2024-2025 Northland Catalog

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 2024 is assigned to the 2024 catalog, not the 2023 catalog.

Students wishing to declare a major or minor in a catalog newer than the one to which they are assigned may move forward into a newer catalog with their advisor's approval by completing a Catalog Change Form. 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. Students should check with the Program Coordinator to help determine how to meet the requirements of any catalog changes that may affect their 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.

Non-Discrimination Statement

Northland College does not discriminate on the basis of race, color, creed, sex, religion, national origin, age, disability, genetic information, status with respect to public assistance, sexual orientation, or any other protected status in administration of its educational policies, financial aid program, athletics and all other programs. Harassment based upon an individual's legally protected status is a form of prohibited discrimination.

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 102 - Visual Storytelling

3 Credits Storytelling is at the heart of human existence. This studio course allows students to learn essential character development, composition, narrative, and sequencing to tell an effective story. Students learn the history of comics, zines, and artist's books as they explore their own personal expression in these forms.

ART 106 - Intro to Visual Communication

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.

ART 112 - Drawing by Nature

3 Credits This is a non-studio course where 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. On-site drawing locations chosen by the instructor will include urban and rural subjects. The student will develop an ability to make effective choices concerning media, techniques, subject matter, methods of interpretation, and compositional design.
Course Fee.

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 Students learn to form clay through basic to intermediate hand-building techniques and a very brief introduction to wheel throwing. Students also practice finishing and glazing their work while learning to assess the quality of three-dimensional forms. The development of processes for creative thinking is integral to the course.
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.

ART 226 - 3D Printing in Clay

3 Credits Students learn to use 3D modeling and slicing software to create printable objects. These objects will be designed based off of the study of the elements and principles of design. Students then take their designs and learn to print them on a clay 3D printer. Students will learn about the working and maintenance of the specialized 3D printer. Students learn to finish their pieces through ceramic firing and glazing.
Course fee.

ART 230 - Art History I

3 Credits In this class, students develop their understanding of Western Art History from the Neolithic to the Baroque. Using the text and online resources "Gardner's Art Through the Ages," students study works from the Stone Age, the Ancient, the Early Christian, the Medieval, the Gothic, and the Renaissance up through the Baroque period. Students also study a brief survey of non-western art before 1200 CE. Great artists and specific works of art, as well as the social forces and cultural shifts that brought them about, are integral to the course.

ART 231 - Art History II

3 Credits In this class, students develop their understanding of Western Art History from the Rococo to the present. Using the text and online resources "Gardner's Art Through the Ages," students study Rococo, Neoclassicism, Romanticism, Realism, through the major "isms" of the Modern and Contemporary eras, concluding with themes in the art of the present. Students also study a brief survey of non-western art after 1200 CE. Great artists and specific works of art, as well as the social forces and cultural shifts that brought them about, are integral to the course.

ART 262 - Digital Photography I

3 Credits This studio course introduces students to the basic principles and applications of digital photography as a medium, a skill-set, and an integral part of today's digital literacy needs. Topics covered include capturing images using digital cameras while emphasizing the manipulation of camera controls, exposure, lighting, on-and-off camera flash, essential imaging tactics, digital workflow for photography, print, web and image storage and archival.
Course Fee

ART 265 - Nature Printing

3 Credits From Japanese fishermen preserving a record of their catch to botany studies by Leonardo DaVinci to Ben Franklin's use of imprinted leaves on early American money, printing images directly from nature has intrigued humans for centuries. In this studio class students explore various techniques monoprinting and monotyping by printing plants and fish native to this area. Students learn about the history of paper and historic uses of these techniques. Emphasis is placed on personal expression through basic design principles.
Course Fee.

ART 270 - Printmaking: Relief and Screen

3 Credits

The focus of this studio class is on relief and screen printing processes including woodcut, linoleum cut, drypoint, and screen printing to produce original works of art. 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.

ART 280 - Graphic Design I

3 Credits This foundational course in graphic design guides students in developing and expanding their vocabularies in visual communication. Utilizing basic design elements and principles students explore graphic solutions for communication problems through digital and traditional tools. Emphasis is placed on research and idea generation as students learn to analyze and discuss their work as well as that of others, as they become familiar with the theoretical and practical aspects of the graphic design process. Creative studio practice is combined with lectures, readings, and software training.
Course Fee

ART 282 - Web Design I

3 Credits This course is an introduction to concepts, methods, and technologies utilized in the design of interactive media. Students study user and site requirements and address design problem solving within screen-based projects developed for various content, needs, and audiences. Creative studio practice is combined with lectures, readings, and software training.
Course Fee

ART 285 - Typography

3 Credits This class explores creative, historical, theoretical, and applied principles of type. Creative projects and exercises guide students to explore the impact of choosing typefaces, their combinations, and the expressive possibilities of type. Students also develop skills to enhance, clarify, and support meaning through typographic choices. Creative studio practice is combined with lectures, readings, and software training.
Course Fee
Prerequisites: ART 106

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.
Prerequisites: ART 106, ART 111, or ART 260 and Junior Standing recommended

ART 320 - Ceramics II

3 Credits A continuation of ART 220, this intermediate level course expands students' ability to form clay, assess the quality of three-dimensional forms, use basic ceramic tools and machinery, and develop processes for creative thinking. Students focus on learning to throw clay forms and pots on the wheel while incorporating further handbuilding skills. Students develop time management and multi-tasking skills while exploring concepts more in depth. Students also gain basic knowledge of kiln firing, as well as clay and glaze formulation.

Course Fee.
Prerequisites: ART 220

ART 370 - Printmaking: Litho and Intaglio

3 Credits

The focus of this advanced studio class is on Intaglio and lithographic processes including etching, soft ground, aquatint, stone, and polyester plate lithography to create original art works. 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 265 or ART 270

ART 380 - Graphic Design II

3 Credits This intermediate course in graphic design builds on the skills and concepts learned in Graphic Design I. Students have an opportunity to work on design problems with professional clients. Creative studio practice is combined with lectures, readings, and software training.
Course Fee
Prerequisites: ART 280

ART 382 - Web Design II

3 Credits This advanced interactive design course allows students to put their understanding and training to use by working with clients to solve real world design problems. Creative studio practice is combined with lectures, readings, and software training.
Course Fee
Prerequisites: ART 282

ART 385 - Graphic Design History

3 Credits Students explore the history and theory behind the evolution of graphic design, with a particular focus on the past 100 years.
Course Fee
Prerequisites: ART 280

ART 402 - Senior Exhibition

1 Credits Students install, 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 Portfolio

3 Credits Students develop standards for aesthetic judgments and gain insight into their own creative potential through group critique and the study and discussion of the theories of the character and functions of art and artists' perceptual, conceptual, and motivational processes. Students learn guidelines for portfolios, professional writing, and professional display and documentation of artwork. Students develop their professional writing through multiple drafts and workshops throughout the semester. This class is part studio and part seminar style.

Course Fee.
Prerequisites: Instructor consent. Corequisite: ART 490 Independent Study with a studio art focus, 1 credit

ART 480 - Graphic Design III

3 Credits This advanced course in graphic design builds on the skills and concepts learned in Graphic Design II while working with clients to solve real world design problems. Creative studio practice is combined with lectures, readings, and software training.
Course Fee
Prerequisites: ART 380

Biology

BIO 104 - Medical Terminology

3 Credits Students study the language of medicine pertaining to human anatomy, physiology, diagnosis, and pathophysiology. The Greek and Latin bases of medical terms will be surveyed, including prefixes, suffixes, roots, and combined forms. Relevant acronyms and abbreviations will also be included.

BIO 106 - Environmental Science

4 Credits Students study the science behind resource use and environmental degradation, and apply that knowledge to develop ecologically and sustainable solutions. Emphases are on natural resources, climate, and land use. Field and lab activities provide insight to environmental principles and their application.
Course Fee

BIO 107 - Nutrition

4 Credits Students study nutrition with an emphasis on the role of nutrients in human physiology. Topics covered include digestion, macronutrients, micronutrients, nutrition throughout the life cycle, nutrition in sports, weight management, diseases resulting from improper nutrition, disordered eating, nutrition policy, and public health. Lab activities involve food experiments, nutrient analyses, diet evaluation, and physiological measurements.
Course Fee

BIO 115 - Investigating Life

4 Credits Through investigation, reading, and discussion, students explore things that are (or once were) alive. Emphasis is placed on exploration and connection with living systems and organisms. Field and lab activities provide hands-on experience with biological systems.
Course fee
Prerequisites: First-year/Freshmen and First-year Transfer Students Only

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

3 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
Corequisites: ENG 126, GSC 112, IDS 120 , and NAS 160 .

BIO 138 - Foundations of 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

BIO 208 - Anatomy

4 Credits This course provides an overview of mammalian anatomy, with an emphasis on human anatomy. In the laboratory, students engage in dissections and work with models in order to apply what they learn in lecture.
Course Fee
Prerequisites: BIO 106, BIO 128 or BIO 138

BIO 222 - Spring Flora

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 106, BIO 128 or BIO 138

BIO 224 - Entomology

4 Credits Students study the biology, ecology, taxonomy, and management of insects and related arthropods. Laboratory work will focus on collection, identification, and preservation of arthropod specimens.
Course Fee
Prerequisites: BIO 106 , BIO 128 or BIO 138

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 106, BIO 128 or BIO 138

BIO 226 - Field Parasitology

4 Credits Students will study symbiotic relationships such as parasite population, life cycles, and taxonomy. The course is designed to provide a broad exposure to methods of collecting and identification of parasites, data collection and analysis, presentation of results, as well as the ecology of infectious organisms.
Course fee
Prerequisites: BIO 106, BIO 128 or BIO 138

BIO 231 - Paleobiology

4 Credits In this course students explore the history of life on earth, the interplay between geological and biological processes, and the tools scientists use to study the fossil record. There is one, multi-day field trip to a paleontological museum.
Course Fee
Prerequisites: BIO 106, BIO 115 or BIO 128

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.
Prerequisites: BIO 106, BIO 128 or BIO 138

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 106, BIO 128 or BIO 138

BIO 237 - Embryology

4 Credits Students in this course will examine embryonic development from a comparative standpoint. Topics include gametogenesis and fertilization, cell division and growth, and shared developmental processes such as gastrulation, neurulation, morphogenesis, and organogenesis. Emphasis in lecture and lab is on classical principles of embryonic development, while also beginning to integrate more modern molecular signaling.
Course Fee
Prerequisites: BIO 106, BIO 128, or BIO 138

BIO 240 - Conservation Genetics

4 Credits Students apply the foundational principles of genetics to collecting, analyzing, and interpreting genetic data in populations. Students investigate how genetic information is used in population management and restoration through case studies in scientific literature.
Prerequisites: BIO 234

BIO 242 - Ichthyology

4 Credits In this course students study the biology, ecology, taxonomy, and management of fish, with a focus on Great Lakes and northern Wisconsin fishes.
Course Fee.
Prerequisites: BIO 106, BIO 128 or BIO 138

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
Prerequisites: BIO 106, BIO 128 or BIO 138

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 106, BIO 128 or BIO 138
Corequisites: BIO 234

BIO 303 - Exercise Physiology

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 their application.
Prerequisites: BIO 138 and sophomore standing

BIO 309 - Evolutionary Biology

3 Credits This course covers evolutionary biology from large to small scale processes. Students study population genetics, selection, speciation, coevolution, phylogenetics, and phenotypic evolution. Labs explore evolution in action.
Course Fee.
Prerequisites: BIO 240 or BIO 330

BIO 320 - Biomechanics

4 Credits Biomechanics is the study of the effect of mechanical phenomena on the human body. This course introduces students to the basic mechanical principles of physical activity and exercise. These principles are applied to human structure and function which allows for analysis of human movement and the musculoskeletal system.
Course Fee.
Prerequisites: BIO 138 and sophomore standing

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 and junior standing.

BIO 330 - Genetics

4 Credits This course integrates the classical and molecular principles of genetics. Topics include transmission, population, conservation, and quantitative genetics, as well as gene expression, regulation, and mutation. Problem solving is emphasized.
Prerequisites: BIO 138

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

BIO 346 - Wildlife Disease

3 Credits Students investigate the causes of wildlife diseases and management practices to protect wildlife of economic and conservation importance. Topics include the pathobiology, zoonosis, disease survey techniques, and disease management.
Course Fee.
Prerequisites: BIO 234

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 234

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.
Prerequisites: BIO 106, BIO 128 or BIO 138 and Admittance to the Round River Program

BIO 371 - Natural History Methodology and 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.
Prerequisites: BIO 106, BIO 128 or BIO 138 and Admittance to the 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.
Prerequisites: BIO 106, BIO 128 or BIO 138 and Admittance to the Round River Program

BIO 410 - Conservation Biology

4 Credits Through case-studies and discussions, students study the ecological and social theories that form the foundation of Conservation Biology. Students explore the major threats to global biodiversity and efforts to mitigate those threats (i.e., habitat loss, exploitation, pollution, global climate change, and invasive species). Students examine and discuss controversial aspects of conservation, such as rewilding, compassionate conservation, hunting for conservation, and fencing for conservation. Topics include metapopulation dynamics, conservation genetics, conservation prioritization and planning, community conservation, environmental policy and economics, ethics in conservation, and conservation conflicts.
Prerequisites: BIO 234

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 138 and sophomore standing.

