of each individual. To assist students in reaching their potential, we offer a variety of student activities, learning opportunities, and support services. There are many offices, departments, and people on campus that engage students in both living and learning outside the classroom. These include the Division of Student Life, the Athletic Department, the Northland College Student Association, music and theatre opportunities, Information Technology, Food Service, Campus Safety, and the Library staff.

### **The Division of Student Life**

A Northland College education is uniquely designed to engage students inside and outside the classroom with both formal and experiential opportunities. The Division of Student Life has developed a set of intentional learning strategies that engage students in a variety of workshops, activities and experiences tailored to enhance their lives outside the classroom. The goals of this co-curriculum are structured so that graduates will:

- Develop a well-rounded and balanced life.
- Ethically guide the work of self and others towards common goals.
- Exhibit their core values and apply those values to important decisions in every aspect of their lives.

## **Student Learning**

The co-curriculum was created to enhance learning opportunities for students. There are two Centers that direct portions of this learning: the Center for Wellness and Lifelong Learning and the Center for Ethical Leadership and Active Citizenship. Each Center has designed a unique set of learning objectives for students to complete during their undergraduate study. Additional learning experiences are available through the offices of Applied Learning, Orientation, Edventures, and Sustainability.

## **Internships and Applied Learning**

The opportunity to enhance classroom learning with “real world” experiences is a central feature of a Northland education. These experiences include internships, externships, seasonal employment, and volunteer options.

**For-credit internships:** Northland College recognizes the value of internships as part of the learning experience. In some areas of study, internships are required while in others, they are optional. Students work with a faculty sponsor to create for-credit internships. These can be paid or unpaid, and typically happen over the course of a semester, a school year, or the summer. Northland College has developed internship partners who are passionate about sharing their knowledge with students. Opportunities with for-profit, non-profit, and state and federal governmental agencies offer a diverse array of placements for students to choose from based on their learning goals.

**Paid and unpaid internships:** Students engage in a variety of internship experiences that broaden their experiences or focus their learning and refine their vocational goals. Summer is a typical time when students engage in these internships.

## **The Center for Wellness and Lifelong Learning**

This Center provides an intentional co-curriculum of workshops and learning experiences that encourage students to develop a well-rounded and balanced life. The Center helps students develop multiple ways of knowing the self, others, and the world; and it empowers students to engage actively in life’s challenges by making ethical and fulfilling choices grounded in a rich sense of identity, positive disposition, and healthy habits over a lifetime. We do this by offering a wide array of workshops each semester that encompass one or more of eight wellness dimensions, described below.

**Students must fulfill co-curricular wellness requirements in addition to curricular requirements, in order to receive a baccalaureate degree. First-year students are also required to complete a First-Year Experience (FYE) course.**

In order to satisfy the graduation requirement, each student needs to complete a workshop from each of the eight Wellness dimensions listed below. While some workshops will focus solely on a single wellness dimension, many workshops will cover multiple dimensions. Most students can satisfy the requirement with 4-5 workshops. Students can complete the requirements anytime during their undergraduate experience however we recommend starting the program during the first semester of attendance.

Transfer students are required to complete all 8 Wellness requirements in order to satisfy degree requirements at Northland College. Transfers and non-traditional students may complete up to 2 dimensions via the prior life experience petition. Petitions must be approved by Co-curricular Council. Any student may complete up to 2 dimensions through council pre-approved advanced study or Attending a Professional Conference options.

## **The Center for Ethical Leadership and Active Citizenship: Applied Learning**

The Center for Ethical Leadership and Active Citizenship is designed to support and foster growth in students who want to explore leadership and service in their communities. The Center's curriculum leads participants in identifying strengths, acting from their values, provides the tools to lead towards a common goal, and offers the necessary resources to implement a vision for the greater good. After completing both levels, participants can design their own practicum to earn the title of Certified Ethical Leader or Certified Active Citizen. This program is a must for any students wishing to distinguish themselves outside of the classroom.

Students enrolled in this Center participate in a wide variety of leadership and service opportunities both on campus and in the community. Workshops focus on teaching and practicing leadership skills, such as: running effective meetings, exploring values, conflict resolution, citizenship, setting group goals, social and natural capital, collaborative decision-making, diversity, the ethics of power, and much more.

Upon completion, participants can choose up to three Wellness dimensions to earn credit in, receive special recognition at Honor's Day and graduation, will receive a statement of certification on their co-curricular transcript, and are eligible for campus leadership positions.

## **Outdoor Orientation**

Northland is intimately tied to its surrounding landscape. What better way to start your time here than exploring that landscape? We believe in the importance of sharing this adventure with your fellow new students, so we have made it part of the requirement of the First Year Experience Program. OO is a time to meet people, explore the surrounding area (all the OO trips are within 90 miles of campus), and start creating your unique place at Northland.

These trips are required for first-year students and optional for transfer students. The Northland Outdoor Orientation program is unique in the country for our committed student leadership, the wide variety of locations for trips, and our growing commitment to sustainability. We offer land-and water-based trips for a wide range of student experience, from novices to outdoor enthusiasts.

All Northland Outdoor Orientation trips are student led. Highly skilled and extremely competent leaders undergo group facilitation, backcountry skills, and wilderness medicine training. Each year the trips are different, as students create unique experiences for each incoming class.

## **The First Year Experience**

The First Year Experience (FYE) program is designed to engage new Northlanders in the richness and diversity of student life. We want our students to make the most of their whole Northland experience, and the FYE program is a primer on how to do that. Participation in an Outdoor Orientation trip kicks off the FYE program, taking place before classes begin.

Following the trips, first-year students participate in a sequence of planned events and activities over the first half of the semester, both on campus and in the local area. Students are assigned to an FYE section with 8-10 students and an upper-class student instructor, and will participate in activities with their section or in large-group activities with multiple FYE sections. The First Year Experience program is a requirement for graduation.

## **Sustainability**

At Northland College, sustainability is all about people. We believe that environmental change requires more than technical knowledge of renewable energy, ecosystems, and sustainable business practices; it demands an exploration of human nature--an exploration of ourselves. We focus on environmental leadership throughout the student experience at Northland. Students participate in all levels of our campus life--from volunteering to enhance our "commons," to work study jobs that support our green features, to capstone projects that help our college innovate. Students are active in governance, strategic planning, and vision setting. They are not just tomorrow's environmental leaders; Northland students are creating a more sustainable future now.

Northland is a national leader in the opportunities it provides students to take an active role in changing the way the campus does business. The students with work-study positions in campus sustainability graduate with skills that position them for careers in the growing field of sustainability. Some examples of work study positions in sustainability:

- Bike Shop Coordinator
- Energy Awareness Educator
- Food Composter
- Food Systems Educator
- Humanure Coordinator
- Sustainable Landscaping Coordinator
- Transportation Educator
- Recycling Coordinator

- Mino Aki Gardens Coordinator
- Strawbale House Manager
- Web Communications Specialist

## **Student Government and Organizations**

Student organizations on campus include religious groups, political organizations, social fraternities, and academic and recreational interest groups. Student organizations wishing to make use of Northland College facilities or to use the name of Northland College in communications, publicity, and records must obtain permission from the Northland College Student Association (NCSA). Student organizations must meet the NCSA standards and follow NCSA procedures for recognition. In addition, student organizations need to file a copy of their constitution and a list of officers with the NCSA each academic year.

## **Northland College Student Association**

NCSA takes a leadership role in helping the College walk its talk through the efforts of the NCSA Sustainability Director and through projects financed through the Renewable Energy Fund (REF).

Students on Environmental Council draft a variety of proposals for NCSA to consider through the REF.

Participatory democracy is a reality at Northland. Student government through the Northland College Student Association (NCSA), Inc., operates as a non-profit corporation with all students being members of the association. In working with the Faculty Council and the College administration, the association exercises intelligent judgment in issues of concern to all. The Executive and Legislative branches function cooperatively in seeking to provide meaningful programs that are educationally, socially, and administratively relevant to the needs and desires of students. The Student Senate supervises the expenditure of NCSA's budget, obtained through student fees.

Association committees plan, coordinate, and execute the policies adopted by the Student Senate.

The constituency-oriented Senate functions within this framework of "balance of power" and democratically represents all the students of the College.

## **Student Support Services**

The Division of Student Life provides support to students to enhance their success while at Northland. This support includes:

### **Academic Peer Tutoring**

Northland provides instructional peer tutoring that's available for all students free of charge. This program of academic support, facilitated by the Student Life office in

conjunction with outstanding upper-class students (recommended by the faculty in the particular discipline) provides academic tutoring in a wide variety of subject areas and also for many blocked courses. Additionally, supplemental instruction and support in writing is available. Academic tutor schedules are published each semester; they are distributed to students electronically through email and via the My Northland portal, and paper copies are available in all academic buildings and residence halls.

### **Career Education Center**

Opportunities to connect your strengths and interests to explore career paths, along with developing skills and testing your career choices by gaining experience, are available at Northland. Your educational preparation at Northland, combined with comprehensive career planning, and gaining successive pre-professional experiences in your chosen field, will effectively prepare for life both now and after Northland College. Whether you choose further education in the form of graduate or professional school, and/or employment after college, your Northland education and pre-professional experiences will help successfully leverage those next steps in your life plan.

### **Multicultural Services**

Students that attend Northland represent a wide range of cultural populations. Preparing students for life in an increasingly diverse, global society is the focus of Northland's multicultural support services. Individual support is available to help students successfully address the challenges and rewards of college life. Workshops, presentations, programs, social activities, along with student-directed organizations, (Native American Student Association, the GLBTQAI Alliance), provide a rich assortment of educational programming and support in group settings. Support services geared specifically toward the unique needs of international students include helping students understand Northland's academic requirements, regulations, and programs; helping students adapt to the culture of Northland College; and assisting students on the numerous issues regarding maintaining status as a non-immigrant (F-1) student.

### **Spiritual Life**

Spiritual life at Northland College includes a variety of opportunities. Recognizing the diversity of students' spiritual backgrounds, most on-campus activities reflect Judeo-Christian, East Asian, and Native American world views. Campus Ministry at Northland:

- encourages renewal through personal counseling, spiritual retreats, and social gatherings;
- invites dialogue and action through talking circles, movies, and service projects;
- offers traditional Christian worship services, Native American rituals, and other spiritual celebrations;
- coordinates projects that focus on a commitment to serving others;
- encourages those students seeking a faith community to reach out to fellowships in the Chequamegon Bay area.



# Residential Living

Residence hall living is part of the total educational experience at Northland College. It provides an environment that is conducive to personal growth and an opportunity to develop a sense of community with student peers. In the residence halls, students live in close proximity, and this living pattern assists students as they continue their maturation process.

The Office of Residential Life is dedicated to promoting a healthy living and learning environment for all students. Upper-class students are hired as Residence Hall Directors and Resident Advisors to live in the residence halls. In addition, professional staff members provide program oversight and staff training.

Northland College requires all freshmen and sophomores to live on campus. Exemptions are granted for married students, students from the greater Ashland area who are living with their parents in a primary residence, Armed Forces veterans, or students who turn 21 years of age prior to September of the academic year for which they are enrolled. Questions regarding exemption eligibility should be addressed to the Director of Residential Life.