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, or CHM 110.

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: Biology major and Senior Standing

Business

BUS 136 - Financial Literacy for Everyone

3 Credits Students gain understanding of daily personal finance choices and decision making, including the purpose of credits cards, forms of investment, and impacts of associated risks. Students learn financial planning, budgeting, retirement plans, debt management, taxation, and investment options based on their profiles. Students further acquire knowledge of Excel formulas to create their personal financial projections through effective planning, budgeting and consistent implementation of learned strategies.

BUS 140 - Managing for Sustainability

3 Credits This course surveys the emergence and role of sustainability in business organizations. Students investigate the business case for sustainability while examining the political and social trends informing sustainable business operations. Students become familiar with key concepts and models that guide corporate sustainability while exploring sustainable practices within discrete business functions such as finance, product development, and marketing.

BUS 168 - Technology and Communication

3 Credits This project-based course introduces students to contemporary business issues surrounding communication and technology. Students build a basic technical vocabulary to better understand current computing technology, as well as to develop computer literacy skills to adapt to emerging technologies in the global marketplace. Students enhance reading, writing, computing, professional communication, and reasoning skills and apply them to the business environment.

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.

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.

BUS 230 - Leadership: Theory and Application

3 Credits This course is designed to introduce students to the theory and practice of the concept of leadership and its component elements. Students will study traditional and contemporary leadership theories, styles and practices. The course will move students from theoretical learning to practical organizational application by having them apply topical concepts to the analysis of both profit and non-profit organization as viewed through the leaser's holistic perspective. Leadership skill development will be done through the use of class discussions, case analysis, problem solving exercises, and oral and written presentations. Emphasis will be placed on interpersonal communicative skill development in leadership settings.
Prerequisites: Sophomore standing

BUS 232 - Principles and 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.

BUS 237 - Environmental Marketing

3 Credits This course introduces general principles of marketing within the context of environmentally focused organizations. Students learn to develop integrated marketing plans that are targeted at enhancing an organization's market effectiveness through environmentally responsive marketing mix.
Prerequisites: Sophomore standing

BUS 301 - Operations Management

3 Credits Students study organizational operations from various business perspectives. The course focuses on cost-effective production and delivery of goods and services. Students learn to design, operate, and improve the systems and processes that deliver goods and services through profitable operations management tools such as process flow diagrams, lean management, and decision trees.
Prerequisites: BUS 232, ECN 263 and sophomore standing

BUS 311 - Social Innovation & Impact

3 Credits Students develop a conceptual and applied understanding of social impact ventures. Students learn the knowledge, skills, and attitudes required to challenge assumptions, generate and communicate innovative ideas, and ultimately provide sustainable solutions to social problems. The course examines processes and strategies of social innovation through different organizational platforms applicable to private, public and non-profit sectors.
Prerequisites: junior standing

BUS 320 - Intermediate Quantitative Methods

4 Credits Students learn data analysis and statistical computing, equally and progressively used in the social sciences and human services. The course focuses on the application of quantitative reasoning, conception, and raw data analysis. Students are empowered with practical tools for weighing statistical prerogatives and steering their own statistical analyses. Topics includes descriptive measures, measures of relationship, sampling and sample size estimation, and simple linear regression.
Prerequisites: MTH 107

BUS 324 - Sustainable Recreation & Ecotourism

3 Credits Students examine the role of sustainability in the fastest growing economic sector in the United States: hospitality and tourism. Students study the major theories and concepts guiding research and practice of sustainable recreation and its relation to community development. The course highlights critical issues such as over-tourism, rural and urban differences, worker justice, and environmental conservation. Students will engage in community-based learning. This course can be taken as either BUS 324 or SCD 324.
Course Fee
Prerequisites: Sophomore standing

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: ECN 263 and sophomore status

BUS 327 - Marketing for Sustainability

3 Credits Students learn about the socially-conscious sub-disciplines of marketing. The course challenges the idea that marketing plays only a commercial role in the economy, emphasizing the impact of modern marketing on consumer welfare and society. Students develop integrated marketing plans that seek to shape the conservation ethic of an organization's individual members and their communities through an environmentally and socially responsive

marketing mix.
Prerequisites: BUS 232 and sophomore standing.

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 168, BUS 222, and ECN 263

BUS 338 - Human Resource Management

3 Credits Students focus on the various functions of HRM in profit and non-profit organizations. Topics studied include selection, training, recruiting, developing employees, wage and benefit management, unions and employee relations, performance appraisal, and employee law.
Prerequisites: BUS 232 and Junior Standing

BUS 340 - Social Media Marketing

3 Credits Students study the macro-environmental issues affecting social media and the marketing application of emerging social media strategic tools. Students learn to set objectives, integrate social media into overall marketing and communication plans, measure program outcomes, and to utilize new media technologies. The class includes hands-on development of social media tactics and may require learners to sign up for social media accounts.
Prerequisites: BUS 168 and BUS 228

BUS 342 - Business and Public Policy

3 Credits Students examine the relationship between government and business, identifying the primary external factors that influence public policy choices. The course assesses how legal, regulatory, and policy changes affect business organizations and how organizations respond to such changes through public issue management and social responsibility.
Prerequisites: ECN 263 and junior standing

BUS 358 - Innovation and Creativity

3 Credits Students develop a conceptual and applied understanding of organizational innovation by examining the institutional contexts that foster or impede innovation. Students also become familiar with the key organizational characteristics associated with innovation and creativity applicable to both for and not-for-profit organizations. Ultimately, students are prepared to manage innovation and foster creativity within organizations.
Prerequisites: Junior Standing

BUS 359 - Entrepreneurship

3 Credits The course is designed to stimulate entrepreneurial thinking among students and help them recognize opportunities that can be converted into successful ventures using the principles and best practices of management. Students will learn application of marketing, finance, ethics, and human resource concepts. Special emphasis is placed on providing hands-on experience of developing comprehensive business plan.
Prerequisites: Junior Standing

BUS 360 - Grant Writing

3 Credits In this introductory course, students will learn grant writing basics. Students will develop a program in an area of personal interest; practice pre-writing exercises; write sections of a proposal and a letter of inquiry; and prepare budgets. The emphasis in the course is on grant writing for program support, program development, and operating grants. Writing research and construction grants are touched on but not discussed in depth.
Prerequisites: Junior Standing or Instructor Consent

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 sciences are stressed, with emphasis on leadership and motivation theories. Includes the principles, concepts, and processes that interpret human relations in management at the individual and organizational levels.
Prerequisites: Junior or Senior Standing

BUS 362 - Non-Profit Management

3 Credits The course will help students learn about the macro-environment surrounding the non-profit sector. By examining case studies drawn from social cause organizations as well as from arts and culture-promoting organizations, students will learn concepts and best practices for managing a successful non-profit organization. This course will help prepare students for managerial careers in the non-profit sector.
Prerequisites: Junior Standing or Instructor Consent

BUS 415 - The Inclusive Workplace

3 Credits Students acquire knowledge and skills that prepare them to be effective managers of diverse populations. The course emphasizes the causes and consequences of organizational exclusion and introduces students to realities of the contemporary workforce, including demographic, legislative, and social policy trends. Students learn the process of organizational change and how to apply interdisciplinary theories of cross-cultural differences to increase their intercultural competence.
Prerequisites: Junior standing

BUS 429 - Managing Conflict In Organizations

3 Credits This course prepares students to lead through conflict in work and community environments. Students learn about organizational conflict, design, leadership and communication style. Students investigate theories to understand common sources of conflict and solutions to resolve organizational conflict. Using experiential learning, students apply practices to conflict.
Prerequisites: BUS 232 and PSY 110

BUS 431 - Legal & Ethical Environment of Business

3 Credits

Students survey the legal and ethical environments in which businesses operate. The course provides students with an overview of statutory and judicial efforts to regulate business activity, as well as an introduction to ethical theory and decision making models. Topics include regulation of commerce and competition, labor management relations, torts and crimes, contracts, consumer protection, environmental protection, social responsibility, formation of businesses, mergers, and acquisitions.

Prerequisites: Junior Standing

BUS 440 - Corporate Social Responsibility

3 Credits Students examine the relationship between corporate governance and corporate social responsibility, critically assessing the assumptions that underlie theories of corporate governance and the expected outcomes of various board compositions and structures. The course focuses on how corporate actions serve the interests of various stakeholders, demonstrate support for social causes, and explores the issue of accountability. Emphasis is placed on balancing economic, social, individual, and communal goals.
Prerequisites: BUS 232, ECN 263 and junior standing

BUS 475 - Strategic Planning and Policy Capstone

3 Credits Students analyze 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 103 - General Chemistry: The Chemistry of Food

4 Credits While studying food, nutrition, and sustainable agriculture, students explore chemistry concepts such as unit conversions and stoichiometry, periodic properties, atomic and molecular structure, functional groups, polarity, equilibrium, acids and bases, titration, reduction and oxidation. Emphasis is placed both on classroom and laboratory investigations.
Course Fee.
Corequisites: ENG 140

CHM 110 - General Chemistry

4 Credits Students explore chemistry concepts such as unit conversions and stoichiometry, periodic properties, atomic and molecular structure, functional groups, polarity, equilibrium, acids and bases, titration, reduction and oxidation. Emphasis is placed both on classroom and laboratory investigations. (Advanced Placement or CLEP credit accepted for 110)
Course Fee

CHM 145 - Atmospheric Pollution

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

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
Prerequisites: CHM 103, CHM 105, or CHM 110

CHM 212 - Water Quality Lab Techniques

4 Credits This laboratory based course provides hands-on experience in water quality analysis with a focus on regional water quality issues. In collaboration with Northland's Applied Research and Environmental Laboratory, students will learn quantitative methods of analysis while measuring water quality indicators such as total phosphorous, chlorophyll a, nitrate, and chloride. The course will incorporate a wide range of chemical techniques including volumetric, potentiometric, and spectrometric methods.
Course Fee
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 presents 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 220

CHM 225 - Quantitative Analysis

4 Credits Students study error analysis, equilibrium, calibration techniques, acids and bases, and buffers. In the lab, students learn how to use quantitative methods of analysis including gravimetric, titrimetric, and spectrophotometric methods. Students also learn how to validate results with methods of quality assurance.
Course Fee.
Prerequisites: CHM 103, 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 or CHM 110

CHM 246 - Introduction to Forensic Chemistry

By investigating crime scenes, students learn how to analyze trace evidence of unknown materials using FT-IR, chromatography and UV-Vis spectrophotometry. Students learn the principles associated with DNA analysis and

fingerprinting and investigate the validity of historical forensic techniques such as hair analysis, blood spatter, body measurements and toxicology.
Course Fee
Prerequisites: CHM 103 or CHM 110

CHM 321 - Advanced Organic/Inorganic Chemistry

3 Credits Students study advanced topics in organic, inorganic and polymer chemistry. These areas of chemistry apply to the majority of processes found in the chemical industry, which produces most of the goods found in our society. The content in this class will equip students to understand how these goods are made as well as what environmental implications result.
Prerequisites: CHM 220 , CHM 221 , and CHM 240.

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.
Prerequisites: CHM 103, CHM 110, or MTH 140

CHM 345 - Biochemistry

4 Credits This course aims to explain biological principles using chemical principles. In this course students will learn about amino acids, proteins, structures of proteins, lipids, and membranes. At the end of the semester, the course will introduce metabolism by studying glycolysis.
Course Fee.
Prerequisites: CHM 220

CHM 440 - Physical Chemistry

4 Credits This course introduces students to the core topics in quantum mechanics and chemical thermodynamics. Physical chemistry examines mysteries of the subatomic scale while also investigating chemical systems on a larger scale. Topics include quantization, quantum models, heat, work, entropy, enthalpy, free energy, and the laws of thermodynamics.
Prerequisites: MTH 141, PHY 110, and PHY 111

CHM 443 - Quantum Mechanics and Molecular Spectroscopy

4 Credits This course starts by exploring the scientific discoveries that prompted the quantum revolution. Students then solve the Schrodinger equation for several important model systems such as particle in a box, harmonic oscillator, rigid rotor, and the hydrogen atom. Students also apply molecular spectroscopy to simple systems.
Prerequisites: MTH 141, PHY 110, and any CHM course

CHM 444 - Physical Chemistry Lab

4 Credits Students solidify concepts learned in physical chemistry by performing experiments that investigate rigid rotators, enthalpy, kinetics, and vibrational spectroscopy.
Course Fee
Prerequisites: CHM 440

Climate Science

CLM 125 - Introduction to Climate Science

4 Credits In this course, students learn how climates are shaped by interactions among components of the Earth System: the atmosphere, oceans, vegetation, land, snow and ice. Through exploring these interconnected systems, students learn how to track the flow of energy through Earth's systems, how to recognize feedbacks among systems, how to explain the coevolution of life and climate on Earth, how to understand the exchanges of carbon and water among Earth's systems, and how to describe the varied climates existing today around the world and understand the geographic elements that cause these climates. Students build their skills in planning and carrying out investigations, analyzing and interpreting data, and constructing and communicating evidence-based scientific arguments through class assignments.