The Northland campus has six residential facilities, each with its own distinctive personality.

- **Fenenga Hall** is a coeducational facility and the largest residence hall on campus with the capability of housing approximately 160 students. Its ravine-facing rooms are popular options for students who want a "naturescape" view.
- **Memorial Hall** is our historic residence hall and provides housing for approximately 80 women. Its charm, fireplace lounge, and uniquely shaped rooms contribute to its popularity.
- **McMillan Hall**, constructed in 1964, is a coeducational residence hall that houses approximately 115 students. Its location, adjacent to the gym and pool, appeals to many of its residents.
- **Mead Hall** is the smallest residence hall on campus, housing approximately 50 students. Due to its small size, Mead is a unique and close residence hall community with a great deal of interaction between its residents.
- **Townhouse apartments** provide an alternative housing option for 32 upper-class students. These two-bedroom, two-bath apartments enhance an independent lifestyle and are conveniently located on campus.
- **The McLean Environmental Living and Learning Center (MELLC)** is a two-story building consisting of three wings that house 114 students. Resource efficiency and renewable energy sources are integral components. Besides high energy- and water-efficiency features, the building contains four renewable systems: a 120-foot wind tower with a 20 KW capacity, three photovoltaic arrays mounted on trackers that position the arrays to follow the sun, fourteen solar panels preheat hot water for residential use, and composting/waterless toilets in

two of the apartments. The building also has a passive solar design and two attached greenhouses.

## **Counseling Support**

Counseling support is available to all students at Northland College. Services are provided in a safe and confidential manner. The college counseling office strives to provide the support necessary to allow for the development of balanced and healthy students who have the tools necessary to be actively engaged in the world around them. Support includes individual counseling on a variety of topics such as healthy relationships, time/stress management, depression, anxiety, self-esteem, grief and loss issues, and crisis intervention. Referral to off-campus providers is also provided.

## **Health Services**

Northland College Health Services Department is staffed by a registered nurse and also served by local physicians who see students on campus once a week and at the clinic by appointment. These physicians are available for consultation at all times when the campus nurse is seeing students. The campus nurse assesses students for signs and symptoms of minor to major medical and emotional disorders. Students are advised regarding self-care for their condition or referred to higher levels of care as needed and in consultation with local physicians. The campus nurse offers CLIA waived testing for strep A, pregnancy, and urinary tract infections. Over the counter medications for pain, cold symptoms, allergies, and other minor concerns are available through the campus nurse. Bandages and other first aid materials are available, along with instructions for use. Immunizations are administered as ordered by physicians. The campus nurse prepares and delivers proactive educational materials to the student body on a variety of health topics impacting the college community. The nurse offers information and guidance for a variety of concerns, including birth control options, coping, substance abuse, disease process and prevention, healthy lifestyles, and more. An effort is made to connect with students at their level and to provide comprehensive care for each individual, with attention to physical, psychological, social, academic, and spiritual health, within the scope of nursing practice.

The College requires proof of insurance for every student enrolled full-time. If proof is not provided, students will be charged for a school-sponsored plan.

## **Special Services: Services for Students with Special Needs**

Direct services for students with special needs are provided on an individual and flexible basis. Services provided include problem resolution, advocacy, and help with adaptive equipment, tutoring, and other accommodations for academic assistance. In addition, the Office of Student Life acts as liaison to College offices, professional health and counseling services, and vocational rehabilitation programs.

Students who have special needs may use these services with the following considerations: These services are available to students who provide documentation from a qualified professional that indicates a student's need for assistance. Requested accommodations are to be used for the purpose of academic assistance.

## **Outdoor Gear Rental**

A unique fixture at Northland College, the Outpost offers high-quality, low-cost gear for students to rent. The Outpost is full of tents, backpacks, boats of all flavors, and skis (cross-country, telemark, downhill) to match anyone's ability level. We have nearly every kind of outdoor gear a student might need to be outside recreating in every season of the year, so get out and play! The Outpost serves as a consignment shop for gently used gear, which allows students to sell their old gear and possibly upgrade at a lower price. We outfit Outdoor Orientation trips, class trips, Wellness workshops, community requests, individual students and more. Outpost: Start your adventure here!

## **Athletics**

The Northland College athletic program supports the educational mission of the College by providing programs that develop the principles of fair play in amateur competition, that encourage the academic success and health and welfare of student-athletes, and that emphasize high standards of sportsmanship and ethical conduct. The College also strives to develop athletic programs that provide fair and equitable treatment of men and women and to promote a sense of community across campus.

The athletic program is the responsibility of the Athletic Department, under the direction of the Athletic Director. The Athletic Advisory Board provides guidance and advice on matters of policy. The College is a member of the National Collegiate Athletic Association (NCAA), Division III.

Students can participate on varsity intercollegiate teams in basketball for men and women, soccer for men and women, cross-country running for men and women, volleyball for women, ice hockey for men, softball for women, and baseball for men. An intramural program offers opportunities for students to participate in a variety of different activities on individual, team, and coeducational levels. Northland College has an active Nordic ski club with access to a multitude of outstanding trails and local races.

## **Musical and Theatrical Performing Opportunities**

The Northland College fine arts program supports student participation in a variety of musical and theatrical groups. Groups are also open to other members of the campus community and to the general public. Participation for credit is an option.

- The Symphonic Band is devoted to the study and performance of traditional and contemporary band literature and presents several concerts throughout the academic year.
- The Northland Singers is a mixed choir that tours nationally and internationally and performs two annual campus concerts, one at Christmas and another in spring. Vocal and chamber music ensembles are offered for advanced singers and musicians.
- The Jazz Band is for advanced performers who are dedicated to the study and performance of jazz and dance arrangements.
- The Chequamegon Symphony Orchestra has a community-based board of directors and a season of three or four concerts, including major and challenging orchestral repertory of the 18th, 19th, 20th, and 21st centuries.
- The Lumberjack Chorus is open to all men who enjoy singing a variety of choral literature, including spirituals, folk songs, and classical selections.
- Accidentals is an advanced women's ensemble that performs classical selections, ethnic music, and vocal jazz.

In addition to music, theatre productions are hosted by The 4th Wall, a student-run organization. Students can participate as actors, technicians, or administrators.

## College Radio Station

**WRNC-LPFM (97.7)** is one of the newest and most exciting community radio stations in Northern Wisconsin. Broadcasting from the Ponzio Campus Center on the Northland College campus in Ashland, Wisconsin, WRNC provides a variety of community generated programming and nationally-syndicated daily and weekly shows. From *Democracy Now!* To *National Native News* to *Tent Show Radio*, and the *Weekly Wake Up to Deep Cuts* to *Raising Ophelia*, Northland College community supported Radio offers unparalleled access to the public airwaves.

## Dexter Library

Dexter Library, built in 1969 and renovated in 2008, consists of two levels, holding approximately 74,000 volumes and 64,000 individual titles. The library subscribes to 250 print periodicals and provides access to more than 50 computerized databases, including full-text journals, magazines, and newspapers; data; and abstracting and indexing databases. More than 30,000 full-text journals and magazines are available through the library's subscription databases. Internet and database access is available in the library's computer lab and on public workstations. Accessing the databases from off campus only requires that students provide a network login and password.

The College library's primary role on campus is to support the academic programs of the institution. Toward that end, the materials (books, journals, databases, videos/DVDs) that the library acquires reflect past and current curriculum offerings of the college and provide access to basic texts throughout the liberal arts. In addition to curriculum support,

the library maintains a small leisure reading collection as well as a juvenile/young adult collection, primarily in support of the Education program.

Students can access the library's catalog at <http://library.northland.edu>. The library website also provides links to and information about search engines and search tools, quality web sites arranged by subject areas, citing sources and preparing a bibliography, and sites that provide free online access to journals and books.

Books and journal articles not available at the library may be borrowed from other libraries through the library's interlibrary loan (ILL) service. There is a charge of \$1.00 per item received for this service; the fee is waived for students doing research for their capstone projects.

The library has a variety of study rooms, collaborative work areas, and individual spaces in which students can work. Two seminar rooms and a classroom are used for regularly scheduled classes but can also be reserved by students and student groups when not otherwise occupied.

## **Campus Dining**

Northland's food service provider, Chartwells, has served the community for more than twenty years. Dedicated to sustainable, alternative, and organic food practices, Chartwells offers a diverse array of options for a variety of appetites and palettes. In addition to vegetarian and vegan programs, 20 percent of the fresh produce used is organically grown, and all eggs are from cage-free chickens. Chartwells works closely with student groups and organizations to implement into their catering and dining service menus produce from the campus student gardens and alternative soda products from the student vending initiative. A number of sustainable initiatives are also implemented by Chartwells, including reusable mugs and bags, composting food scraps, trayless meals in the cafeteria, and sustainably harvested coffee and food (most notably, local seafood from Lake Superior).

## **Technology**

The Information Technology (IT) department services the Northland College network, which includes Internet, network, email, and public computer labs, and provides technical support for those services. Students can choose to bring their own computers but also have access to computers in the various labs. All students, after completing the Admission process, will get a college email account and access to the College's portal. More computing information can be found at: <http://www.northland.edu/student-life-support-computing.htm>.

## **Communication Commission**

The Communication Commission (CommComm) coordinates the four student media on campus.

Each is supported with funds assessed through a special student communications fee. The media are student-run and have their own organizational structures.

*Drifts* is the student-produced campus newspaper. It is devoted to the general life of the College and offers opportunities for students to gain experience in journalism and business management.

*Wedge*, the Northland College yearbook, is a publication of the student body, illustrating in word and image the events of interest occurring during the college year.

*Mosaic*, the Northland College literary magazine, contains original poetry, photographs, illustrations, and prose selections contributed by students and other members of the Northland College community.

*WRNC* is the College radio station, sending news, information, and music out over the airwaves to the campus and nearby community.

## **Campus Safety**

An independent security company, supplemented by Facilities personnel, provides campus Safety services. Fire alarms are provided in all buildings and medical emergencies should be called in to the local 911. The College also provides safety training and awareness activities to the campus community throughout the year. Residence halls also hold periodic fire drills and health/safety inspections for their residents.

## **Drug Use and Abuse**

Because of the negative personal, social, medical, and psychological effects inherent in drug abuse, Northland College supports both federal and state laws regarding the possession, use, and sale of restricted drugs. College officials are expected to cooperate fully with law enforcement agencies seeking to control and eliminate the illegal use of such drugs and will make no effort to assist students in avoiding the legal penalties of arrest and conviction on charges of possession and/or use of restricted drugs. College officials will seek immediate expulsion from Northland College for students arrested in connection with the unlawful sale or distribution of such drugs on the grounds that such persons constitute a clear and imminent threat to the College community. Northland College encourages students who may have become involved in drug or alcohol abuse to seek the assistance of health care practitioners or professional staff within the Office of Student Life for confidential consultation.

## **Firearms**

Handguns of any type, including pellet or BB guns, are not permitted on campus. Students wishing to bring rifles and shotguns suitable for hunting or target shooting onto the campus must register them with Campus Safety and store these firearms in a designated area. The specific regulations governing the storage and transportation of guns on campus is included in the Residential Communities Handbook. Please contact the Office of Residential Life at [reslife@northland.edu](mailto:reslife@northland.edu) for further details.