CLM 244 - Understanding Climate Change

4 Credits In this course, students learn the modern scientific approach to climate change—its causes, consequences, and solutions. First, students discover how scientists have used models and observational data to understand climatic changes and predict future changes. Next, students examine the significance of these changes for humans and ecosystems worldwide. Finally, students investigate the array of proposed solutions and evaluate their costs and benefits.

CLM 246 - Climate Change Impacts and Adaptation

4 Credits Students take a tour of the scientific analysis of climate change impacts and the vulnerability of human and natural systems combined with exploration of opportunities for adaptation and building resilience through policies, programs, and individual actions. Foci include international contexts, especially developing countries, as well as our region of the Northwoods. Throughout the course, students analyze topics from a climate justice perspective.

CLM 260 - Regional Climate Change Solutions

3 Credits Climate change is affecting communities and ecosystems around the globe, and the region surrounding Western Lake Superior is no exception. In this class, students explore climatic changes and their impacts in our region, then undertake efforts to address the challenges that climate change is presenting to area communities and ecosystems. Through meeting with area experts students gain perspectives on climate change challenges in several fields, such as water quality, traditional indigenous lifeways, public health, tourism and outdoor recreation, urban infrastructure and planning. Students select a challenge to engage as a service-learning project and work with community partners to produce a solution to the challenge. Examples of project outcomes include a public event, informative media, a grant proposal, and a research review.

CLM 280 - Climate Change and Food

3 Credits In this survey of climate interactions with food production, students will explore the many interconnections between agroenvironmental systems and the climate system. Topics include climatic influences on the history of agriculture, current climatic determinants of food production, current contributions of agricultural systems to climate change, expected effects of climate change on agriculture, and possible roles for agriculture in climate change adaptation and mitigation efforts.

CLM 364 - Land-Atmosphere Interactions

4 Credits From plants to soils, the nature of the land surface has many effects on the air above it. In this way, land-atmosphere interactions are a critical component of climate science. In this course, students use a variety of field measurements from our region to examine the exchanges of energy and water between the land and the atmosphere. Through these measurements, students see the important role of vegetation in the climate occur before their eyes as the spring phenology of the Northwoods unfolds.
Prerequisites: CLM 125 and Sophomore standing

CLM 386 - Monitoring Climate Change

4 Credits From extreme weather and droughts to greenhouse gas emissions, understanding climate change requires a lot of data. In this course, students investigate the sources of these data. In the process, students learn how data are collected, processed, stored, and utilized. Students gain hands-on experience with data manipulation and mapping and explore how these data can be used in making real-world decisions about climate change.
Prerequisites: Any CLM class

CLM 464 - Climate Dynamics

4 Credits Students explore the dynamics of the climate system and how natural laws determine the climate. Topics include the role of fluid mechanics in climate, atmospheric and oceanic circulation, the El Nino/Southern Oscillation, and climate variability.
Prerequisites: PHY 111 , MTH 141 and junior standing.

CLM 467 - Atmospheric Physics

3 Credits Students explore the fundamentals of cloud physics and selected topics in radiative transfer. Topics include moist thermodynamics, cloud condensation nuclei, nucleation and cloud formation, precipitation processes, and cloud-radiation interaction.
Prerequisites: Sophomore standing

CLM 480 - Seminar in Climate Science

3 Credits This capstone course is intended for students with a major in climate science. The course may include reading and discussion of current topics in climate science, as well as research, writing, presentations, peer review, field experience, and preparation for employment and/or graduate school.
Prerequisites: CLM 125 or CLM 270 and junior standing

Computer Science

CPS 220 - Computer Science

4 Credits Students study software-engineering design concepts, effective problem-solving techniques, and Object-Oriented Programming.
Prerequisites: Any 100-level MTH course, ACT math score of 17 or higher, SAT math score of 470 or higher, successful completion of Algebra II with a grade of B or above, or instructor consent

Economics

ECN 220 - Macroeconomics in Context

3 Credits In this introductory course, students study the behavior, structure, and performance of regional, national, and global economies. Topics covered include economic growth, economic stability and stabilization, quality of employment, distributional equity, adequacy of living standards, and the role of government and policy. Students are challenged to situate macroeconomic principles in historical, social, and environmental contexts, while focusing on crucial aspects of human well-being.

ECN 221 - Microeconomics in Context

3 Credits In this introductory course, students study the behavior and interactions of individuals, households, and firms in making decisions regarding the allocation of scarce resources. Topics covered include supply and demand, product and factor markets, regulatory and distributional issues, and market structure. Students are challenged to situate microeconomic principles in historical, social, and environmental contexts, while challenging the assumptions underlying dominant theory.

ECN 263 - Essentials of Economics

4 Credits This course combines the basic principles of microeconomics and macroeconomics to develop the fundamental skills of economic thinking. Students examine how markets work, markets and welfare, firm behavior, industry organization, and the economics of the public sector. Students complete the course understanding the relevance of economics to society and the decisions individuals make every day.

ECN 310 - Environmental Economics

3 Credits Students study the economics of environmental quality and tools for understanding and analyzing environmental problems. The course treats environmental quality as an economic good, and focuses on hazardous wastes, solid wastes, water quality, air quality, and social costs.
Prerequisites: ECN 263 or BIO 234

Education

EDU 125 - Foundations of Education

3 Credits Students examine philosophical, historical, and social foundations of education. Topics include teaching as a profession, human relations, history of American education, 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 160 - Education for Social Justice

3 Credits Students investigate foundational concepts and issues of social justice in education. Students critically examine how schools can function to both challenge and reproduce injustice and explore concepts such as the history of schooling and exclusion, power and privilege, and identity.

EDU 203 - STEM for Elementary Teachers

3 Credits This course is an introduction to the foundational ideas of science, technology, engineering and math teaching and learning in K-12 educational settings. Students will learn underlying philosophies and rationale for the inclusion of science and math in the K-12 curriculum and how technology and engineering have been added as focal areas to support student learning in science and math. Students will investigate the National Science Teachers Association and the National Council of Teachers of Mathematics teacher standards and K-12 student academic standards to establish a foundation for the application and teaching these topics in their future classrooms.

EDU 204 - Language Arts for Educators

3 Credits This course will enable the student to understand and create the elementary and middle school literacy curriculum through a balanced approach of using the Common Core State Standards for English as the framework.

EDU 205 - Curriculum, Planning, and Assessment

3 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.
Prerequisites: EDU 125 and EDU 160

EDU 210 - Teaching Environmentally

3 Credits Students will establish first-hand connections with the concepts, processes, and resources of environmental education. Through course experiences and student-led activities, participants will explore, present and evaluate environmental education concepts and curricular resources. Students will reflect upon these materials to develop their own environmental education lessons around themes and events from our region.
Course Fee
Prerequisites: EDU 125 and EDU 160

EDU 223 - Teaching in the Middle School

3 Credits This course is designed to explore the many facets of teaching at the middle-school level. The students will work toward an understanding of characteristics of adolescents at this stage of development, 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, brain research, and middle-school level philosophy.

EDU 232 - Learning, Growth and Cognition

3 Credits This course will help students to develop an understanding of the cognitive, social, and emotional growth and development of the young child and adolescent. Current brain/mind research will be examined and implications for teaching and learning will be applied.

EDU 289 - Children and Adolescent Literature

3 Credits Students read and evaluate a broad range of children's 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 and Conflict Resolution

3 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 fall semester prior to student teaching. Clinical experience required.
Prerequisites: Formal admission to the education program

EDU 337 - Practicum 1

1-4 Credits This course is designed to prepare pre-service teachers for the full-time student teaching semester as well as their role as future classroom teachers. The course is divided into three parts: organization of curriculum, instruction, and assessment; an intensive clinical field experience, which deepens and strengthens the skills necessary to have a successful student teaching placement; reflection and analysis of teaching effectiveness. Clinical emphasis will be in math, classroom management, and diverse learners teaching methods.
Prerequisites: Formal admission to the education program

EDU 338 - Practicum 2

1-4 Credits This course is designed to prepare pre-service teachers for the full time student teaching semester as well as their role as future classroom teachers. The course is divided into three parts: organization of curriculum, instruction, and assessment; an intensive clinical field experience which deepens and strengthens the skills necessary to have a successful student teaching placement; reflection and analysis of teaching effectiveness. Clinical emphasis will be in literacy, science, and social studies teaching methods.
Prerequisites: Formal admission to the education program

EDU 341 - Science Teaching Methods

3 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. Clinical experience required.
Course Fee.
Prerequisites: Formal admission to the education program

EDU 349 - Literacy Teaching Methods I

3 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 experience required.
Prerequisites: Formal admission to the education program

EDU 359 - Emergent Literacy

3 Credits

Pre-service teachers plan, present, and assess a variety of language arts strategies, including guided reading, literature circles, focus units, and Daily 5/Café. Students develop their own reading program and corresponding curriculum. Pre-service teachers explore resources, tools, and strategies to align with state and national standards in reading and writing. Students prepare for the Foundations of Reading Test throughout this course. Clinical experience required.

Course fee
Prerequisites: EDU 349 and formal admission to the Education Program.

EDU 360 - Instructional Strategies of Early Childhood Education

3 Credits This course examines positive strategies to guide children's behavior in the ECE setting. Course competencies include integrating strategies that support diversity and anti-bias perspectives, analyzing factors that

affect the behavior of children, developing guidance strategies to meet individual needs, and creating a guidance philosophy.

EDU 361 - Fostering Creativity in Young Children

2 Credits This course focuses on curriculum development in the content areas of art, music, and language arts. Course competencies include strategies supporting the critical role of play; establishing a developmentally appropriate environment for art, music, and language arts; and creating developmentally appropriate language, literature, literacy, art, music, and movement activities.

EDU 363 - Home/School/Community Collaboration

2 Credits This course examines the role of collaborations with family and community in ECE. Course competencies include implementing strategies that support diversity and anti-bias perspectives when working with families and community; analyzing contemporary family patterns, trends, and relationships; utilizing effective communication strategies; and advocating for children and families.

EDU 364 - Early Language and Literacy Development

2 Credits This course focuses on infant and toddler development as it applies to an ECE setting. Course competencies include analyzing development of infants and toddlers; correlating prenatal conditions with development; analyzing the role of heredity and the environment; and examining the role of brain development in early learning.
Prerequisites: Formal admission to the education program

EDU 365 - Early Childhood Program Models

3 Credits This course focuses on the ECE profession. Course competencies include investigating the history of ECE, summarizing types of ECE settings; exploring ECE curriculum models, analyzing the principles of the WI Model Early Learning Standards, applying laws and regulations related to an ECE facility, and advocating for the ECE profession.

EDU 366 - Curriculum Design in Early Childhood Education

2 Credits This course examines the components of curriculum planning in ECE. Course competencies include integrating Developmentally Appropriate Practice (DAP) into curriculum, developing curriculum plans that promote child development and learning across all content areas, focusing on beginning level curriculum development in the specific content areas of math, science and social studies.
Prerequisites: Formal admission to the education department

EDU 370 - Social Studies Teaching Methods

3 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 experience required.
Prerequisites: Formal admission to the education program

EDU 376 - Strategies for Teaching Diverse Learners

3 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. Course meets statutory requirements for MC-EA and EA-A (elementary/middle and secondary) education licensure. Clinical experience required.
Prerequisites: Formal admission to the education program

EDU 377 - Mathematics Teaching Methods

3 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 448 - Student Teaching Seminar

2 Credits Teacher candidates use this seminar course to reflect upon student teaching experiences, learn about and prepare for the hiring and licensure process, and develop a portfolio of evidence to demonstrate proficiency toward teaching standards.
Corequisites: EDU 460 and EDU 471

EDU 460 - Student Teaching - Secondary

6 - 12 Credits Students teach full days for a full semester in grades 7 through 12 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.
Prerequisites: Formal admission to the education program

EDU 471 - Student Teaching - Elementary

6 - 12 Credits Students teach full days for a full semester in grades 1 through 8 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.
Prerequisites: Formal admission to the education program

EDU 472 - Student Teaching in Minor

0 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.
Prerequisites: Concurrent enrollment in EDU 471 or EDU 460 and formal admission to the education program

EDU 479 - Student Teaching Continuation

1 Credits This is a continuation of the winter semester of student teaching.
Prerequisites: EDU 460 or EDU 471

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.
Prerequisites: Writing assessment score which indicates a need for this course.