## **Traffic and parking**

Students are allowed to have vehicles on campus, subject to the traffic and parking regulations of Northland College and the City of Ashland. The College administration reviews these regulations annually and revises them as necessary. All drivers need to become familiar with the parking regulations and obtain the appropriate permits. Permits are obtained from the cashier in the Business Office. Parking stickers are required for on-campus overnight parking.

### **Student Responsibilities**

Throughout its history, Northland has expected students to conduct themselves honorably in all of their relations with others. The privileges of admission and continued attendance involve, for each individual, a degree of self-discipline and responsibility that enables all to live and work productively within the College community. When you accept admission to Northland College, the College expects you to conduct yourself in accordance with its policies, standards, and regulations.

### **Student Rights**

As a member of the Northland College community, you are participating in an academic climate that seeks to foster the freedom to teach and the freedom to learn. The Bill of Rights guarantees certain rights to all citizens. The Northland academic community reasserts those rights as central to the concepts of academic freedom and individual dignity and worth.

The Right to Freedom of Association recognizes that you bring to Northland College a variety of interests, and you are encouraged to form associations to promote those interests. Campus organizations and facilities are open to you without respect to sex, age, race, creed, sexual orientation, disability, or national origin except for those religious qualifications required by organizations whose aims are primarily sectarian.

**The Right to Freedom of Inquiry and Expression allows you to hold meetings, invite and hear speakers of your choosing, petition for redress of grievances, and peaceably demonstrate. Student publications exercise this freedom to the extent that they conform to the standards of responsible journalism.**

**The Right to Freedom of Religion and Conscience allows you to participate in or adhere to any doctrine, or personal faith or creed, as your conscience dictates.**

## **Student Records**

The Family Education Rights and Privacy Act (FERPA) of 1974, also known as the Buckley Amendment, is designed to protect the privacy of student records. Northland College conforms to the law regarding conditions under which confidential records will be released.

A student's academic file is maintained in the Registrar's Office. This file contains a permanent record of the courses students take and the credits they earn at Northland (in addition to those courses and credits accepted in transfer from other colleges) that contribute to a Northland degree; the type(s) of degrees awarded to students and when; and students' majors and any honors bestowed at graduation. The file also contains application forms, evaluations, and transcripts from other colleges and high schools. Test results such as ACT, SAT, and College Placement may also be included in the file.

Grade reports are available to students electronically. Parents of dependent students also have the right of access to grades and other information regarding academic performance as permitted by the student.

## **Student Responsibilities**

Living in community at Northland comes with both rights and responsibilities. Respect for human, built, and natural environments is the cornerstone that enables all to live and work productively within the College community.

## **Conduct Code**

The Northland College Conduct Code is the official body of regulations governing the conduct of members of the College community. The Student Life staff developed it, and the Student Senate, Faculty Senate, and the College administration approved it. The procedures in the Conduct Code provide due process and encourage responsible choice and freedom for each campus citizen. It is a system of justice designed to meet the needs of all members of the campus community. All segments of the College community support its provisions, and amendments or changes in the document require review and approval by each of these segments. Copies of the Code are available to each residential student in the Residential Life Handbook, and it is included in the Student Handbook, which is accessible to all students on the Northland web site at <http://www.northland.edu/student-life-resources-student-handbook.htm>.

The regulations and policies outlined in the Code do not modify or replace local, state, or federal laws. Behavior in violation of such laws may subject the student to prosecution in the civil courts. The Northland College judicial system functions to hear cases of alleged violation of any portion of the Code. Consequences are assigned to those convicted of violations.



The Code identifies consequences for various offenses, typically an educational sanction that may include monetary fines that increase with subsequent convictions. For major offenses or continued violations, the hearing officers have the power to expel students from Northland College under provisions of the Code.

Northland College maintains specific regulations and policies on residence hall living, firearms storage and use, the operation of College organizations, drug use and abuse, and the possession of alcoholic beverages on campus. Violation of these policies and regulations may also be prosecuted through either the campus or civil courts. All cases are subject to appeal to a higher board or authority. Northland College also reserves the power of pardon for any convicted member of the College community.

Copies of all Northland College conduct policies are on file in the Office of Student Life. Clearly defined codes allow each student to understand what behavior constitutes unacceptable conduct in the College community. The regulations defined in the Northland College Conduct Code and in the other official College policy statements allow each member of the College community to live and work productively within a healthy and safe environment.

#### Admission Information

Applications for admission to Northland College are evaluated individually to assess each student's level of preparedness for academic success and ability to become a contributing member of the Northland College learning community.

## Admission Criteria

Applications for admission are evaluated on the basis of high school curriculum, cumulative high-school grade-point average, ACT or SAT test scores, and, when available, high-school class rank. Before acceptance decisions can be made by the Office of Admissions, applicants for admission must submit:

1. a Northland College Application for Admission (Applying on-line is recommended, but a paper application may also be requested from the Office of Admission.);
2. an official high school transcript;
3. an official ACT or SAT test score report. (Results from either test are accepted and no preference is given to either test score. Test scores that are reported on official high school transcripts are considered official.)

Applicants for admission should have a minimum cumulative high-school grade-point average of 2.0 to be considered for admission. Students with college aptitude test scores and academic records below the median for high school seniors may be considered for admission if other factors indicate their potential for academic success in college. Letters of recommendation may be required for these students.

## Transfer Policy

A student entering Northland College after having attended a post-secondary institution for any length of time must provide Northland College with all official transcripts for all prior coursework. The Registrar's Office will prepare a course-by-course evaluation of the submitted transcripts. Failure to provide official transcripts from all institutions attended will result in an administrative hold being placed on a student's registration.

Courses completed at an institution outside of the United States must be evaluated by an international evaluation agency. The cost of this evaluation will be paid by the student and payment will be arranged in advance of the evaluation. The student has the option of having an official international course-by-course evaluation done prior to submitting the transcript to Northland, as long as the evaluating agency is acceptable to the Registrar's Office. Contact the Registrar's Office for details.

Only college-level courses from colleges accredited by a regional accrediting agency will be evaluated. A grade of C- or better must have been earned in a course for it to be accepted. The transcripts must come directly from the college of origin and the college must be accredited at the time the coursework was completed.

A maximum of 65 credits will be accepted from all junior or two-year colleges or any combination of junior or two-year colleges. There is no limit on the number of credits that will be accepted from an accredited four-year college or university.

All courses are evaluated on a course-by-course basis. Courses that are technical in nature are generally not accepted for transfer. Courses that are considered developmental, remedial, or do not count towards graduation at the institution where they are taken are generally not accepted. Internships taken at other colleges may transfer in as elective credit within a department but do not transfer in as internship credit at Northland.

Completed courses that do not have an exact equivalent at Northland may be transferred in as general elective credits or may not be accepted. Some credits more than ten years old may require approval from the appropriate Department Chair.

In addition to a course-by-course evaluation, previously completed courses will be evaluated for possible equivalency within our Connections curriculum. These equivalencies will be listed on the transfer evaluation.

Students who have received an Associate of Arts or Sciences degree from an institution that required at least 32 general education credits, and who completed their general education courses with grades of C- or better will have fulfilled a large portion of the required Connections curriculum upon entry to Northland. However, transfer students who have not yet earned a bachelor's degree may be required to complete some portion of the Connections curriculum. The experiential course requirement is also required of all transfer students, but it is possible that this requirement will be fulfilled by prior college course work. Students who enter Northland after earning a bachelor's degree from

another regionally accredited institution will have all requirements of the Connections curriculum waived as well as the co-curricular wellness requirements.

Courses that are repeated are counted only once in total credits earned. If a student is awarded transfer credit for a course and then repeats the course at Northland, the transferred credits will be removed from the student's record. In addition, a minimum of 30 credits must be earned at Northland College, including at least 20 credits in a student's major field of study and six credits in a student's minor field of study to earn a Northland College degree.

Transfer students planning to pursue teacher licensure will be required to meet certain state-mandated general education course requirements before they are eligible for student teaching. A personal interview with the Director of Teacher Education is strongly recommended for all transfer students planning to pursue teacher licensure.

## **Transfer of Credits for Students with Military Training**

Transfer students with military training may receive college credit for this training as well as credit for studies completed at service schools, international institutions, and the U.S. Armed Forces Institute. For more information, contact the Registrar's Office.

## **Test-Out Possibilities for Credit**

Students may jump-start or accelerate earning college credit through test-out programs. These programs offer the option of earning credit in areas in which the student already has sufficient knowledge.

The testing programs accepted at Northland are:

- Advanced Placement (AP) examination taken at the high school level (minimum score of 3 required for credit);
- International Baccalaureate (IB) program; and
- College Level Examination Program (CLEP) available through the University of Wisconsin Superior or 800 other designated testing centers throughout the United States. A student must earn a score of 50 or better to receive credit.

To earn credits for AP, IB, or CLEP an official score report must be sent directly to Northland College from the appropriate agency. A maximum of 30 credits from the test-out option may be applied toward your degree. For more information on test-out programs, contact the Registrar's Office. Credits are not awarded for passing competency exams provided by other colleges.

## **Tuition**

A college education at Northland is affordable for all qualified and hard-working students. Students who want to reap the benefits of Northland's quality instruction, close-knit community, and progressive environmental mission and facilities can do so through a combination of scholarships, federal and state grants and loans, and campus employment opportunities. For more information about how to afford a quality education at Northland, contact the Financial Aid Office.

### **Full-Time and Part-Time Tuition**

Students are classified as either full-time or part-time students at Northland. A full-time student is a student whose course load totals 12 or more credits in each of the fall and winter sessions; a part-time student is a student whose course load totals fewer than 12 credits in each of the fall and winter sessions. The following tuition rates apply for the 2012-13 academic year and are subject to change in subsequent years.

Full-time tuition: \$27,622

Part-time tuition: \$540-\$13,120 (depending on credit load, per semester)

Students who enroll in more than 17 credits in fall or winter sessions or more than five credits in spring session will be charged an overload fee of \$540 per credit for the 2012-13 academic year. This fee is subject to change in subsequent years.

### **Audit Tuition**

The cost for auditing a course (attending a course without receiving credit) during the 2012-13 academic year is \$200. This fee is subject to change in subsequent years.

### **Late Add Fee**

The cost for registering or adding a course after the add/drop period during the 2012-13 academic year is \$100. This fee is subject to change in subsequent years.

### **Student Fees**

All students registered for eight credits or more will be required to pay \$946 in student fees. These fees are subject to change in subsequent years.

## **Room and Board**

The room charge for a semi-private residence hall room for the 2012-13 academic year at Northland College is \$3,150. There is an extra charge for single rooms.

The cost for a full meal plan provided in the College dining hall is \$4,000 for the 2012-13 academic year. Meals are provided when the College is in session, and a meal plan is required for everyone living in the residence halls. Options with fewer meals per week are available.

Room and board prices are subject to change in subsequent years.

## **Other Fees**

The following required fees are for the 2012-13 academic year and are subject to change in subsequent years.

Northland fees include:

- Northland College Student Senate Fee \$180
- Communication Commission \$121
- Renewable Energy Fund \$80
- Student Center Fee \$165
- Health Services \$115
- Commencement \$20
- Co-Curricular Fee \$100
- Technology Fee \$165
- Health Insurance Charge (if not waived) \$1,166 (2011-2012 value; 2012-2013 costs updated soon)

## **Deposits**

### **Enrollment Deposit**

A \$200 deposit must be received by the College prior to the first day of classes. This sum is credited to the student's account when he or she enrolls in courses. The deposit is nonrefundable in the event that the student does not enroll, although the deposit can be credited to enrollment costs for a future session.

## **Payment Procedures**

Northland College divides a student's basic charges into two half-year billings: the first payment is due on August 15 and the second on December 15. Additional charges such as course fees that cannot be anticipated are due by the last day of the add/drop period.

A late payment fee of \$200 will be assessed to any account with a balance over \$1000 as of the last day of the add/drop period per semester.

Statements are mailed monthly. Checks should be made payable to Northland College and mailed to the Cashier, Northland College, 1411 Ellis Ave, Ashland, WI 54806-3999.

A late fee of \$100 will be assessed to students who register after the add/drop period or who are allowed to submit schedule changes after the add/drop period.

## **Payment Plans**

Northland College cooperates with Tuition Management Systems to provide educational financing options for students. Payment plans can be used to finance the billing amount remaining after financial aid and family contributions have been applied to a student's account. The College accepts major credit cards to settle accounts. Please contact the Business Office for more information.

## **Delinquent Accounts**

A one percent charge per month is applied to the unpaid balance on a student account. Accounts remaining unsettled after 90 days will be turned over to a collection agent. A student will not be allowed to register for courses until any unpaid balance remaining in his or her account is paid in full. In addition, transcripts, credentials, and diplomas will be withheld for students with unpaid accounts.

### **Financial Aid**

Through the use of financial aid, many students are able to attend Northland College at costs much less than they may expect. The Financial Aid Office strongly encourages all students and families to file the Free Application for Federal Student Aid (FAFSA) electronically at [fafsa.ed.gov](http://fafsa.ed.gov). **March 15th is the priority deadline for the FAFSA.** Filing prior to this date ensures consideration for all applicable forms of financial aid. Various federal, state, and Northland aid programs can be combined to help remove financial barriers to enrollment at Northland.

## **Requirements for Consideration**

### **Full-time student eligibility**

Federal, state, and Northland College financial aid regulations require a full-time student to be enrolled in at least 12 credits in each of the fall and winter sessions and to maintain satisfactory academic progress.

### **Part-time student eligibility**

Students who are enrolled in less than 12 credits may qualify for federal or state financial aid if they maintain Satisfactory Academic Progress. A student cannot receive Northland College grants and scholarships unless he or she is enrolled on a full-time basis.

### **Application procedures for prospective students**

Students in need of financial assistance must follow the application procedures outlined below:

1. File the Free Application for Federal Student Aid (FAFSA) with the U.S. Department of Education by March 15th;
2. Obtain a Supplemental Achievement Scholarship Application from the Admission Office, which should be completed and returned to Admission Office by **February 15th**. (The Achievement Scholarship application includes Music, Art and other special scholarships.)

Each prospective student should also submit the following documents to Northland College by **February 15th for fall admission** and **November 1st for winter admission**: Northland College Application for Admission, college aptitude test scores (ACT or SAT), and high school transcript.

### **Application Procedures for Returning Students**

Returning students must apply for financial aid every year, preferably no later than March 15th, by filing a FAFSA at [fafsa.ed.gov](http://fafsa.ed.gov). Students applying after March 15th will be awarded on a first-come, first-serve basis. In order to remain eligible for financial assistance, students must maintain satisfactory academic progress, and be enrolled full-time.

## **Achievement Scholarships**

Grants and scholarships form the largest part of Northland's financial aid funds. Most funds come from Northland's endowment, alumni gifts and other contributions. Other assistance comes from federal and state governments. Scholarships and grants do not have to be repaid and range from \$200 to the cost of attendance.

For new students Northland conducts a series of scholarship competitions starting in October. All applicants are expected to apply in the competition following their acceptance. These merit based scholarships recognize not only academic ability, but also a wide variety of other talents and interests. This is how we build and enrich the Northland community.

Northland also has a strong commitment to need-based financial assistance. The Lower/Middle Income Access Guarantee ensures that Northland College scholarships and grants will bring costs down to the level at most major public universities. To maximize eligibility for additional scholarships and grants, all students are strongly encouraged to file the FAFSA (Free Application for Federal Student Aid).

### **Current Northland College Scholarships**

The Northland Achievement Scholarship application is online and students are encouraged to apply for multiple scholarships. Please note that some scholarships require additional supporting material.

All scholarships are renewable annually, dependent upon meeting all continuing eligibility requirements.

**Trustees and Presidential Scholarships - \$20,000 - Full Tuition (\$80,000 to Full Tuition over four years)**

Honors the combination of excellent academic experience, leadership, volunteer service and accomplishments beyond the classroom.

**Academic Scholarships - \$8,000-\$20,000 (\$20,000 to \$60,000 over four years)**

Awarded based on academic record and test scores.

**Creative and Fine Arts Scholarships - \$1,000-\$5,000 (\$4,000 to \$20,000 over four years)**

**Art Scholarship:** Must be an Art major or minor at Northland College, and must submit 8-15 works of art produced solely by the applicant in the form of slides or digital images.

**Music Scholarship:** Requires participation in a Northland ensemble (any major), may audition on-campus or submit a recording with two selections of your choice (vocal and/or instrumental).

**Writing Scholarship:** Must be a Writing major or minor at Northland College, and must submit two pieces of original writing to [scholarship@northland.edu](mailto:scholarship@northland.edu)

**Sigurd Olson Environmental Scholarship - \$1,000-\$3,000 (\$4,000 to \$12,000 over four years)**

Created in the spirit of Sigurd Olson's legacy, this scholarship is awarded to students who have made a distinctive commitment to the environment and conservation.

**Eco-Visionary Leadership and Service Scholarship - \$1,000-\$3,000 (\$4,000 to \$12,000 over four years)**

Recognizes contributions made to the community through leadership and service.

**Involvement Scholarship - \$1,000-\$3,000 (\$4,000 to \$12,000 over four years)**

Designed for students who have demonstrated involvement in and outside of the classroom.

**Environment and Outdoor Program Awards - \$1,000-\$3,000 (\$4,000 to \$12,000 over four years)**

These awards recognize the understanding, knowledge and skills consistent with the environmental and outdoor adventure values of the Northland community.



To be considered for the Environment and Outdoor Program Award you must have participated or attended one of the following:

**Conserve School**  
**Outward Bound**  
**National Outdoor Leadership School**  
**Wilderness Inquiry**  
**An environmentally-oriented high school**

**Legacy Scholarship - \$2,500 (\$10,000 over four years)**

Created to encourage the continued family commitment to the high standard, unique mission, and lasting legacy of a Northland College education.

**Scouting Leadership Award - \$1,500 (\$6,000 over four years)**

Awarded to Girl Scout Gold Award recipients and Boy Scout Eagle Scouts, who have received that designation by August 31st and who have maintained a 2.5 g.p.a or better.

**Diverse Community Awards - \$1,000-\$2,000 (\$4,000 to \$8,000 over four years)**

Created to support the pursuit of a college education for incoming students who have a demonstrated a commitment towards diverse communities.

## **Student Employment**

A variety of on-campus jobs are available to students. Northland College offers each student who applies by April 15, regardless of financial need, a campus job that will enable them to earn at least \$1,000. Students who show financial need may be able to earn up to \$1,600 during the school year. Post-Baccalaureate students and non-degree seeking students are not eligible for student employment.

## **Grants**

### **Federal Pell Grant Program**

The Pell Grant is the standard federal grant program. Grants made currently range from \$555 to \$5,550 per year and are determined from need analysis results after filing the FAFSA at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

### **Federal Supplemental Educational Opportunity Grants**

Federal Supplemental Educational Opportunity Grants (FSEOG) are available to students who demonstrate the most need, as determined from FAFSA need analysis results. Applications for these grants must be filed by **March 15th** as funds are limited due to federal appropriations. Northland College contributes substantial matching funds for students awarded FSEOG and offers students who qualify for FSEOG equivalent

Northland College grants after FSEOG funds are exhausted at the federal level. For more information, contact the **Financial Aid Office**.

## **Wisconsin Tuition Grant Program**

Wisconsin residents admitted to Northland College may receive up to \$2,900 annually under the Wisconsin Tuition Grant Program. The amount of the award is determined from the FAFSA need analysis results.

## **Work-study opportunities**

Northland College offers campus work-study opportunities to assist students in financing their educational expenses and to help them develop workplace skills to complement those learned in the classroom. Most new students are offered a minimum work award of \$800 per year. Students who show financial need receive larger work awards, up to \$1,600 per year. Northland College participates in the Federal Work-Study Program, which contributes approximately 15 percent of Northland's campus employment funding.

## **Federal Student Loans**

### **Federal Direct Stafford Loan Program**

The Federal Direct Stafford Loan Program includes the Federal Stafford Subsidized Loan, Federal Stafford Unsubsidized Loan, and the Federal Parent Loan for Undergraduate Students (PLUS). Under these programs, the Department of Education provides loans to students and parents through Northland College.

The Federal Stafford Subsidized Loan is a loan based on financial need determined from the FAFSA need analysis results. Full- or half-time students may borrow up to \$3,500 during their freshman year, \$4,500 during their sophomore year, and up to \$5,500 during each of their junior and senior years. The interest on these loans is paid by the government during in-school and grace periods. The Federal Stafford Unsubsidized Loan is also available to students and is not based on financial need. The interest on the Federal Stafford Unsubsidized Loan accrues from the time of disbursement; however, students can defer interest payments until after graduation or dropping below half-time enrollment status. The student does have the option to pay the interest on these loans while in school. Current interest rates for both the subsidized and unsubsidized loan can be found at [www.studentloans.gov](http://www.studentloans.gov).

The Federal Parents Loan for Undergraduate Students is available to parents of dependent students, regardless of financial need. A parent may borrow up to the cost of tuition, room, and board less any financial aid awarded per dependent. The current interest rate is an approximate 8.5 percent fixed rate, and repayment begins 60 days after the loan is disbursed, payments may be deferred until the student graduates or enrolls below half time status. Contact the Financial Aid Office for more information about this loan.

## **Perkins Loans**

Perkins Loans are awarded to full-time students who show high financial need determined from the FAFSA need analysis results. The federal government pays the interest on these loans while a student is enrolled at Northland College. Perkins funds are limited and the annual maximum loan is \$4,000. Contact the Financial Aid Office for more information about this loan.

## **Financial Aid for International Applicants**

All applicants for financial aid who are not citizens or permanent residents of the United States are considered international students.

Upon admission to Northland College, all applicants will automatically be considered for an academic award based on transcripts and standardized test results. No extra paperwork is required beyond the general admission requirements.

If you have any concerns about your family's ability to meet Northland College's full cost, you should complete, accurately and truthfully, the College Board's CSS/PROFILE (International Student Financial Aid Application) [profileonline/collegboard.com](http://profileonline.collegboard.com). Northland College's School Code is 1561. After receiving this application, the Northland College Financial Aid Office will evaluate that application and prepare a Financial Aid Award letter for the student.