ENG 111 - Living with Nature: Writing and Inquiry

3 Credits In this writing-intensive course, students study through literature how humans interact with the natural world, focusing particularly on adaptation and integration. Students develop reading, writing, and speaking skills including elements of composition focusing on the writing of the personal essay, analytical essay, and a research paper. This course includes several outdoor excursions over the course of the term.
Course Fee
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above.

ENG 126 - Confluences: Reading and Writing in the Lake Superior Watershed

3 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.
Corequisites: BIO 128, GSC 112, IDS 120, and NAS 160.

ENG 140 - Food for Thought

4 Credits

Food for Thought is a literature course that uses stories, essays, and poetry to allow students to explore varied current and historical perceptions regarding the consumption of food, those who work to provide it, and how cultural, political and economic attitudes and policies influence what and how we eat. The focus of student work in this course is on written and spoken expressions of the role food and agriculture have played, and will play, in human life. The course includes field trips, guest speakers, and other projects.

Course Fee

ENG 209 - The Story and the Stone

4 Credits The processes shaping our Earth convey a narrative rich with revolutions of subtle upheaval and moments of catastrophic change. These stories have been conveyed by numerous storytellers and various forms. In this course, students approach the science of geology from a narrative perspective, studying the ways that earth's functioning is described and appreciated through works of non-fiction, fiction, poetry, and Indigenous interpretation. This course can be taken as either ENG 209 or GSC 209.
Course fee.

ENG 211 - Humanity and 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.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above

ENG 213 - Literature of the Western Worlds

3 Credits Students study seminal Western Literature texts from the Antiquity to the Renaissance (Homer, Ovid, medieval Courtly Love, Dante, the Renaissance humanists , Machiavelli)
Prerequisites: ENG 110 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.
Prerequisites: ENG 110or 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.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above

ENG 225 - Major American Authors

3 Credits An introduction to the study of literature, in this course students study five to seven major American authors from the 19th and 20th centuries, reading representative texts by each author and learning about their contributions to American literature and our understanding of the human experience.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above.

ENG 230 - Literature and Medicine

3 Credits Students explore the relationship between literature, narrative, and medicine through a close and thoughtful reading of novels, short stories, memoirs, poetry, and drama. Topics of discussion may include issues related to disease, long-term illness, health and healing, trauma, and the doctor/patient relationship.

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.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above

ENG 234 - Dystopias: Ecology & Gender in SciFi

4 Credits Focused on the themes of women, gender, and environmental & societal collapse, this course explores through science fiction (novels and short stories) the different literary dystopias of possible futures. Selected movies are viewed in conjunction with the literature of the course.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above

ENG 235 - Monsters, Modern and Postmodern

3 Credits Students focus on how horror narratives reify, challenge, and critique cultural narratives revolving around monsters (supernatural, human, "real" and abstract) since the late 1950s. Through the reading and viewing of a variety of texts in fiction and film, students examine how the horror genre gives expression to (oftentimes contradictory) anxieties, fears, hopes, and beliefs animating contemporary culture.

ENG 240 - Pens and 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

ENG 241 - CLIFI: Climate Fiction

3 Credits This course will explore CLIFI: the emerging field of the literature of climate change. Through fiction (short stories) and futuristic scenarios (novels), the various forms and impacts of climate change will be examined (the physical environment, the human communities, and the lives of individual characters).
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above.

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.
Prerequisites: ENG 110 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.
Prerequisites: ENG 110 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.
Prerequisites: Any 100- or 200-level ENG course.

ENG 332 - Major American Authors II

3 Credits In this advanced study of literature, students read five to seven major American authors from the 19th and 20th centuries. In addition to reading representative texts by each author, students are responsible for identifying and

engaging with published literary criticism of the texts as well as for developing and presenting their own critical analyses of texts.
Prerequisites: Prerequisites: any 200 level ENG course and junior standing.

ENG 372 - Nature & Gender in Lat Am Lit

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 issues: historical, political, psychological, and social -- especially with regard to women and gender.
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.
Prerequisites: ENG 110or 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.
Prerequisites: Any ENG Course

ENG 387 - The English Language

4 Credits Students study the origins and development of the English language and issues in contemporary linguistics.
Prerequisites: Junior standing or instructor consent.

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.

Prerequisites: ENG 110 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.
Prerequisites: ENG 110 or Writing Assessment Score of 3 or above

ENG 489 - English 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

Food Sovereignty and Environmental Justice

FSS 101 - Vegetable Farming and Gardening

1 Credits Students acquire a general overview of vegetable farming and study a wide range of topics starting with the basics of site preparation and going through plant life cycles from germination, growth, pest and disease management, through to harvest, and sales. Students will participate in a mixture of lecture and hands-on activities including a farm visit. Class will be composed of five 3 hour classes
Course Fee

FSS 104 - Greenhouse and Hoophouse

1 Credits Students develop basic skills in managing greenhouses and hoophouses including design, fertility management, crop planning, pest and disease control, and methods of starting plants. The course consists of five 3 hour classes including a visit to a farm for a tour and hands-on activities.

FSS 132 - Food Preparation and Preservation

3 Credits Students investigate the subtleties of cooking with local ingredients including grass fed beef, local eggs, and fresh picked fruits and vegetables while learning techniques such as seasoning, braising, barbequing, and baking. They also learn preservation methods including freezing, pickling, drying, fermentation, and canning. Priority registration is given to students who have declared the Sustainable Agriculture minor.
Course Fee

FSS 243 - Sustainable Agriculture Practicum

4 Credits In this field course, students gain hands-on experience in sustainable agriculture either by working on selected farms or by assisting organizations working on food or agricultural policy issues. Students have the opportunity to work in-depth with one farm or organization for the semester, or gain a broad experience with several farms and organizations over the semester. Course is repeatable once for credit.
Course Fee

FSS 334 - Sustainable Food Production

4 Credits Students explore what comprises a "sustainable" farm enterprise within an environmentally conscious, business management context. The students engage in active observation and hands-on learning through community partnerships and campus gardens. The course covers many aspects of meat, fruit, and vegetable production techniques within both scale-appropriate and ecosystem based models.
Course Fee.
Prerequisites: FSS 243 and sophomore standing.

Geographic Information Systems

GIS 201 - Introduction to Geographic Information 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 software.

GIS 260 - Global Positioning Systems

1 Credits Students learn how the GPS satellite system works, accomplish GPS data collection using Trimple GPS receivers, and integrate GPS data into GIS projects.
Prerequisites: GIS 201

GIS 301 - Intermediate GIS Applications

4 Credits Building on knowledge and skills learned in GIS 201, students continue to use ArcGIS to create and analyze data through numerous computer activities. ArcGIS extensions will be introduced and students will learn to apply GIS project methodology to complete a specific GIS project.
Prerequisites: GIS 201

GIS 315 - Geodatabases

3 Credits Students study the elements and behaviors of spatial data within the geodatabase data model and apply their knowledge by building a relevant GIS geodatabase for a project.
Prerequisites: GIS 201

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.
Prerequisites: GIS 201 and Sophomore standing

GIS 401 - Advanced GIS Applications

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.
Prerequisites: GIS 201 and GIS 301

Geoscience

GSC 107 - Geology and 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

GSC 112 - Geoscience Issues of Lake Superior

3 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
Corequisites: BIO 128, ENG 126, IDS 120, and NAS 160.

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

GSC 209 - The Story and the Stone

4 Credits The processes shaping our Earth convey a narrative rich with revolutions of subtle upheaval and moments of catastrophic change. These stories have been conveyed by numerous storytellers and various forms. In this course, students approach the science of geology from a narrative perspective, studying the ways that earth's functioning is described and appreciated through works of non-fiction, fiction, poetry, and Indigenous interpretation. This course can be taken as either ENG 209 or GSC 209.
Course fee.

GSC 222 - Sediments and 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
Prerequisites: GSC 107, GSC 112, or GSC 120

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
Prerequisites: GSC 107, GSC 112, or GSC 120

GSC 240 - Natural Hazards

4 Credits Students study the Earth's surface processes and how they influence human activities. Topics may include earthquakes, tsunamis, volcanoes, floods, subsidence, mass wasting, coastal hazards, hurricanes, tornadoes, wildfires, and bolides.
Prerequisites: GSC 120

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
Prerequisites: GSC 107, GSC 112, or GSC 120

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.

GSC 264 - Water Resources and Policy

3 Credits Students explore the management of water resources and policy in the United States, from the local to national level. The field of water resources and policy is inherently interdisciplinary and students analyze issues from legal, social, economic, and ecological perspective. The course enhances critical thinking and science communication skills through readings, involved discussions, independent research, and a team-based investigation of a local water issue.
Prerequisites: Sophomore standing

GSC 284 - On the Trail of the Ice Age

4 Credits The geology of Wisconsin tells a story of a drastically different climatic past. Throughout this course, students explore the development and demise of former ice sheets, their impact on the modern landscape, and the climate conditions that made it possible. This course provides an introduction to the geological context of the Ice Age National Scenic Trail as a useful pathway for exploring past climates and an avenue for scientific outreach. This course includes travel to many locations along the Ice Age Trail and will require moderate hiking as well as overnight field trips and camping.
Course Fee
Prerequisites: GSC 107, GSC 112 or GSC 120

GSC 285 - Techniques in Freshwater Science

4 Credits This skills-based, field-intensive course trains students in a variety of methods to investigate freshwater ecosystems, from headwaters streams to Lake Superior. Students collect data using advanced techniques in freshwater science, investigate patterns in these measurements in the context of decade-long data sets, and translate their research to broader audiences. Students interact with a diverse set of water professionals in the field, lab, and classroom.
Course Fee
Prerequisites: BIO 234 or GSC 120 and sophomore standing

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 312 - Paleoclimate: Past as Prologue

4 Credits The scientific study of modern and future climate change is rooted in the geologic past. In this course, students study the record of past climate changes across a variety of timescales, the use of proxy data and general circulation models (GCMs) as tools of inquiry, and the geologic context for which modern climate change can be

attributed to human activities
Course fee
Prerequisites: GSC 107, GSC 112, GSC 120,CLM 125, or CLM 244

GSC 320 - Geomorphology

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 and Rocks

4 Credits In this course students study the composition and occurrence of the common minerals and rocks that 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 107, GSC 112, or GSC 120

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 107, GSC 112, or GSC 120

GSC 406 - Aqueous Environmental 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 107, GSC 112, or GSC 120

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 107, GSC 112, or GSC 120

GSC 481 - Geologic Field Methods

1 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 or in the Great Lakes region. Students learn the geologic history of the area they will be studying at geology field camp the following semester.

Course Fee.
Prerequisites: GSC 474

GSC 482 - Wyoming Geology 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
Prerequisites: GSC 222, GSC 320, GSC 321, GSC 474, and GSC 481

GSC 483 - Great Lakes Geology Field Camp

4 Credits In this field-intensive course students learn how to navigate in the wilderness, study geologic features in the field, document the nature of landforms and geologic materials, then interpret the history and significance of those geologic features. They will also gain practice in representing geologic features on maps, cross sections, steronets, and in geologic reports. The course involves rigorous field work and camping in all types of weather.
Course fee.
Prerequisites: GSC 222, GSC 320, GSC 321, GSC 474, and GSC 481.

GSC 488 - Geoscience Senior Honors 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 major in Water Science or Geology, GPA of 3.0 or higher, at least junior standing.

GSC 489 - Geoscience Senior Honors Thesis

2 Credits The Geoscience Senior Honors Thesis provides students the opportunity to apply their knowledge to an original research project. The research topic is chosen by students and completed in collaboration with a faculty mentor.
Prerequisites: GSC 488 and GPA of 3.0 or higher.

GSC 498 - Senior Seminar in Geoscience

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: Water Science or Geology major and junior or senior standing.

Gender and Women's Studies

GWS 265 - Introduction to Gender and 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.

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.

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

GWS 343 - Queer Ecologies

3 Credits Queer Ecologies explores queer, feminist, environmentalist cultural theories that illuminate and interrogate historical and current intersections between sexualities, politics, and environments. This course asks, what do queer and feminist theories of gender, identity, power, and desire contribute to environmentalism, and likewise, how might environmentalist theories of nature and environment enrich queer and gender theory, politics, and activism?
Prerequisites: Any GWS course or HIS 209, HIS 260, SOC 234, SOC 236, SOC 240, SOC 242

History

HIS 101 - United States History to 1865

3 Credits Students examine major social, political, and economic developments in United States 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.

HIS 102 - United States History since 1865

3 Credits Students examine United States political, economic, and social developments from Reconstruction to the present. They focus especially on the evolution of cities, industrial capitalism, immigration, and ethnic and women's rights in the designated time frame.

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.

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, the Cold War and contemporary world trade, culture and politics.

HIS 209 - Gender in the United States Landscape

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

HIS 215 - Black Natures

3 Credits Students examine environmental topics through the lens of the Black experience throughout U.S. history from the 17th century to the present day. Students read great works by African American authors focused on the concept of nature. Students encounter a wide range of Black experiences with "wild" nature, as well as through the labor and practice of slavery, sharecropping, farming, and gardening.

HIS 221 - History of Medieval Europe

3 Credits A history of the beginnings and development of Western European civilization from the later Roman Empire 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.

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.

HIS 242 - European Environmental History

3 Credits Students study the major climatic changes in Europe in the last 2000 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.

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.

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 20th century. Topics include European and American colonialism, Zionism and Arab Nationalism, the Iranian Revolution, the Persian Gulf Wars, the Israeli-Palestinian conflict, and the Arab Spring.

HIS 266 - American Material Culture/Objects in Everyday Life and 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, cemeteries, museums, architecture, clothing, and vernacular art.

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.

HIS 315 - American Foodways

3 Credits Students examine various key sites and moments of agricultural production throughout United States history. Students study land law, as well as institutions of slavery, sharecropping, seed patenting, and spaces such as the plantation, farm, and botanical garden. Students examine various implements, including the fence, plow, as well as crate labels.
Prerequisites: Sophomore Status

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.
Prerequisites: Any HIS course

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.
Prerequisites: Any HIS course

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

3 Credits This course examines the intersection of nature and nation-building in three periods: the early national period, 1950s cowboy culture, and present-day National Parks tourism. 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.
Prerequisites: Junior or Senior standing.

HIS 334 - Ideology in the 20th Century

3 Credits Students will explore the ways that political ideologies have shaped the world since 1900. 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, globalization and the status of ideologies such as liberalism today.
Prerequisites: Any previous HIS course

HIS 357 - Gender in Total War

3 Credits Students examine the transformation of gender roles during World Wars I and 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.
Prerequisites: Any HIS course

Interdisciplinary Studies

IDS 111 - Northland Highways

1 Credits Northland Highways is a college transition-themed first-year seminar course that introduces students to the Northland College mission, acclimates them to the campus community and the northland region, and prepares them for academic, social, and personal success in college. Northland Highways builds on the foundational work of Outdoor Orientation and is part of the broader continuum of transition programming for new students.

IDS 115 - Strategies for Academic Success

1 Credits Students will learn skills to study more effectively and efficiently. Through activities, application, and personal reflection, they will learn to support themselves, personally and academically, to maximize success in their other courses.

IDS 120 - Superior Connections Practicum

3 Credits Field trips and colloquia discussions are central to the Superior Connections program. The trips and colloquia connect the topics of the fall semester Superior Connections courses and thus provide students with opportunities to integrate ideas from different disciplines. These experiences immerse students in observing, thinking, and communicating about their relationship to the land, water, ecosystems, history, and people of the Lake Superior Region.
Course fee.
Corequisites: BIO 128, ENG 126, GSC 112, and NAS 160.

IDS 145 - Mindfulness Science and Practice

3 Credits Students study the science and practice of mindfulness. Students investigate the benefits of Mindfulness Tools through direct experience including: mindfulness meditation, forest bathing, yoga (physical postures and deep relaxation) and somatics. These benefits include (but are not limited to): improved attention span, improved working memory, reduced mind wandering, along with decreases in anxiety and depression.
Course Fee.

IDS 146 - Yoga 1

1 Credits Students learn the basics of yoga or compliment previous yoga experience while improving strength, flexibility, balance, focus and concentration. Students also learn how to relax both mentally and physically.
Course Fee.

IDS 154 - Fake News, Forgeries, and Frauds

3 Credits How do you distinguish illusion from reality? This question lies at the heart of several contemporary issues, whether political accusations of "fake news" or the ethics surrounding reality-altering technologies. In this course, students explore historical debates over forgeries, fake identities, and fraudulent artifacts in order to develop skills in media analysis and interpretation that are increasingly useful for navigating today's ever-more-complex media landscape.

IDS 160 - Wood as a Resource: Boat Building

3 Credits Students study wood use as a resource/building material that was/is foundational to human history and to modern sustainability concerns This course provides students with a regional experience of a localized forest products economy, an experience in timber falling-milling-lumber production, an overview of the diversity of species-properties and uses of wood, a hands on experience of building a wooden boat, and an experience paddling the craft on our local waters. The course is offsite at a boat building shop in Washburn (transportation is provided).
Course Fee.

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.
Prerequisites: Superior Connections 4-course block

IDS 201 - Data Literacy

4 Credits Students learn about the general characteristics of the scientific method and how to interpret and communicate data. Topics include: epistemology, what is research, general distinctions between qualitative and quantitative methods, and how to develop good research questions. Lecture, demonstration, and experiments will be used to explore these topics.

IDS 245 - Mindfulness Meditation I

1 Credits Students learn mindfulness meditation techniques along with two compassion practices.
Course Fee.
Prerequisites: IDS 145

IDS 248 - Great Lakes Water Wars

3 Credits This course delves into the history of political maneuvers and water diversion schemes that have proposed sending Great Lakes water everywhere from Akron to Arizona. Using a case study approach that examines these various water projects—past, present and proposed—the course culminates with a focus on the Great Lakes Compact, a legal document designed to keep Great Lakes water inside the Great Lakes Basin.

IDS 280 - Japanese Religions & Culture

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.

IDS 281 - Spring in Italy

4 Credits Students study the great artistic, architectural, and intellectual achievements of Ancient, Medieval and Renaissance Italy as they travel in the heart of Tuscany and Umbria. While absorbing all this cultural history, students will focus on drawing the beautiful urban and rural vistas on offer. Students will begin and end their travels in Florence, with trips to several surrounding towns in between.
Course Fee.

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 the history and culture of Honduras, Nicaragua, and Costa Rica; the challenges of conservation and development facing this region; and the language of the region. Students participate in several homestay experiences, visit cultural and historical sites, and engage in discussions, lectures, and reflective writing.
Prerequisites: Admittance to CELL Program

IDS 285 - Iceland Culture, History, and 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.
Prerequisites: Admittance to CELL Program

IDS 286 - Ecology, Humans, & Sustainability

3 Credits This course is part of a Center for Ecological Living and Learning (CELL) program and is only available to students enrolled in the program. Students in the course explore the magnificent, intricate, and interconnected systems that support and sustain life on Earth, while also examining often unexamined worldviews that influence decisions that individuals and communities make about how they live. Grounded partly in their experience of living at the Findhorn Eco-Village, students conclude the course by developing a leadership action plan for promoting sustainable living on their campuses or home communities.
Prerequisites: Admission to CELL program

IDS 315 - Comparative Race Studies

3 Credits Students read history, literature, and critical theory to study connections between indigenous peoples and people of color. Students learn how systems of power, including white supremacy and settler colonialism, define who belongs in the United States. Students examine a range of issues such as indigenous sovereignty; slavery; removal; the Civil War; and debates about borders, immigration and citizenship.
Prerequisites: Any NAS course or Junior standing.

IDS 373 - Humans and 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.
Prerequisites: Admittance to the Round River Program

IDS 480 - Senior Seminar

4 Credits In this humanities-focused research and methods capstone seminar, students focus on skill-building and assignments that culminate in the completion of a lengthy (20-plus page) research paper. Students are encouraged to explore materials from any time period, on any topic relevant to their major. This seminar serves students in English, Humanities, Humanity & Nature Studies, History, Gender & Women's Studies, Native American Studies, and Religion. In the spirit of interdisciplinarity, students become familiar with one another's research and writing, regardless of discipline.
Prerequisites: Senior standing and one of the following: ENG 384, GWS 331, GWS 343, HIS 315 , HIS 320 , HIS 325, NAS 315, NAS 340, NAS 342, NAS 362 ,NAS 380, REL 315, or REL 331.

Modern Languages

MLG 105 - Elementary Spanish I

4 Credits Students develop a working knowledge of modern Spanish, allowing them to speak, write, and understand the language as it is used today. Classes are taught in Spanish and consist of dialogue practice, presentation of grammatical forms, and intensive language drills. Regular attendance and steady, incremental work is essential for success in the class. Out-of-class support is provided by the instructor and a tutor. Texts for the course are carefully selected and include workbooks for drills and practice, as well as a strong focus on the different cultures of the Spanish-speaking world. 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 further develop a working knowledge of modern Spanish, allowing them to speak, write, and understand the language as it is used today. Classes are taught in Spanish and consist of dialogue practice, presentation of grammatical forms, and intensive language drills. Regular attendance and steady, incremental work is essential for success in the class. Out-of-class support is provided by the instructor and a tutor. Texts for the course are carefully selected and include workbooks for drills and practice, as well as a strong focus on the different cultures of the Spanish-speaking world. Students develop conversational skills. Advanced Placement and CLEP credit accepted for MLG 106.
Prerequisites: MLG 105, Advanced Placement or CLEP credit

MLG 205 - Intermediate Spanish I

4 Credits This course continues to build a solid grammatical foundation and to reinforce the four basic skills —listening, speaking, reading, and writing— while giving more opportunities for conversation, so students can use the language freely and spontaneously. Culture is amplified with the class study of a movie script and viewing of the film, as well as various presentations on Latin America and Spain. Advanced Placement and CLEP credit accepted for MLG 205.
Prerequisites: MLG 106

MLG 206 - Intermediate Spanish II

4 Credits This course represents a mix of advanced grammar and conversation as well as an Introduction to literature. Students read short stories from renowned authors: those are analyzed and discussed in class and students write position/reaction papers on the topic of their choice. There are "windows" into other cultures through documentaries and films. Advanced Placement and CLEP credit accepted for MLG 206.
Prerequisites: MLG 205

Mathematics

MTH 103 - Algebraic Reasoning

3 Credits Students learn algebraic techniques for working with linear and quadratic equations, polynomials, and expressions involving exponents and radicals. Specific topics include graphing and constructing equations of lines, solving systems of equations, simplifying and factoring polynomials, simplifying radical expressions, and solving quadratic equations. Emphasis is placed on mathematical reasoning, understanding, and skill development.

MTH 106 - Environmental Mathematics

4 Credits Students explore environmental issues using the mathematics of functions and basic statistics. Techniques for working with linear and quadratic equations, polynomials, and expressions involving exponents and radicals are reviewed to cultivate students' mathematical prowess. Specific topics include explorations of measurements and units; graphs and equations of lines and quadratics; solutions to systems of equations; polynomials and radical expressions; ratios and percentages; tabular and graphical displays of data; linear, exponential, and power functions; difference equations; and statistical descriptions of data. Emphasis is placed on mathematical reasoning, skill development and problem solving in environmental contexts.

MTH 107 - Statistical Concepts and 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 sample 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.
Prerequisites: MTH 106 or Math Assessment Score of 3 or higher or sophomore status or higher with a Math Assessment Score of 2

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 and elements of coordinate geometry.
Prerequisites: MTH 106 or Math Assessment Score of 3 or higher or sophomore status or higher with a Math Assessment Score of 2.

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.
Prerequisites: MTH 109 or Math Assessment Score of 4.

MTH 141 - Calculus II

4 Credits In this course students develop a deeper understanding of calculus and its applications. 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.
Prerequisites: MTH 140

MTH 207 - Biostatistical Modeling

4 Credits Students learn to explore more advanced questions about data and populations through the application of statistical models and inferential statistics. Specific topics include linear models of one- and two-way ANOVA with multiple comparisons and transformations, linear regression with 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.
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 and Its Applications

3 Credits Students learn combinatorial analysis, axioms of probability, conditional probability, discrete, continuous and jointly distributed random variables, moment generating functions and limit theorems. Students apply theoretical concepts to inferential statistics, Bayes' Theorem, and Markov chains.
Prerequisites: MTH 141 or Instructor Consent

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 320 - Introduction to Complex Variables

4 Credits Students investigate the complex number system, analytic functions, Taylor and Laurent series, integration, residues and poles, conformal mapping and applications to biological-physical science.
Prerequisites: MTH 140 and 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 introductory projective geometry.
Prerequisites: MTH 141 or Instructor Consent

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 or Instructor Consent

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 or Instructor Consent

MTH 340 - Statistical Data Science

4 Credits This course is an introduction to computing for data analysis, visualization, and simulation, using a high-level language (e.g., R). Students use data-driven programming for the handling, formatting, and visualization of messy and complex data. Students implement the grammar of graphics process in visualizing complex data including spatial, temporal, and textual data.
Prerequisites: MTH 107

MTH 380 - Methods of Applied Mathematics

3 Credits Students learn selected topics from applied mathematics that may include numerical methods, iterative solution of equations, curve fitting and interpolation techniques, numerical differentiation and integration, Fourier series, and transform methods. Additional topics will reflect particular interests of student and faculty.
Prerequisites: MTH 141

MTH 470 - Advanced Topics in Mathematics

4 Credits Students learn methods of rigorous proofs in analysis and algebra. Topics from analysis include sequences and series, continuous functions on metric spaces, derivatives, basic point set topology and properties of Riemann integrals. Topics from modern algebra include groups, rings, and fields. Real Analysis/Modern Algebra offered in alternate years.
Prerequisites: MTH 141 or Instructor Consent

MTH 496 - Mathematics Senior Capstone Seminar

1 - 4 Credits Students select, conduct, and complete a research project. The focus of the seminar reflects particular competencies of faculty and specific interests of students. Strongly recommended for all senior mathematics majors.