## **International Student Employment**

On-campus employment is available to international students who apply for financial aid. Under the United States Bureau of Citizenship and Immigration Services regulations, international students are permitted to work on campus (not to exceed more than 20 hours a week).

International applicants who anticipate the need for financial aid at any time during their course of study at Northland College must make this need known at the time of admission. Students not awarded aid upon starting their first year at Northland will not be awarded aid for any of the following years.

## **Students Convicted of Possession & Sale of Drugs**

A federal or state drug conviction can disqualify a student for FSA funds. Convictions only count if they were for an offense that occurred during a period of enrollment for which the student was receiving Title IV aid—they do not count if the offense was not during such a period. Also, a conviction that was reversed, set aside, or removed from the student's record does not count, nor does one received when she/he was a juvenile, unless she/he was tried as an adult. The chart below illustrates the period of ineligibility for FSA funds, depending on whether the conviction was for sale or possession and whether the

student had previous offenses. (A conviction for sale of drugs includes convictions for conspiring to sell drugs.)

	<b>Possession of Illegal Drugs</b>	<b>Sale of Illegal Drugs</b>
First offense	1 year ineligibility from date of conviction	2 years ineligibility from date of conviction
Second offense	2 years ineligibility from date of conviction	Indefinite ineligibility
Three or more offenses	Indefinite ineligibility	Indefinite ineligibility

If the student was convicted of both possessing and selling illegal drugs, and the periods of ineligibility are different, the student will be ineligible for the longer period.

A student regains eligibility the day after the period of ineligibility ends or when she/he successfully completes a qualified drug rehabilitation program. Further drug convictions will make him ineligible again.

Students denied eligibility for an indefinite period can regain it only after successfully completing a rehabilitation program or if a conviction is reversed, set aside, or removed from the student's record so that fewer than two convictions for sale or three convictions for possession remain on the record.

## **Satisfactory Academic Progress**

All students receiving financial aid must meet Satisfactory Academic Progress (SAP) in order to establish and retain financial aid eligibility.

SAP for federal, state and institutional financial aid programs is based on three measures: cumulative grade-point average, completion rate based on credit hours completed compared to attempted, and a maximum timeframe for degree completion. SAP Warning is instituted at the end of the first semester of not meeting policy. After two semesters of not meeting policy financial aid is suspended. SAP Warning is a forewarning message encouraging a student to rectify his/her academic progress for the next semester so that financial aid can be continued.

## **Cumulative Grade-Point Average**

Undergraduate students must maintain a minimum cumulative GPA of 2.0 based on credits earned at Northland College. The first time a student's GPA is below 2.0, the student is placed on SAP Warning and continues to be eligible to receive financial aid. If the student does not raise the GPA to 2.0 in the following semester of attendance the student is placed on SAP Suspension and loses financial aid eligibility. The student is

able to appeal SAP Suspension based on extenuating circumstances. If the appeal is approved the student is placed on SAP Probation.

## **Completion Rate**

Undergraduate students are required to complete a minimum of sixty-seven percent (67%) of the credit hours attempted at Northland College. Courses with a grade of "D" or higher count as completed. Credit hours attempted include audits, incompletes, withdrawals, and repeated or failed classes. A student who does not complete a minimum of sixty-seven percent (67%) of credit hours attempted will be placed on SAP Warning and continues to be eligible to receive financial aid. If the student does not raise his or her completion rate to at least sixty-seven percent (67%) in the following semester of attendance the student is placed on SAP Suspension and loses financial aid eligibility. The student is able to appeal SAP Suspension based on extenuating circumstances. If the appeal is approved the student is placed on SAP Probation.

## **Maximum Timeframe for degree completion**

Students must complete their degree requirements within 150% of the published length of their academic program. All semester hours attempted are used toward the maximum timeframe allowance regardless of whether the student received financial aid. All repeated courses, failed courses, withdrawals and transfer courses will count as credits attempted toward the maximum timeframe. A student who does not meet the Maximum Timeframe requirement will be placed on SAP Warning and continues to be eligible to receive financial aid. If the student does not raise his or her completion rate in the following semester of attendance the student is placed on SAP Suspension and loses financial aid eligibility. The student is able to appeal SAP Suspension based on extenuating circumstances. If the appeal is approved the student is placed on SAP Probation.

## **Warning**

Students failing to meet Satisfactory Academic Progress standards will be placed on one semester of financial aid warning. Students on SAP warning are eligible for financial aid. They will be notified in writing of their status by the Office of Financial Aid. Students on academic probation through the academic council will be automatically on financial aid warning.

## **Suspension**

By the end of the warning period, the student must have the stated minimum grade point average and completion requirements as defined above. Failure to comply with the Satisfactory Academic Progress grade point average requirement and completion schedule beyond the one semester warning period will result in the suspension of all federal, state and institutional financial aid. Students will be notified of their financial aid ineligibility via a letter from the Office of Financial Aid.

## **Re-establishing**

Financial Aid eligibility Students who have had their financial aid terminated due to lack of Satisfactory Academic Progress may be able to enroll without financial aid. Such students may request a review of their academic record after any semester in which they enrolled without financial aid to determine whether they have met the SAP standards. If SAP is met, financial aid eligibility is restored for subsequent terms of enrollment. Neither paying for one's classes nor sitting out a semester is sufficient to reestablish the financial aid eligibility of a student who has failed to meet SAP. If a special or unusual circumstance contributed to a student's lack of satisfactory academic progress, the student may appeal the denial of financial aid.

## **Appeal Process**

Federal regulations allow a student to appeal suspension of financial aid in cases where failure is due to events beyond the student's control, such as illness, death in family, or other mitigating circumstances.

The appeal process for GPA is made in conjunction with the academic appeal through the Registrar's Office. If financial aid eligibility is suspended as a result of failure to meet the completion rate or maximum timeframe standard, the Financial Aid Office sends a letter to the student including a Satisfactory Academic Progress Appeal Form. The Satisfactory Academic Progress Appeal Form must include reasons for failure to achieve good academic standing and any applicable documentation. Appeal Forms must be submitted to the Financial Aid Office within thirty (30) days of the date of the letter and are reviewed by the Financial Aid Committee.

## **Probation**

If a suspension appeal is approved the student is placed on SAP Probation for one semester or for a timeframe as determined by an academic plan set by the Financial Aid Office. By the end of the probation period, the student must have the stated minimum grade point average and completion requirements as defined above. Failure to comply with the Satisfactory Academic Progress grade point average requirement and completion schedule beyond the one semester probation period will result in the suspension of all federal, state and institutional financial aid. Students will be notified of their financial aid ineligibility via a letter from the Office of Financial Aid.

## **Change in Major**

All credits attempted at Northland College will be included as earned credits in the completion ratio and maximum time frame calculation. If the student changes majors, they can appeal to have only credits and grades from the courses that are applied to the new major of study included in the financial aid SAP calculation.

The Family Educational Rights and Privacy Act (FERPA)

The *Family Educational Rights and Privacy Act (FERPA) of 1974* (Public Law 93-380) is also referred to as the Buckley Amendment. The intent of the legislation is to protect the rights of students and to ensure the privacy and accuracy of education records. The Act applies to all institutions that are the recipients of federal aid administered by the Secretary of Education. Northland College applies the Act to all students upon registration and conforms to the law regarding conditions under which confidential records will be released.

## **Student rights under FERPA**

- **The right to inspect and review their education records within 45 days of the College receiving a request for access.**

The student must submit a written request to the Registrar's Office and identify the record(s) s/he wishes to inspect. The staff of the Registrar's Office will make arrangements for access and notify the student of the time and place where the record(s) may be inspected. If the requested records are not maintained in the Registrar's Office, the student will be notified of the correct official to whom the request should be addressed.

- **The right to request an amendment to record(s) that the student believes are inaccurate or misleading.**

The student may ask Northland College to amend a record that s/he believes is incorrect. The student should write the Registrar's Office or the specific office involved with the record in question, clearly identify the part of the record s/he wants amended, and specify why it is inaccurate or misleading.

If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

- **The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.**

In general, Northland College must have written permission from the student in order to release any information from a student's education record. Forms permitting the release of information to specific individuals are available through the Registrar's Office and online through the student web portal on my.northland. However, FERPA does allow schools to disclose certain records without consent under certain conditions. For more information regarding what information can be released see "Records Protection."

- **The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is**

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue SW.  
Washington, DC 20202–5901

## **Records protected by FERPA**

- FERPA protects the education records of students who are currently enrolled or formerly enrolled regardless of their age or status with regard to parental dependency. The education records of students who have applied to, but have not attended an institution are not subject to FERPA guidelines, nor are those of deceased students.
- Parents of a student defined as “dependent” for income tax purposes may have access to the student’s education records. A copy of their parent’s most recent Federal Income Tax return, where the parents declared the student as a dependent, must be submitted to the Registrar’s Office to document “dependency.”
- With certain exceptions (noted below), an education record is any record which contains information that is personally identifiable to a student and is maintained by the College.
- With the exception of information about other students, financial records of parents, and confidential letters of reference to which the student has waived access, a student has the right of access to his or her education records. Education records include any records in whatever medium (handwritten, print, email, magnetic tape, film, diskette, etc.) that are in the possession of any school official. This includes transcripts or other records obtained from a school in which a student was previously enrolled.

In general, Northland College must have written permission from the student in order to release any information from a student’s education record. However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions:

- to school officials who have a legitimate educational interest;  
(A school official is a person employed by the College in an administrative, supervisory, academic, research, or support-staff position including security and health staff; a person or company with whom the College has contracted such as an attorney, auditor, or collection agent; a person serving on the Board of Trustees; or a student assisting another school official in performing his or her tasks.);
- to federal, state, and local authorities involving an audit or evaluation of compliance with educational programs;
- in connection with financial aid, which includes Veterans’ benefits;



- to organizations conducting studies for or on behalf of educational institutions;
- to accrediting organizations;
- to parents of a dependent student;
- to comply with a judicial order or subpoena;
- in a health or safety emergency;
- releasing directory information; and/or
- releasing the results of a disciplinary hearing to an alleged victim of a crime of violence.

## **Records not protected by FERPA**

- Sole possession records or private notes held by school officials that are not accessible or released to other personnel.
- Law enforcement or campus security records that are solely for law enforcement purposes and maintained solely by the law enforcement unit.
- Records relating to individuals who are employed by the institution (unless contingent upon attendance).
- Records relating to treatment provided by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional and disclosed only to individuals providing treatment.
- Records of an institution that contain only information about an individual obtained after that person is no longer a student at that institution, i.e., alumni records.

## **Directory Information**

Institutions may disclose information about a student without violating FERPA if it has designated that information as “directory information.” At Northland College this includes a student’s:

- name;
- addresses (local, mailing, and/or email);
- telephone number(s);
- major and/or minor fields of study;
- dates of attendance;
- participation in officially recognized activities/sports;
- degrees, awards, and/or honors received and dates awarded;
- non-receipt of a degree;
- academic level;
- enrollment status;
- photos; and
- name of advisor.

Directory information can be released to anyone on request without prior permission of the student, unless a written request to withhold such information is filed in the Registrar's Office no later than the last day of the add/drop period of each term.

## **Student Right-to-Know and Campus Security Acts**

In compliance with federal regulations, Northland College publishes separate annual reports outlining student persistence and graduation rates and campus security policies, procedures, and crime statistics.

Under the Crime Awareness and Campus Security Act, the College publishes procedures to report criminal actions or other emergencies occurring on campus, response policies to such reports, campus security and facilities issues, campus law enforcement, policies regarding illegal drugs and alcohol, and statistics on the occurrence of various criminal offenses and fire safety. Prospective students may receive these reports by contacting the Admissions Office and asking for the Graduation Rates and/or Campus Security Reports. The Campus Security Crime Report is available on the Northland web site at [https://my.northland.edu/ICS/Campus\\_Life/](https://my.northland.edu/ICS/Campus_Life/). Current students may receive the Graduation Rate Report by contacting the Registrar's Office.

## **Equity in Athletics Disclosure Act**

The College has available to current students, prospective students, and the public, upon request, a report in compliance with federal regulations outlining athletic participation rates, financial support, and other information on men's and women's intercollegiate athletic programs at Northland. The Athletic Department has this report available on October 1 each year.

Policies

## **Academic Policies**

### **Transfer of Credits**

A student entering Northland College after having attended any post-secondary institution for any length of time must provide Northland College with all official transcripts for all prior coursework. The Registrar will complete a course-by-course evaluation for all submitted transcripts. Failure to provide official transcripts from all institutions attended will result in an administrative hold being placed on a student's registration.

Courses completed at an institution outside of the United States require special evaluation by an international evaluation agency. The cost of this evaluation will be incurred by the student and payment will be arranged in advance of the evaluation. The student has the option of having an official international course-by-course evaluation done prior to

submitting the transcript to Northland, as long as the evaluating agency is acceptable to the Registrar's Office. Contact the Registrar's Office for details.

Only college-level courses from colleges accredited by a regional accrediting agency will be evaluated. A grade of C- or better must have been earned in a course for it to be accepted. The transcripts must come directly from the college of origin and must be accredited at the time the coursework was completed.

A maximum of 65 credits will be accepted from all junior or two-year colleges or any combination of junior or two-year colleges. There is no limit on the number of credits that will be accepted from an accredited four-year college or university.

All courses are evaluated on a course-by-course basis. Courses that are technical in nature are generally not accepted for transfer. Courses that are considered developmental, remedial, or do not count towards graduation at the institution where they are taken are generally not accepted. Internships taken at other colleges may transfer in as elective credit within a department but do not transfer in as internship credit at Northland.

Completed courses that do not have an exact equivalent at Northland may be transferred in as general elective credits or may not be accepted. Some credits more than ten-years-old may require approval from the appropriate Program Coordinator.

In addition to a course-by-course evaluation, previously completed courses will be evaluated for possible equivalency to our Natural Connections core curriculum block requirements. These equivalencies will be listed on the transfer evaluation that all transfer students receive after they have applied for admission and submitted transcripts of work completed at prior colleges.

Students who have received an Associate of Arts or Sciences degree from an institution that required at least 32 general education credits, and who completed their general education courses with grades of C- or better will have fulfilled a large portion of the required Connections curriculum upon entry to Northland. However, transfer students who have not yet earned a bachelor's degree may be required to complete some portion of the Connections curriculum. The experiential course requirement is also required of all transfer students, but it is possible that this requirement will be fulfilled by prior college course work. Students who enter Northland after earning a bachelor's degree from another regionally accredited institution will have all requirements of the Connections program waived as well as the Co-Curricular Wellness requirements.

Courses that are repeated are counted only once in total credits earned. If a student is awarded transfer credit for a course and then repeats the course at Northland, the transferred credits will be removed from the student's record. In addition, a minimum of 30 credits must be earned at Northland College, including at least 20 credits in a student's major field of study and six credits in a student's minor field of study to earn a Northland College degree.

Transfer students planning to pursue teacher licensure will be required to meet certain state-mandated general education course requirements before they are eligible for student teaching. A personal interview with the Teacher Education Department Chair is strongly recommended for all transfer students planning to pursue teacher licensure.

### **Transfer of Credits for Students with Military Training**

Transfer students with military training may receive college credit for this training as well as credit for studies completed at service schools, international institutions, and the U.S. Armed Forces Institute. For more information, contact the Registrar's Office.

### **Test-Out Possibilities**

Students may jump-start or accelerate earning college credit through test-out programs. These programs offer the option of earning credit in areas in which the student already has sufficient knowledge.

The testing programs accepted at Northland are:

- Advanced Placement (AP) examination taken at the high school level (minimum score of 3 required for credit);
- International Baccalaureate (IB) program; and
- College Level Examination Program (CLEP) available through the University of Wisconsin Superior or 800 other designated testing centers throughout the United States. A student must earn a score of 50 or better to receive credit.

To earn credits for AP, IB, or CLEP an official score report must be sent directly to Northland College from the appropriate agency. A maximum of 30 credits from the test-out option may be applied toward your degree. For more information on test-out programs, contact the Registrar's Office. Credits are not awarded for passing competency exams provided by other colleges.

### **Student Classification and Course Load**

Students are classified at Northland as either full-time or part-time students. A full-time student is a student whose course load totals 12 or more credits in each of the fall and winter sessions and at least 3 credits in the May session. A part-time student is a student whose course load totals fewer than 12 credits in each of the fall and winter sessions and less than 3 credits in spring session.

Normal course loads are 12 to 17 credits for fall and winter sessions and 3 to 5 credits in the May session. Overload charges apply for students taking more than 17 credits in each of the fall and winter sessions and more than 5 credits in the spring session. Students taking 20 credits or more in a single term must obtain approval from the Academic Dean prior to the beginning of the term.

## Class Standing

Students are classified as:

- freshmen until they have earned 26 credits;
- sophomores when they have earned 27 to 57 credits;
- juniors when they have earned 58 to 89 credits; and
- seniors when they have earned 90 or more credits.

## Grading system

Grade	GPA	Description	Grade	Description
A	4.0	Excellent	*AU	Audit
A-	3.7		*I	Incomplete
B+	3.3		*IP	In Progress
B	3.0	Good	*NG	No Grade Required
B-	2.7		*NR	Not Reported
C+	2.3		*S	Satisfactory
C	2.0	Average	*TR	Transfer Credit
C-	1.7		*U	Unsatisfactory
D+	1.3		*W	Withdrawal
D	1.0	Below Average		
F	0.0	Failing		

\*Not included in GPA

## Academic Standings

Northland College expects students to maintain satisfactory academic standing. At the end of the fall and winter terms, grade point averages are calculated and academic standings are determined. Students are informed by email in the event their academic standing falls below the level of Good Standing as defined below. Incomplete grades may prevent the Registrar's Office from determining an accurate academic standing. Academic standing takes into account the grade point average (GPA) for the term as well as the cumulative GPA.

**Good Standing:** Term and cumulative GPA is 2.0 or better. A student at the level of Good Standing is considered to be in satisfactory academic standing.

**Academic Warning:** A student with a term GPA below 2.0, but with a cumulative GPA of 2.0 or higher. The student will receive an email from the Registrar's Office warning of the possibility of Academic Probation and suggesting possible interventions to help improve academic performance.

**Academic Probation:** A student with a cumulative GPA below 2.0 but who has earned a 1.0 or better for the term. A student on probation must show satisfactory academic standing in the next subsequent term of attendance in order to avoid restricted probation

or suspension. The student must earn a GPA greater than 2.0 to bring up the cumulative total. The student will remain on probation until the cumulative GPA is 2.0 or better.

**Restricted Academic Probation:** A student who was previously on academic probation and has a cumulative GPA below 2.0 but has earned a 1.0 or better for the term; who has earned a term GPA of less than 2.0 for two consecutive terms; or who has successfully petitioned his or her Academic Suspension. A student on Restricted Academic Probation has conditions or restrictions placed on his or her continued enrollment before each term. The student must meet with his or her advisor to work out a plan of action to insure improvement in his or her academic performance. A student who does not meet these conditions will be suspended. A full-time student on Restricted Probation must earn 12 credits and a 2.0 grade point average during the subsequent fall or winter term as well as meet any other conditions to be eligible for full-time status.

## **Grade Appeals**

When a student requests reconsideration of a grade for a completed course, the instructor must make the change, if deemed appropriate, and the Registrar or Academic Dean must approve it within 60 days from the beginning of the following session. A grade change is permitted for a reassessment of work previously evaluated or for correction of a calculating or reporting error. Instructors must state which reason applies and complete a Grade Change Form available from the Registrar's Office. Grade changes are not permitted for work submitted late. In addition, a student may not do extra work to raise his or her grade after the final grade has been reported.

Grading is the prerogative of the instructor and s/he is the only person who can change a grade. It is incumbent on the instructor to establish the criteria for grading in the syllabus that is distributed at the beginning of the session. All grades are to be based on established grading criteria and not on personal conduct or opinions unrelated to academic standards. After grades have been reported, if a student feels that a grade has been calculated incorrectly or has been assigned in a prejudiced or capricious manner, the student must attempt to discuss the matter with the instructor. If discussion between the instructor and student cannot resolve the issue, the student may appeal to the appropriate Department Chair. In the unusual circumstance that resolution does not occur at the instructor or department level, the student may appeal to the Associate Dean for Academic Affairs who will attempt to reconcile the matter.

## **Incomplete Grades**

A grade of "I" (Incomplete) may be given to a student who has nearly completed a course satisfactorily and then, because of an illness or unusual and substantiated cause beyond the student's control, has been unable to take or complete the final examination or to complete some limited amount of work. An Incomplete is not given for unsatisfactory work nor is it given if a student misses a final examination without sufficient cause. Incompletes will remain on a student's transcript unless the work is completed within six months.

## **Satisfactory/Unsatisfactory**

Grades Students classified as sophomores, juniors, or seniors and who have a grade point average of 2.5 or better may take up to four courses on a Satisfactory/Unsatisfactory (S/U) basis under the following conditions:

- only one course may be taken S/U per session (courses graded S/U for all students are excluded from this count);
- no course required for the *Connections* curricula, for teacher licensure, or for a student's major or minor field of study (except internships and field experiences) can be taken S/U;
- a student must satisfy all prerequisites to take a course S/U;
- a student must inform the Registrar's Office of his or her intention to take a course S/U within the first two weeks of fall or winter session or within the first four days of the May session;
- when grades are reported, the Registrar's Office will record an S if a student earns a letter grade of C or better or a U for a course in which the student earned a C-, D+, D, or an F; and
- the Registrar's Office will not report to any instructor the names of students who are registered in a course on an S/U basis nor will the student be required to do so.

Satisfactory/Unsatisfactory grades do not affect a student's grade point average. In addition, if a course is offered only S/U for all students, it will not be counted as one of the four courses allowed.

## **Registration**

Students are notified via their Northland email two weeks prior to the opening of online registration. This allows students to meet with their advisors to prepare a schedule for the upcoming term and to be granted registration clearance. Full details regarding the registration process can be found on the student web portal of my.northland

Courses Requiring Instructor Consent: Students need to complete an Add/Drop Form for courses that require instructor consent or for prerequisites to be overridden. Instructors must sign the form for this purpose, but advisors do not need to sign.