Music

MUS 131 - Symphonic Band

0 - 1 Credits In this Northland College and community concert band, participants study traditional and contemporary band literature and participate in 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.
Course Fee.

MUS 141 - Northland College Choir

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 without audition and is repeatable for credit.
Course Fee.

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.
Course Fee.

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.
Course Fee.

MUS 171 - Chamber Choir

0 - 1 Credits The 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 *a cappella* music from the Renaissance to the present. Students perform regular concerts and are involved in musical outreach in the community. Open by audition. Concurrent membership in the Northland College Choir is encouraged, but not required. 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.
Prerequisites: Student must provide own guitar.

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 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.

Native American Studies

NAS 100 - Introduction to Native American Studies

3 Credits This course gives students an overview of the historic and contemporary experiences of Native American peoples in North America. Topics will include: Native identity, labor, politics, philosophy, religion, literature, arts, representation, law and ethics, social justice, and language preservation.
Course Fee

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.
Course Fee.

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.
Prerequisites: NAS 121

NAS 160 - Lake Superior Ojibwe

3 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-contact time to the present and develop an understanding of and appreciation for the history, culture, and traditional teachings of the indigenous people of the Lake Superior Watershed.
Corequisites: BIO 128, ENG 126, GSC 112, and IDS 120

NAS 211 - Native American History and Experience

3 Credits

This course explores the diverse histories of Native communities from pre-contact to the present with a focus on communities from this region. Topics include traditional societies prior to European contact, the complex interactions after contact, the growing impact of colonialism on Native peoples, survival and resistance, treaties and Indian removal, Federal Indian policies, Native people in 20th century wars, Red Power activism, Indian self-determination, and the relationship between historical and contemporary issues in Native communities.

Course Fee.

NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues

3 Credits This course focuses on the cultures and histories of Wisconsin Native peoples and communities from pre-contact to the present. Topics include their relations to one another, their complex interactions and responses to European contact, the impact of European and American colonialism, and Native survival and resistance. Students gain insight and understanding of Native peoples of Wisconsin and the relationship between historical and contemporary issues in their communities.

NAS 216 - Indigenous Representations

3 Credits Students are introduced to the historic and contemporary portrayals of Native and Indigenous peoples and cultures through a variety of popular media. This course emphasizes the critical examination of stereotypes and the ways in which Native and Indigenous peoples have reclaimed their cultural identities through various self-representation strategies aimed at resisting persistent negative depictions and empowering their communities.
Course Fee

NAS 227 - Native Foodways

3 Credits Students in this course explore issues in Indigenous foodways, from harvest to table, in a variety of social and cultural contexts. The course surveys how food is creatively used to shape community and identity, to transmit social values, and to mark special and ordinary time. Topics include treaty and harvesting rights, food sovereignty, gender and food production, indigenous land-use traditions and ecological worldview.

Course Fee

NAS 229 - Field Based Indigenous Food Sovereignty

3 Credits This course challenges student understanding of food and food systems, prompting reflection on their relationships with the environment and what is commonly referred to as "food." Students study Tribal Food Sovereignty by exploring how local tribes meet needs in their communities while also considering contemporary issues such as climate change, environmental justice, and the impact of environmental degradation on tribal foodways and lifeways.
Course Fee

NAS 231 - Native American Arts and Cultures

3 Credits Working mostly with locally harvested natural materials, students will explore the world of weaving and handwork as it related to early peoples of North America. While emphasis will be placed on working with Black Ash splint to weave a variety of styles of baskets, other projects such as porcupine quill work, birch work, and beadwork are possible, and will depend upon the students. Through handwork, students will have a better understanding of thought processes, Indigenous lifeways, and traditional teachings.
Course Fee.

NAS 236 - Indigenous Film and Media

3 Credits Students develop their knowledge of Indigenous film and new media by discussing and interpreting a variety of films, documentaries, graphic narratives, and new media. Drawing on foundational concepts in film and media studies, and surveying the history of global Indigenous cinema and media, students study how power, orientalism, and issues of self-representation have developed and changed in cinema and new media.

NAS 241 - Indigenous Museum Studies

3 Credits In this service-learning course, students work with Northland's Indigenous Cultures Center and Native American Museum to create a project based on student conducted ethnographic fieldwork in a regional Native American community. Students learn about contemporary museology, about decolonizing representations of Indigenous people in museums, and about how to curate fieldwork into a final digital or physical exhibition for a public audience.

Course Fee

NAS 260 - Indigenous Environmental Justice

3 Credits Students study how environmental resource use affects Indigenous communities in order to better understand the concept of environmental justice and strategies for enacting it. Connecting contemporary environmental issues to legacies of colonialism and considering diverse cultural perceptions of land, students will be better equipped to advocate for equitable uses of the environment that promote the wellbeing of Indigenous communities.

NAS 265 - Indigenous Perceptions of Water

3 Credits Students study Indigenous teachings about water and how this knowledge pertains to efforts to protect and sustain watersheds. Comparing local knowledge and advocacy—for example, Anishinaabe Water Keepers—with Indigenous perspectives on water elsewhere in the world, students enrich their understanding of how culture informs water policies and management. Visits with guest speakers and trips to local waterways will complement course topics and readings.
Course Fee

NAS 283 - American Indian Literature

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

NAS 306 - Global Indigenous Politics

3 Credits This course explores common themes of Indigenous political activity such as sovereignty, social movements, and sustainable development. Students examine both the global indigenous social movement as a political force of alliance, and some locally-situated movements in different parts of the world.
Course Fee
Prerequisites: Any NAS course or junior standing

NAS 315 - American Indian Environmental Perspectives

3 Credits Students consult a range of texts and scholarship by Native American authors to consider what constitutes an environmental perspective and how such perspectives inform social movements, policy, and research. Class discussion and assignments lead students to examine historical and contemporary perspectives and their bearing on major concepts and topics within environmental studies.
Prerequisites: Any NAS course or junior standing

NAS 340 - Indigenous Gender Studies

3 Credits Studying a range of gender and sexuality issues within Indigenous contexts, students analyze how gender and sexuality inform larger historical contexts, especially colonization and decolonization. Students consider how political, cultural, and historical factors influence these aspects of Indigenous identities by exploring both scholarship and creative works. Topics include Indigenous feminisms, kinship, and Two-Spirit identities.

Prerequisites: Any NAS or GWS course or junior standing

NAS 342 - Gender in Indigenous Borderlands

3 Credits Students investigate a variety of historical and contemporary perspectives on gender and sexuality in indigenous North American borderlands in the United States, Canada and Mexico. This course looks at the multiple definitions of "borderlands" and "borders", while examining both the development of present-day North American borders and the changing role of borders in politics from the 19th to 21st centuries.
Prerequisites: Any NAS course or junior standing

NAS 362 - Native Women's Activism

3 Credits Students study key moments of Native women's activism in North America and learn to understand these moments as part of a broader pattern of responses in resistance to settler colonialism. Students investigate the ways individual Native women asserted their own vision of indigenous feminism through activism, from the 18th century to 21st century movements, including Idle No More and Standing Rock.
Course fee.
Prerequisites: Any NAS course or junior standing

NAS 380 - Indigenous Women Writers

3 Credits Students study a variety of texts by Indigenous women writers (including fiction, poetry, creative nonfiction, and drama), examining both the literary accomplishments of these writers and how they represent issues pertaining to gender and Indigenous identity. Students familiarize themselves with prominent writers as well as emerging voices, developing interpretations of literary texts using concepts from literary theory and Native American and Indigenous studies.
Prerequisites: Any NAS course or junior standing

Natural Resources

NRS 101 - Fur-Bearer Ecology and 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 use, 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 103 - Wolf Ecology & Conservation

1 Credits Working with educators from Northland College, the Timber Wolf Alliance, the Wisconsin Department of Natural Resources, and other wolf biologists, students are introduced to the history, biology, ecology, monitoring methods, management, and research of wolves in Wisconsin and the Midwest. Students also explore common myths of wolves and discuss the future of wolf conservation. Through hands-on exercises, students learn the basics of wolf monitoring, such as howl surveys and radio telemetry. When offered in the fall session, this class meets one time during the semester on a Friday, Saturday, and Sunday and also requires an additional night for an independent howl survey.
Course Fee

NRS 105 - Seed Biology & Use in Restoration

1 Credits Students study the biology of seeds and reproductive biology of common native species used in native pollinator gardens and in restoration projects, and they discuss the rising need for seeds to meet society's needs in ecosystem restoration and in plant conservation. Students visit field sites to learn about ethical and proper seed collection methods, they clean and curate seed collections for seed banking, they learn about seed quality and viability testing, they apply appropriate stratification methods to increase germination success of native plants, and they discuss seed provenances and genetics considerations in native plant restorations. The course capacity is limited and restricted to students majoring in Natural Resources or Biology, minoring in Sustainable Agriculture, or by Instructor Consent. The course meets once a week for 8 weeks September-October, including one Saturday morning.
Course Fee

NRS 107 - Native Plant Propagation

1 Credits Students study how native plants are propagated and used in native plantings and restoration projects, with an emphasis on common pollinator species. Students study and apply their knowledge of seed biology and seedling requirements to germinate and grow native plants in the greenhouse, including fern and woodland plant propagation when feasible. Students will be able to explain the ecology and habitat-needs of species we work with in the course. The course capacity is limited and restricted to students majoring in Natural Resources or Biology, minoring in Sustainable Agriculture, or by instructor consent.
Course Fee

NRS 108 - Chainsaw Safety and Certification

1 Credits Students learn to safely operate a chainsaw according to US Forest Service operation rules. Students are eligible to complete a certification field day to earn the first step of S-212 – Wildfire Chainsaws, and work their way toward becoming a Faller Class A. Students are required to attend 2 evening sessions, and 1 full day Saturday session in the field. Typically this class occurs in Mid April. Course content includes: required safety equipment (PPE), safe saw handling and work positioning, minimizing risks, basic operation, advanced bucking and limbing, basic felling

theory, advanced felling techniques, saw maintenance.
Course Fee.
Prerequisites: Instructor consent required.

NRS 113 - Wildlife Habitat Assessment Skills

1 Credits In this field based course, students learn resource needs and habitat associations for 3 managed game species (white-tailed deer, eastern turkey, and ruffed grouse), and use online mapping and remote sensing products to locate forest type/age and landscape features for possible habitat locations. Students plan excursions to explore sites on public land to observe habitat use and wildlife sign. Basic navigation skills and winter overland travel skills will also be covered; ability to navigate through the woods on snowshoes is required. This course will meet for 2 hrs weekly for 4 weeks plus one 8 hour field day on a weekend.
Course Fee

NRS 117 - Vegetation Management Skills

1 Credits In this field/hands on course, students learn techniques to effectively and safely use and maintain handsaws, axes/mauls, chainsaws, brush saws, and herbicides to support vegetation management actions and outdoor access. Students also learn and practice restoration and reforestation planting methods. Students demonstrate these skills as part of ongoing vegetation management actions (woody species reduction/fuel reduction/invasive species removal/ecosystem restoration/access and trail improvement) in support of Northland's sustainable property management. Students are required to work outside, with their hands, and function in challenging outdoor environments. This course meets for 2 hrs weekly for 4 weeks plus two 4 hour half days on two separate weekends.
Course Fee

NRS 120 - GPS, Mapping and Navigation Skills

1 Credits Students practice various spatial skills which are useful for both recreation and professional activities. Students will enhance their spatial proficiency by learning tools and techniques to navigate in remote locations and record spatial information. Topics covered include: basic and advanced compass use, basic surveying and land measurement, overland navigation, map making, GPS use, and collecting and using spatial data. This course will meet for 2 hrs weekly for 4 weeks plus two 4 hour half days on two separate weekends.
Course Fee

NRS 215 - Natural Resources Principles and Policy

3 Credits In this class, students learn the various ways "natural resources" are defined/valued/integrated into modern society, and the role of natural resource professionals in research/monitoring/applications and in conserving our shared resources. Students also learn the history and motivation of natural resource management and the polices that have and continue to shape our shared resources. Themes in this course include: the principles and polices that guide how we manage forests, wildlife, fisheries, the restoration of ecosystems, and the protection of our waters.
Course Fee.
Prerequisites: BIO 106, BIO 115 or BIO 128

NRS 225 - Fisheries and 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.
Prerequisites: Natural Resource major and BIO 234

NRS 261 - Wildlife Handling & Chemical Immobilization

1 Credits Students will be trained in wildlife handling and chemical immobilization of large carnivores (e.g., wolves or cougars). Students will gain hands-on experience chemically immobilizing wildlife, including: determining proper dosages, administering chemicals, and monitoring, handling, and measuring immobilized wildlife. At the completion of this course, students will receive certification. Class occurs over the course of one weekend (Friday-Sunday) during the May term. Travel and sleeping in rustic conditions or camping are required.
Course fee.
Prerequisites: BIO 234 and NRS or BIO major.