## **Special Courses**

Special courses include Internships, Independent Studies, Arranged Courses, Field Experience, Senior Thesis, Teaching Assistant, and Research Assistant. Students may enroll in special courses provided they meet all eligibility criteria. These courses cannot be added to a student's schedule until all required forms are completed and processed by the Registrar's Office. [For more information regarding these courses click here.](#)

## **Special Students**

A special student (non-matriculating) is an individual who is taking classes but not pursuing a Bachelor of Arts or Science degree at Northland College. These students may be fulfilling degree requirements for another institution, attending for personal enrichment or career advancement, or have completed a degree at Northland College but have returned to complete an additional major, minor, concentration, or emphasis. Students who are non-degree seeking are not eligible for federal or state aid.

A non-matriculating student wishing to register for 5 or fewer credits must complete the Special Student Registration form, which is then submitted to the Registrar's Office with payment. A non-matriculating student wishing to register for 6 or more credits must go through the Admissions Office prior to registration.

If the student wishes to enroll in a program and work toward a degree, the student must go through the admissions process and will become a matriculating student at that time.

### **Audit Courses**

After obtaining permission of the instructor, a student may audit a course and regular course work will not be required. Art and music studio courses may not be audited. Audit courses appear on a student's transcript with a grade of "AU." A change to credit or audit status may be declared during the add period of each session, and a student must fill out a Special Student registration form or an Add/Drop Form to make the change. See the Tuition section for information regarding the audit fee. Applicable course fees are required for audited courses.

### **Add/Drop Courses**

Students wishing to add one or more courses once the term begins must complete an Add/Drop Form available from the Registrar's Office. Students must obtain a signature from the instructor of the course they wish to add. Courses will not be added to the student's schedule until the completed forms are received by the Registrar's Office.

Students may drop courses online via the student web portal on my.northland until the end of the add/drop period each term. Drops requested up to and including the second Friday of the fall or winter sessions or the first Wednesday of the spring session will be removed from the transcript. A student who drops a course after these dates will receive a "W" (Withdrawn) for the course. Any student withdrawing from a course later than the second Friday after mid-session of the fall or winter session, or later than the second Monday of the spring session, will receive an "F" for the course. Exceptions to this policy will only be allowed in unusual circumstances by petitioning the Academic Standings Committee.

Petitions for late add/drop of courses approved by the Academic Standings Committee after the add/drop period will be charged a late add/drop fee.



**Administrative Drop Policy:** A student who registers prior to the first day of class but who misses the first two meetings of a 50-minute class or the first meeting of a class that meets for 75 minutes or longer may have his or her registration in that course cancelled by the instructor.

Faculty-initiated drops must be received in the Registrar's Office by Wednesday of the second week of the fall and winter sessions; this policy does not apply to the spring session. If extenuating circumstances prevent a student from attending the first meetings of a class, the student must contact the instructor or the Registrar's Office prior to the first class meeting to make alternative arrangements and to confirm registration in the course.

### **Repeating Courses**

Any course may be repeated unless otherwise noted. The credit and grade earned in the course most recently taken will be used to calculate the accumulated credits and the cumulative grade point average. The previously earned grade will still appear on the transcript even though it no longer is calculated in the GPA or accumulated credit totals. Some courses may be repeated for duplicate (or more) credit and are noted as such.

If a student fails a course within one of the required Natural, Growing, or Superior Connections curricula, he or she must repeat the course in order for the block to be considered completed. Repeat rules relating to calculation of GPA will be as described above. In the rare case that the failed class is not offered again, the student must complete a similar course approved by the Connections curriculum program coordinator in order to complete the block. In this case, the previously failed course will remain in the student's GPA and not be replaced by the grade earned in the substitute course. A student is required to repeat an entire two-course block if he or she fails both of the block courses.

Courses within a Natural, Growing, or Superior Connections block cannot be repeated unless the original grade earned was a grade of F.

### **Course Substitution Policy**

Occasionally students may find they are unable to take a requirement as stated in the College catalog. Under these circumstances students may substitute an approved course for a requirement within a major or minor. Depending on the requirement, certain restrictions and procedures apply.

### **Major and/or Minor Requirements**

Under the following conditions, a course may be substituted in a major or minor.

- **Transfer Equivalency** - Upon further review of an initial transfer evaluation, a department chair may propose to change an equivalency or to accept a transfer course in lieu of the current requirement.

- Course Cancelled and Replacement Non-Specified - Substitutions may become necessary when a course is cancelled.
- Time Conflict - Sometimes time conflicts occur and courses cannot be arranged or taken in a subsequent session.
- Teacher Education Program Requirements - The Education Department Chair may substitute all elementary education requirements, all secondary education licensure requirements (not including courses within teaching majors/minors), and the specified breadth courses for teacher education that may result in liberal education substitution within those areas.

No other reasons are allowed for substitutions. Substitution forms must be filed with the Registrar's Office.

Under exceptionally rare and unusual circumstances a substitution may not be available. If this is the case, a student may seek a waiver by petitioning the Academic Standings Committee.

## **Transcripts**

Students and graduates have access to unofficial transcripts through the my.northland student portal.

Official transcripts are obtained by submitting a request form, which can be found on the bottom of the home page of the website at [www.northland.edu](http://www.northland.edu). For security purposes, this form requires the student Social Security or Student ID number and signature. It can be submitted to the Registrar's Office either by fax, scan and email, or U.S. mail. This form is required regardless if requesting an official or unofficial transcript. Official transcripts will only be released if all financial obligations have been fulfilled.

Each transcript request is \$5. The option of UPS overnight delivery is available for an additional charge.

Please allow three to five days for processing. Official transcripts are mailed. Unofficial transcripts can be faxed with permission or mailed. Only grades earned at Northland College will be computed for determining cumulative grade point average (GPA) and academic status.

## **Academic Integrity Statement and Policy**

The Faculty of Northland College value academic integrity as a guiding principle for the intellectual inquiry, research, discussion, and writing that are central to the academic program of the College.

When faculty and students participate in these activities, or when students are completing assignments, quizzes, or exams, they are expected to act with honesty and to acknowledge when they have incorporated into their own work the ideas, information, or

language of others. Failure to make these acknowledgments in an appropriate manner is a violation of academic integrity.

Students are responsible for understanding and using appropriate forms of acknowledgment and documentation in their academic work at the College as well as for completing assignments, quizzes, and exams with integrity. When they fail to do so, individual faculty members may penalize students in a manner consistent with policies outlined in their syllabi. These penalties may include, but are not limited to, failure of an assignment or a course.

In addition, faculty are required to notify the Dean of the Faculty about all documented violations of academic integrity. Records of these violations are maintained in confidential files by the Office of Academic Affairs and are correlated to identify individuals with multiple or particularly severe violations. These records are also reviewed by the Director of Teacher Education to assure continued eligibility for teacher licensure.

When the severity or quantity of an individual's academic integrity violations warrant, the Dean of the Faculty may request that the Academic Standings Committee review an individual's records. If the committee determines that the severity or number of violations warrants action, the committee may act independently of course instructors to penalize a student. These penalties may include placing a student on academic probation, suspending a student, or dismissing a student from the College.

If a student believes that s/he has been wrongly accused of violating academic integrity, the student may request that an ad hoc review panel be convened by the Dean of the Faculty. Requests for an ad hoc review must be made within ten business days of the accusation.

The ad hoc review panel is chaired by the Dean, and must include two faculty members and two students selected by the Dean in consultation with the President of the Northland College Student Association. Once convened, the Panel will determine how to proceed with an investigation of the violation in question and will establish a timeline for its completion. The outcome of the investigation will be communicated in writing to the student and faculty member(s) involved and will guide the Dean in a final decision about the case.

## **Academic Suspension**

A student with a cumulative GPA below 1.5, who earns less than a 1.0 GPA during any session, or who was on Restricted Probation and failed to comply with the conditions as prescribed. All suspended students must appeal or petition for reinstatement. First-served suspensions are for one session while subsequent-served suspensions are for one academic year. A student may immediately appeal his or her suspension if s/he has serious mitigating circumstances that affected his or her performance. A student who

successfully appeals his or her suspension will be placed on Restricted Academic Probation regardless of his or her cumulative GPA. (Please see Appeal Process below.)

If the appeal is denied, the student cannot be readmitted to Northland College as a full-time student until s/he has met satisfactory academic standing. The student can meet the standing by enrolling at Northland for a maximum of 8 credits per term and increasing his or her overall GPA to 2.0 or by taking approved courses at another institution and earning a minimum GPA of 2.0\*. The student may apply any amount of repeat coursework, completed at Northland or elsewhere, to improve overall GPA.

\*Please contact the Registrar's office for more information on how completing coursework at an institution other than Northland will impact your Northland GPA.

## **Re-Admittance to Northland College**

The re-admittance process is dependent upon the length of time a student has been away from Northland College. Clearance is required from the Registrar's Office, the Business Office, and Student Services for all returning students. A student who is returning after time off for academic suspension must petition Academic Standings regardless of the length of time the student has been away.

A student returning within a two-year period must contact the Registrar's Office for re-admittance. These students are allowed to return under their original catalog. A student returning after two or more years must contact the Admissions Office for re-admission. These students will be admitted under the catalog that is in use at the time of readmission.

For more information and clarification regarding the catalog, please see "Catalog Assignment".

## **Commencement Participation**

Northland College has one commencement ceremony per year, which is held in May on the weekend of Memorial Day. The Registrar's Office confirms the eligibility of students to participate in the May commencement. The listing of eligible students is then presented to the Faculty for final approval.

Students who qualify for eligibility are those who:

- have successfully met all degree requirements for a Bachelor of Arts or Science degree over the past academic year and did not participate in the previous commencement ceremony;
- are registered and will be completing their final requirements during the summer term; or,
- are Education majors who will complete their student teaching in the fall of the following academic year.

Students who do not fit into one of these categories and would like to walk in the upcoming May commencement ceremony for personal reasons, must submit a petition to the Academic Standings Committee by March 15.

Students who lose eligibility to participate in the ceremony are those who:

- fail a required course in the winter term; or
- are suspended due to poor academic performance in the winter term.

These students may petition the Academic Standings Committee to participate in the May commencement ceremony. Due to tight timelines at this point surrounding commencement, students must contact the Registrar's Office within 24 hours of the "Final Grades due date" for the deadline to submit a petition. If this timeline is not met, the student may be allowed to participate; however, the student's name may not be included in the program.

## **Official Graduation Date on Transcript**

Northland College has three conferral (graduation) dates per year, which coincide with the last day of the Fall (December), Winter (May), and Summer (July) semesters. Students who were granted an incomplete in a class during their final semester will have six months to complete the work. Upon completion and submission of the grade by the instructor to the Registrar's Office, the conferral date that coincides with the student's last semester will be applied to the transcript. If a student does not complete the work or the grade is not submitted to the Registrar's Office within the required six months, the student will be required to repeat the course. Upon completion of the course, the appropriate conferral date will be applied.

Students who are completing their final degree requirements elsewhere must submit official transcripts, sent directly from the originating institution, to Northland College. The first conferral date, after receipt of the transcript, will be applied to the Northland transcript.