NRS 266 - 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 335 - Forest Ecology and Management

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: BIO 234

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.
Prerequisites: BIO 234

NRS 346 - Applied 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.
Prerequisites: Admittance to the Round River Program

NRS 347 - Sustainable Forest Management

4 Credits Students study forest stewardship techniques and certification policies aimed at balancing long-term ecological, economic, and social needs. Students take frequent field trips to observe examples of forests being managed for multiple uses.
Prerequisites: BIO 234

NRS 348 - Wildlife Ecology and Management

4 Credits This course surveys 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 and 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.
Prerequisites: BIO 234

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 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 234

NRS 365 - Conservation of Large Carnivores

3 Credits This interdisciplinary course focuses on the conservation and ecology of large carnivores. Students learn about large carnivore conservation around the world by examining various case-studies of current conservation initiatives and studying the natural histories of the world's large carnivores. Case-studies focus on particular carnivore species and the scientists, conservationists, and local people who strive to balance human livelihoods and carnivore conservation. Topics include: population ecology, human-wildlife conflict, conservation genetics, reintroduction, metapopulations, sociopolitical conflict over carnivore conservation, trophic cascades, conservation planning, poaching, and habitat conservation.
Prerequisites: BIO 234

NRS 370 - Community-Based Natural Resource Management

3 Credits Much of southern Africa has adopted Community-Based Natural Resource Management (CBNRM) approaches to conservation, led and implemented by community organizations, traditional leaders, conservation NGO's, private-sector investors, and government authorities. The goal of CBNRM is for local communities and private landowners to benefit directly from both consumptive and non-consumptive natural resource utilization strategies. This course covers major approaches to CBNRM focusing on evaluating the success of local strategies.
Prerequisites: Admittance to the Round River Program

NRS 425 - Silviculture and Forest Planning

2 Credits Students will work independently through a guided experience where they will interact with a landowner to determine management goals, assess forests conditions on site, match silvicultural methods with stand conditions to meet management goals, and create a forest management plan. Students must be able to travel on their own, and work independently in challenging forest conditions.
Prerequisites: NRS 266 and NRS 335

NRS 464 - Interdisciplinary Ecology of Wolves & Deer

4 Credits Wolves and deer represent two of the most hotly debated wildlife species in the state and region. Using these two focal species, students gain an in-depth and integrated understanding of wildlife ecology and management. Through an interdisciplinary lens, students experience the diversity of cultural values that surround wolves and deer and examine their ecological and social impacts. Students integrate knowledge and skills gained from prior courses to study an aspect of the species ecology through applied research. Students learn about these topics via a diversity of pedagogical approaches, including: lectures, discussions, site visits, field experiences, guest lectures, and applied class research projects. Flexible schedules and out-of-class activities are expected. Students also engage with the activities occurring during Wolf Awareness Week in the third week of October. The class includes at least one mandatory weekend trip.
Course Fee.
Prerequisites: One of the following:NRS 335, NRS 345, NRS 348, NRS 349, BIO 410 and Senior Standing

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.
Prerequisites: One of the following: NRS 335, NRS 345, NRS 348, NRS 349, BIO 410 and Senior Standing

Outdoor Education

OED 106 - Introduction to Sailing

1 Credits Students practice the basic sailor skill set as defined by US Sailing. Students learn rope and knot skills, boat handling, group management, navigation at sea, and use of weather forecasting tools to inform judgment.
Course Fee

OED 107 - Basic Canoeing

1 Credits This course is designed to give beginning canoeists a correct start, the tools to self-critique, and the means to continue to improve. It will emphasize strokes and boat handling skills for flat and moving water, basic rescue techniques, and principles of risk management. Fee. Offered spring and alternate fall terms.
Course Fee

OED 108 - Basic Whitewater Paddling

1 Credits Students develop skills in basic strokes and practice paddling and risk management techniques for flat, moving, and whitewater boating. River practice during the course focuses on up- and down-stream ferries, the eddy turn, the peel out, wave surfing, and basic river rescues.
Course Fee.

OED 109 - Basic Sea Kayaking

1 Credits Preparation for sea kayak expeditioning, basic strokes, rescues, hazards of the Great Lakes, navigation, equipment overview, and transportation will all be covered.
Course Fee

OED 110 - Wilderness Navigation

1 Credits

Students will study a range orienteering and land navigation skills, including map reading, compass use, and map and compass techniques. Participants will run a progression of orienteering courses and learn the basics of orienteering course setting. Fee. Offered Spring and alternate fall terms.

Course Fee

OED 111 - Cross-country Skiing

1 Credits Students study equipment, base preparation, waxing, and winter risk management. Regular tips provide opportunities to develop basic skills in classical and/or skating techniques, depending on snow conditions and student interest.
Course Fee

OED 112 - Telemark & Backcountry Skiing

1 Credits In this introductory course, students learn the Telemark turn and its application in different snow conditions. Students also learn methods for backcountry travel, the basics of risk management in a winter environment, and how to use backcountry equipment in specific situations.
Course Fee

OED 114 - Basic Rock Climbing

1 Credits Students study and practice risk management, belaying, anchor systems and set-ups, rappelling, climbing techniques, knots, and basic rescue. Top rope climbing only.
Course Fee

OED 116 - Backpacking

1 Credits In this introductory backpacking course, students study equipment, clothing, menu planning, basic cooking skills, map and compass navigation, on-trail hiking techniques, risk management, and minimum impact camping. An off-campus trip provides an opportunity to practice basic backpacking skills.
Course Fee

OED 131 - Outward Bound Course

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

OED 144 - Snowshoeing

1 Credits Students study snowshoeing equipment, techniques, and risk management. Weekly trips provide an opportunity to develop skills and a knowledge of natural history in a winter environment.
Course Fee

OED 146 - Intro Ice Climbing

1 Credits In this introductory course, students learn the basics of ice climbing including: crampon use, ice tool technique, ice screw placement, anchor construction, belaying, rappelling, knot tying, and top-rope climbing techniques. As students progress, they practice applying ice climbing techniques on steeper terrain and gain the skills needed to follow and lead ice climbs in a multi-pitch setting.
Course Fee

OED 163 - Basic Outdoor Living Skills

1 Credits Students learn skills, systems, and practices for living safely, comfortably, and as a productive member of a small-group living/learning community in the backcountry for extended periods of time. Course topics include equipment and clothing selection and use; ration planning, packing, and outdoor cooking; low impact camping and travel techniques; and outdoor health and sanitation. Course consists of classroom sessions during the winter semester with a 5-day field experience facilitated over spring break.
Course Fee.

OED 180 - Outdoor Pursuits Leader Training

0-1 Credits This course is required for students who lead SOEI Outdoor Pursuits Outings & Trips for Northland College. Students learn trip planning, effective use of outdoor equipment, minimum-impact techniques, map and compass use, and strategies for teaching backcountry skills. Students also explore personal leadership in an outdoor setting. Graded S/U. Non-repeatable.

OED 181 - Outdoor Pursuits Trip Leader

1 Credits

This academic credit is awarded to student leaders after they successfully lead SOEI Outdoor Pursuits Outings & Trips during one academic semester. Student trip leaders are evaluated on the extent to which they fulfill expectations throughout the planning, implementation, and evaluation phases of their outings or trips. Graded S/U. Repeatable.

Prerequisites: OED 180

OED 214 - Intermediate Rock Climbing

1 Credits Students study and practice additional belay techniques, site management, ascending, climber rescues, equipment care, sport history and lead climbing concepts.
Course Fee
Prerequisites: OED 114

OED 221 - Group Process and 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.

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 one's path on the journey of life.
Course Fee.

OED 228 - Wilderness Writers and Philosophers

3 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.

OED 237 - Woodscraft and Woodland Skills

1 Credits This course introduces students to skills and knowledge useful for living out-of-doors with minimal equipment. Students will learn 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

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.
Course Fee.

OED 261 - Foundations in Environmental Education

3 Credits This course provides a broad survey of environmental education activities and practice from around the world. Coursework 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 262 - Outdoor Leadership

5 Credits As part of the Outdoor Skills Semester, students learn and practice living with, leading, and teaching peers in the context of extended backcountry experiences.
Prerequisites: OED 221 and OED 276
Corequisites: OED 263 and OED 264

OED 263 - Outdoor Living Skills

5 Credits As part of the Outdoor Skills Semester, students learn skills and systems for living comfortably in the backcountry for extended periods of time.
Course Fee
Prerequisites: OED 221 and OED 276
Corequisites: OED 262 and OED 264

OED 264 - Technical Outdoor Skills

5 Credits As part of the Outdoor Skills Semester, students learn and practice a variety of technical skills for outdoor travel and pursuits.
Prerequisites: OED 221 and OED 276
Corequisites: OED 262 and OED 263

OED 265 - Teaching & Facilitation Skills

3 Credits Students learn and practice numerous techniques for teaching and facilitating. Students evaluate the appropriateness and effectiveness of different techniques for a variety of different educational objectives and audiences.

OED 276 - Foundation and Principles of Outdoor Education

3 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 and Diversity

3 Credits Explore factors that affect participation in outdoor education by people of different races, ethnicities, cultures, classes, genders, and gender identities and explore possibilities for improving access and inclusion in outdoor education contexts.
Course Fee.

OED 330 - National Outdoor Leadership School Course

1-4 Credits National Outdoor Leadership School. Contact Outdoor Education faculty or see NOLS website for more information.

OED 331 - Outward Bound Course

1 - 3 Credits See Outdoor Education faculty or the Voyageur Outward Bound website for more information.

OED 332 - Winter Travel and Living Skills

3 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" and toboggan travel.
Course Fee.
Prerequisites: OED 262, OED 263, and OED 264; or OED 330 or OED 331; or instructor consent

OED 349 - Search and Rescue

3 Credits Students study and practice techniques of lost victim search, search design, high angle rescue, and swift water rescue. The course combines lecture and lab to equip students with the skills and background required to function as useful members of a search or rescue effort.
Course Fee.
Prerequisites: OED 114 or OED 264 or instructor consent

OED 361 - Interpretive Programming and Design

3 Credits Students explore the methods and principles used by the National Park Service, Museums, and State Park systems to interpret natural and cultural environments effectively and to interest a variety of audiences. Students practice skills in both personal and non-personal interpretation by creating park/museum programs, interpretive literature, brochures, waysides, and other interpretive media .
Prerequisites: One of the following courses: EDU 210 , OED 261 , OED 265 , or instructor consent

OED 362 - Apostle Island School Preparation

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.
Course Fee.
Prerequisites: OED 261
Corequisites: OED 261

OED 363 - Applied Program Design & Delivery: Apostle Islands School

4 Credits

Students plan and deliver Apostle Island School, a field-based outdoor and environmental education program for local middle school students. Course includes numerous field trips and overnight camping trips.

Prerequisites: OED 261,OED 265, OED 276, OED 361 and OED 362

OED 364 - Outdoor Program Design & Delivery

4 Credits In the process of planning Apostle Island School, and potentially other other educational programs during the winter semester, students study principles of outdoor education program design, delivery, and assessment, including universal design principles, and practices of risk management.
Course Fee
Prerequisites: OED 261, OED 265, OED 276, and OED 361 (OED 361 may be taken concurrently)

OED 365 - Advanced Teaching Techniques

3 Credits As part of the Professional Development Experience, students will study curriculum models and advanced concepts for teaching in multiple outdoor education contexts and refine their abilities to craft curricula and effectively use a variety of teaching techniques in the delivery of educational experiences.
Course Fee
Prerequisites: OED 221, OED 265, OED 276,OED 279 and either the OED Skills Semester or the following: OED 107, OED 109, OED 110, OED 114, OED 116, and OED 237
Corequisites: OED 364 , OED 366 and OED 472

OED 366 - Universal Design Applications

3 Credits As part of the Professional Development Experience, students use concepts and principles of universal design to plan, implement, and assess accessible curricula and programs for diverse audiences in a range of outdoor education contexts.