## **Leave of Absence Policy**

Students who are pursuing a bachelor's degree at Northland College and who must interrupt their education for a period of not more than one year may be eligible for a leave of absence from the College. Students can be considered for a leave of absence for personal, medical, or financial reasons (non-academic), or for study (academic reasons) demonstrated to be relevant to the student's academic goals and when the coursework is not available from Northland or other institutions with which Northland College has a formal cooperative program.

## **Process**

To be considered for a leave of absence, a student must complete a Leave of Absence form from the Student Life office. If s/he is seeking a leave for academic reasons, the student must arrange this experience with their academic advisor and receive approval by the Registrar's Office; for non-academic reasons, approval must be received from the Dean of Student Life. If the reason for the leave is medical or psychological, documentation will be required to support the request. Students will also need to meet with the following offices as necessary: Student Life, Financial Aid, and Student Accounts.

Students granted a leave of absence, and who are in good standing with the College, will be able to access their Northland College email during the approved leave and will receive information regarding registration. During the last semester of a student's leave of absence, he/she will have the opportunity to pre-register for the following semester by contacting the Director of Career Education and Retention. Students will be assisted in their re-enrollment process, and their return to the college will be coordinated with other campus offices as appropriate. Housing and financial aid applications completed within the stated timelines will be considered as on-time applicants. Northland financial aid awards will be in the same proportion and amounts as the last date of attendance. Students are not eligible to reside on campus, attend classes, or participate in regular campus activities during their leave of absence.

When a student obtains a leave from the college after the start of a semester, the policy for grades assigned to courses for which s/he is registered is the same as the course withdrawal policy. On the leave application, students must indicate the last day of class attendance. A student taking a leave prior to the mid-semester date does so without academic penalty and is assigned a grade of "W." If a student takes a leave after the deadline for individual course withdrawals and up to two weeks before the end of the semester, he/she will not receive a "W"; instead, they will receive the earned letter grades as assigned by their faculty.

Incomplete (I) grades earned during the semester prior to leaving College are subject to the same college grading policies. Hence, even though students may not be enrolled for the full semester, previous semester incompletes must be made up by the specified dates.

Students who leave the College after the start of a semester will follow the same process and timelines as the withdrawal process for all forms of financial aid and any tuition refunds, if applicable.

Leaves of absence will not extend beyond one academic year. If students do not return from the approved leave of absence, they must contact the Registrar's Office in writing to withdraw from the College. Students who do not withdraw from the College will be administratively withdrawn. All students who have withdrawn or have been administratively withdrawn must apply for re-admission.

### **Students Called to Active Military Duty Policy**

Northland students called to active military duty with an activation date during a semester have the following options

- receive course grades for the current semester, as approved by instructors, if enough of the semester has been completed (This determination is up to each individual instructor and depends upon different course requirements);
- receive incompletes, if approved by instructors, with the opportunity to complete the courses within the existing incomplete grade policy;
- receive administrative drops with a refund for some courses and grades/incompletes in other courses, if approved by the course instructors (Administrative drops result in the class not showing up as enrolled or attempted for the semester, and administrative drops may not be the best option for students receiving financial aid);
- withdraw from all current semester courses with a full refund of tuition and fees (This would result in no classes showing on a transcript either as enrolled or attempted for the semester, and this may not be the best option for students living on campus or receiving financial aid);
- receive grades of “W” for all classes enrolled for the semester, regardless of date of withdrawal (Refunds will be calculated using the refund schedule published in the catalog, and this may be better than other options for students receiving financial aid or living in campus housing).

Refunds or repayments of VA benefits received by the student will be determined solely by VA regulations.

## **Name Change Policy**

A current student wishing to change his or her official name may do so by providing the Registrar’s Office with official documentation for one of the following:

- valid driver’s license or picture ID;
- Social Security card;
- marriage certificate; or
- court document stating the name change.

## **Address Change**

A current student wishing to change his or her address may do so by providing the Registrar’s Office with the necessary information. This not only includes the address but also the type of address. Students must provide an off campus address as a Legal/Home/Permanent (LHP) address; a Northland College campus mailbox is not a valid LHP.

## **Official Communication**

All currently enrolled Northland College students are provided with access to the my.northland student web portal, a Northland email address, and a campus mailbox. The web portal provides students with general information such as deadline dates, tuition rates, and registration materials; personal information such as grades, tuition balance, schedule of classes and unofficial transcript; and interactive services such as online registration and a GPA calculator. The email address is the official means of communication with the individual student. The campus mailbox is for correspondence that is addressed to the student coming through the U.S. postal office as well as various inter-campus departments. Students are expected to check the portal, email, and their campus mailbox on a regular basis.

## **Awards and Honors**

Northland College presents awards and honors to students in recognition of academic merit and achievement. Many of these accomplishments are announced at the Honors Day Convocation held the first Thursday of April. Awards and honors are listed below.

### **Dean's List**

The Dean's List is computed at the conclusion of the fall and winter sessions. Full-time students (students who complete 12 or more credits during each of the fall and winter sessions) with letter grades in at least 12 credits, and who earn a 3.5 grade point average with no grade less than C and no incomplete grades earn this honor.

### **Major Merit Awards**

Major merit awards, such as the Elementary Education Program Award and Native American Studies Award for Academic Excellence, are awarded to seniors upon nomination by the program faculty members of the major. Eligibility for nomination is based on a minimum grade point average of 3.0 and significant contributions made to the major above and beyond academic contributions.

### **Other Awards**

Several other awards are conferred upon students on the basis of academic merit

Monetary awards often accompany these recognitions. In some cases, a check is presented at the Honors Day Convocation. In other instances, the award is applied to the following year's tuition.

### **Graduating with Honors**

To be eligible to graduate with honors, a student must earn a minimum of 48 letter-graded credits at Northland and have been enrolled at Northland College during his or her junior and senior years. The minimum requirements for the Bachelor of Arts or Bachelor of Science degree must be successfully fulfilled as stated in the student's assigned



program catalog. A student will graduate with honors if s/he has attained an overall grade point average of 3.50 or higher. Students who earn a cumulative grade point average from 3.50 to 3.69 will graduate Cum Laude (with honor); students who earn a grade point average from 3.70 to 3.89 will graduate Magna Cum Laude (with great honor); and students who earn a grade point average of 3.9 or higher will graduate Summa Cum Laude (with highest honor). For purposes of the commencement program, honors are determined at the end of the winter session. For purposes of the final transcript, honors are determined at degree completion.

## **Honor Societies**

### **Alpha Chi Honor Society**

Alpha Chi is a coeducational society whose purpose is to promote academic excellence and exemplary character among college and university students and to honor those who achieve such distinction. Its name derives from the initial letters of the Greek words "aletheia", meaning truth, and "xarakter", meaning character. As a general honor society, Alpha Chi admits to membership students from all academic disciplines.

Membership in Alpha Chi recognizes previous accomplishments and provides opportunity for continued growth and service. It seeks above all else to serve the needs of the students who comprise its membership. As a phrase from its constitution suggests, Alpha Chi seeks to find ways to assist them in making scholarship effective for good.

Alpha Chi is opposed to bigotry, narrowness, and distinctions between people on any basis. Alpha Chi seeks to promote the genuine personal worth of each individual.

### **Psi Chi Honor Society In Psychology**

Psi Chi, the National Honor Society in Psychology, was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship and advancing the science of psychology. These aims are summarized in the two Greek words "psyche", meaning the mind and its enrichment, and "cheires", meaning research and fellowship. Membership is open to undergraduate men and women who are making the study of psychology one of their major interests and who meet the society's qualifications of leadership and excellence in their scientific studies.

Academic Calendar

## **The 4-4-1 Calendar**

A unique element in Northland's academic program is its calendar. The fall and winter sessions are each 15 weeks in length. The spring (May) session is 4 weeks in length with a 12 week summer session. Fall and winter sessions allow time for maturation of ideas in a program of varied courses. The shorter spring session provides an opportunity for

concentration through seminars, field experiences, travel abroad, independent study, and internships. The summer session allows for a variety of offerings including a 5-week course session and extended time for field experiences and internships.

## **Fall Session 2012-13 (15 Weeks)**

Residence halls open for returning students (8 am)	September 1
Labor Day (no classes)	September 3
Last day to add classes online	September 4
First day of classes (8 am)	September 5
Last day to add courses with faculty approval (4 pm)	September 14
Last day to drop courses without record (4 pm)	September 14
Community Event (no classes from 8 am to noon)	September 25
Mid-Session Reading Day (no classes)	October 22
Deadline for Winter 2011-12 incomplete grades	October 23
Community Event (no classes)	October 26
Mid-session grades due (4 pm)	October 31
Pre-registration begins for Winter-Spring 2012-13	November 5
Last day to withdraw from full-session courses	November 9
Thanksgiving break begins (8 am)	November 21
Classes resume (8 am)	November 26
Deadline for Spring 2011-12 incomplete grades	November 26
Last day of classes/session	December 14
Winter break begins	December 15
Residence halls close (12 pm)	December 15
Final grades due (4 pm)	December 17

## **Winter Session 2012-13 (15 Weeks)**

Residence halls open for returning students (8 am)	January 5
Last day to add classes online	January 8
First day of classes, Wednesday (8 am)	January 9
Deadline for Summer 2011-12 incomplete grades	January 14
Last day to add courses with faculty approval (4 pm)	January 18
Last day to drop courses without record (4 pm)	January 18
Community Event (no classes from 8 a.m. to noon)	January 21

Mid-session grades due (4 pm)	February 27
Community Event (no classes from 8 a.m. to noon)	February 28
Mid-session break begins (8 am)	March 6
Classes resume Monday (8 am)	March 11
Last day to withdraw from full-session courses (4 pm)	March 15
Pre-registration begins for Summer-Fall 2013-14	March 18
Good Friday (no classes)	March 29
Honors Day	April 4
Last day of classes/session	April 19
Inter-Session break begins	April 20
Final grades due (4 pm)	April 22

## **May Session 2012-13 (4 Weeks)**

First day of classes Monday	April 29
Last day to add courses with faculty approval (4 pm)	May 3
Last day to drop courses without record (4 pm)	May 3
Last day to withdraw from courses (4 pm)	May 10
Last day of classes/session	May 24
Commencement	May 25
Residence halls close for non-graduates (12 pm)	May 25
Residence halls close for graduates (12 pm)	May 26
Memorial Day observed	May 27
Grades due (4 pm)	May 28

## **Summer Session 2012-13 (5 and 12 Weeks)**

Residence halls open (8 am)	June 8
First day of classes Monday	June 10
Last day to add 5-week courses with faculty approval (4 pm)	June 11
Last day to drop 5-week courses without record (4 pm)	June 11
Deadline for Fall 2012 incomplete grades	June 17
Last day to withdraw from 5-week courses (4 pm)	June 21
Last day to add 12-week courses with faculty approval (4 pm)	June 21
Last day to drop 12-week courses without record (4 pm)	June 21

Independence Day Observed (no classes)	July 4
Last day of classes/session	July 12
*Residence halls close (12 pm)	July 13
Grades due (4 pm)	July 15
Last day to withdraw from 12-week courses (4 pm)	August 2
Last day of session	August 30
Grades due (4 pm)	September 3

\*Information will be provided to students who require housing for the full 12 week summer session.