Course Fee
Prerequisites: OED 221, OED 265, OED 276, OED 279 and either the OED Skills Semester or the following: OED 107, OED 109, OED 110, OED 114, OED 116, and OED 237
Corequisites: OED 364, OED 365 and OED 472

OED 385 - Urban Outdoor Education

3 Credits Students visit numerous organizations that deliver outdoor education programming in an urban setting. Students get to observe, participate in, and assess urban programming for a variety of populations and in a variety of settings.
Course Fee
Prerequisites: OED 265, OED 276, and OED 279

OED 409 - Paddling Instructor Development

3 Credits Students refine skills needed for paddling, instructing paddling skills, managing groups on water, adapting instruction for diverse abilities, and performing rescues. Students are able, upon completion of the course, to sit for an instructor certification exam.
Course Fee
Prerequisites: OED 107 and OED 109 or OED Skills Semester

OED 414 - Climbing Instructor Development

3 Credits Students refine skills and systems needed for climbing, site management, climbing instruction, and vertical rescue. Students are able, upon completion of the course, to sit for an instructor certification exam.
Course Fee
Prerequisites: OED 114 or OED Skills Semester

OED 430 - National Outdoor Leadership School Semester

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

OED 431 - Outward Bound Semester

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

OED 439 - Therapeutic Principles and 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.
Course Fee.
Prerequisites: OED 276 and Junior Standing

OED 446 - Wilderness Instructor Training

4 Credits Students plan and participate in a 3-week 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.
Prerequisites: OED 237,OED 262 OED 263 OED 264 , and Instructor Consent

OED 470 - Enduring, 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 472 - Accident Theory & Risk Management

3 Credits Students explore the nature of risk and societal responses to it. Students critique various theoretical and practical models for managing risk, and apply these theories to contexts both within and external to the outdoor profession. Students practice using various risk-management models to inform the design and implementation of outdoor programming.
Corequisites: Junior Standing or Instructor Consent

OED 489 - Advanced Topics in Diversity and Inclusion

3 Credits

Students read widely in the field, engage in research and development of topics in diversity and inclusion in Outdoor Education, and present their work to colleagues in the class and community.

Prerequisites: OED 279 and OED 265 orEDU 205

OED 491 - Field Experience

3 - 4 Credits

OED 492 - Internship

3 - 4 Credits

OED 496 - Outdoor Education Capstone

3 - 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.
Prerequisites: OED 364 , OED 365 , OED 366 , and junior standing

Physical Education

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 325 - Topics in Sports Management

3 Credits Students explore contemporary issues in Sports Management. The specific topic varies each time the course is taught and is identified at the time of offering. Examples of topics may include Sustainable Sports Management, Diversity & Inclusion in Sports Management, Issues in Collegiate Athletics, The Business of Silent Sports, Outdoor Recreation Economics.
Prerequisites: BUS 230 and Sophomore status

PED 400 - Organization and Administration 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 requirements; principles of officiating; the place of intramural and interscholastic athletics in the academic curriculum; and control and care of an athletic plant.

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, and justification of ethical assertions.

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.

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).

PHL 230 - Ancient Greek Philosophy

3 Credits This course introduces students to the ancient Greek philosophers, the "counter-cultural" thinkers of their day whose writings formed the foundations for contemporary Western thought. Through these philosophers, we explore questions that continue to puzzle us today: What is the nature of "nature"? How do we gain "scientific" knowledge? How can you live a happy life? Readings include selections from Plato, Aristotle, Pythagoras, and others.

PHL 240 - Political Philosophy

3 Credits Students study the nature and the function of society and the state with a focus on human rights and freedoms. Of special interest are notions of political liberalism and property, as well as critiques of both.

PHL 262 - Environmental Philosophy

3 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.

PHL 266 - Environmental Aesthetics

3 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.

PHL 270 - Philosophy of Science

3 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.

PHL 276 - Logic & Critical Thinking

3 Credits

This course focuses on three major domains of logic and critical thinking. Focus one attends to the structure of arguments and the deductive standards of validity and soundness, including further exploration of validity through truth tables. The second focus is on fallacies, particularly informal fallacies and the development of skills to recognize these poor reasoning patterns and explain why they are faulty. The third focus addresses the identification, evaluation, and construction of various kinds of inductive argumentation, with particular attention towards reasoning about research methods, statistics, and probability.

PHL 280 - Nature & Technology

3 Credits Students study the philosophical issues surrounding the intersection of developing technologies and the environment, especially how new technology generates ethical and aesthetic predicaments, raises questions of public policy, and challenges our conceptions of humanity and nature. Topics may cover issues related to de-extinction and resurrection biology, space exploration, geoengineering, or genetic modification.
Course Fee.

PHL 282 - Contemporary Western Philosophy

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

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 to the topic.

PHL 360 - Concepts of Nature

3 Credits An upper level seminar in which we explore conceptual frameworks surrounding the social construction of the concept of 'Nature'. We will look at the tacit assumptions that inform our attitudes, decisions, and behaviors in relation to the natural world, and we will compare European, American, and Japanese models of understanding 'Nature'.
Prerequisites: Any 3 credit PHL course

Physics

PHY 102 - Ideas of Physics

3 Credits Students investigate the ideas and wonders of physics including Newtonian mechanics, gravitation, fluid mechanics, thermodynamics, oscillations, waves, electricity, magnetism, optics, atomic energy, relativity, and quantum mechanics. Students explore the concepts of physics--largely without the use of mathematics--and apply these concepts to reveal the foundational rules of Nature. Students consider applications that advance sustainability and address solutions to current issues such as climate change, energy, pollution, food production, species extinction, social inequality, and environmental degradation.

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.

PHY 106 - Physics for Life Sciences

4 Credits

Students investigate the concepts of physics with specific application to the health sciences. Topics include motion, force, energy, momentum, torque, fluid mechanics, thermodynamics, and techniques in imaging.

Prerequisites: MTH 109 or above or a score of 4 on the Math Assessment test

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.
Course Fee.
Corequisites: 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.
Course Fee.
Prerequisites: PHY 110 and MTH 140

PHY 210 - Optics

3 Credits In this laboratory-based course, students investigate the nature of light. Topics include reflection, refraction, interference, diffraction, polarization, and optical instrumentation.
Prerequisites: PHY 111

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 and MTH 141

PHY 306 - Classical Mechanics

3 Credits At an advanced level, students investigate the study of mechanics, including kinematics with non-constant acceleration, rotation of rigid bodies, motion in non-inertial reference frames, 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.

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.

PSY 227 - Cognitive Psychology

3 Credits An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language.
Prerequisites: PSY 110

PSY 229 - Sport Psychology

3 Credits In this course, students learn the theories, concepts, and methodology of sport psychology. Topics covered include motivation theory in sport, team dynamics, psychological training, psychology of sport injury and burnout. Students gain an understanding of how psychological factors impact involvement, enjoyment, performance in sport/physical activity, and how personal behavior is influenced by sport and extreme physical exertion.
Prerequisites: Sophomore standing or higher

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 241 - Positive Psychology

3 Credits Historically, psychologists have placed attention on what's *wrong* with people. Recently, focus has shifted to the positive side of human nature. In this course, students focus on scientific research centered on the nature of happiness and well-being. Topics include: nature and measurement of happiness, the biological basis of positive emotions, an overview of positive trait theories, self-esteem, gratitude, emotional intelligence, volunteerism, and characteristics of successful relationships.
Prerequisites: Sophomore standing or higher

PSY 266 - Human Sexuality

3 Credits Students study the behavioral, biological, and psychological aspects of human sexuality. Students develop communication and decision-making skills related to sexuality and romantic relationships they can apply to personal experiences. Students are empowered to use the knowledge about human sexuality to take charge of their own health.

PSY 302 - Social Justice Policy

3 Credits In this course, students investigate the process of creating social change through public policy. In small teams students apply behavioral science research to a societal problem of interest and propose a policy pitch. Policy pitches focus on social and environmental justice; all majors are welcome to sign-up. Students master creating policies, summarizing large quantities of research, and making an effective pitch to persuade others.
Prerequisites: PSY 110, SOC 111, or junior standing

PSY 315 - Theories of Counseling Psychology

3 Credits This course is an introduction to the fundamental theories of the psycho-therapeutic process, for students who are considering careers as therapists or counselors, for those who plan to work with at-risk populations, and for those who are interested in processes of personal change and psychological growth. This course is not intended to teach

students to be therapists or counselors, but to give them a basic understanding of the theoretical perspectives of those professions, and sufficient background to determine whether and how they might pursue careers in such a field.
Prerequisites: Any 200-level PSY course or junior standing

PSY 322 - Health Psychology

3 Credits Students study a wholistic approach to health. This course is a comprehensive study of the bio-psycho-social approach in understanding how social, environmental, emotional, behavioral, biological, financial, and even spiritual factors influence health. Accordingly, we will cover a variety of topics including, but not limited to, environmental change, stress, finances, health care systems, addictions, nutrition, eating disorders, AIDS, coronary disease, pain, cancer, pediatric health, and aging.
Prerequisites: PSY 110

PSY 323 - Psychology of Adolescent Development

3 Credits Students expand on their understanding of lifespan development by studying specific developmental mechanisms and milestones in adolescence and emerging adulthood. Students investigate how developmental perspectives have evolved to accommodate contemporary demands of adolescents and emerging adults. Students examine seminal empirical works and learn to engage in thoughtful discussion of research on adolescent development and emerging adulthood.
Prerequisites: PSY 110

PSY 327 - Consciousness

3 Credits Though we feel familiar with the nature of our own conscious experience, many problems and mysteries arise in developing philosophical or scientific accounts of the nature and functions of these experiences. In this course we will consider the problems of consciousness from an inter-disciplinary perspective. Topics include philosophical issues, neurophysiology, sleeping and dreaming, selective attention, imagery, altered states and self-awareness.
Prerequisites: PSY 110

PSY 331 - 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.
Prerequisites: PSY 110, Junior Status, or Instructor Consent

PSY 335 - Experimental Psychology

4 Credits Students apply the scientific method in psychology, including experience in preparing, performing, and reporting psychological experiments.
Prerequisites: PSY 110, MTH 107, and Junior Standing

PSY 336 - Political Psychology

3 Credits Political behavior provides an excellent opportunity for applying basic psychological research and also driving that research with rich examples. This course focuses on utilizing psychology in understanding real world issues. Topics covered include social identity, group conflict, leadership, decision making, attitudes and opinions, nationalism, extremism, and international security.
Prerequisites: PSY 110 or Junior Standing

PSY 340 - Evolutionary Psychology

3 Credits Students examine how human behavior has been shaped by the processes of evolution. The course provides a brief overview of relevant psychological theories and evolutionary principles. Students spend the bulk of the term reviewing specific topics in depth: problems of survival, mating and sexuality, familial relationships, cooperation, aggression and warfare, sex differences, and social hierarchies.
Prerequisites: PSY 110

PSY 342 - Psycholinguistics

3 Credits A detailed examination of issues in the processing of language. The course provides a survey of research and theory in psycholinguistics, reflecting the influence of linguistic theory and experimental psychology. Spoken and written language comprehension and language production processes are examined.
Prerequisites: PSY 110

PSY 343 - Legal Psychology

3 Credits In this course, students apply knowledge and theories from social, cognitive, and developmental psychology to issues facing the legal system. Students explore and apply current theories and research on concepts such as: eyewitness testimony, interrogations and confessions, lie detection, jury decision making, and investigative interviewing.
Prerequisites: PSY 110

PSY 344 - Wrongful Convictions

3 Credits Students in the Wrongful Convictions course examine how human psychology can contribute to the conviction of innocent suspects. Students investigate various elements of psychology, with an emphasis on cognitive and social psychology. Students learn to read and analyze empirical research, specifically journal articles, to support the concepts discussed in class.
Prerequisites: PSY 110 or junior standing

PSY 345 - Cognition in the Wild

4 Credits This seminar focuses on how cognition occurs in different environments, sampling topics from psychology and several other disciplines including environmental studies, ecology, and anthropology. The coursework consists of writing assignments, short quizzes, and class presentations. Readings cover recent findings in Attention Restoration Theory as well as classical perspectives on the importance of wilderness. Students are expected to participate in a field trip.
Course Fee.
Prerequisites: PSY 110 and junior standing.

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.
Course Fee.
Prerequisites: PSY 110

PSY 366 - Neuropsychology

3 Credits Students study human brain-behavior relationships. Emphasis is placed on commonly used approaches in the assessment and measurement of human behavior and how the human brain is responsible for cognition, language, memory, spatial processing, emotion, and personality.
Prerequisites: PSY 110 or Junior standing

PSY 448 - Capstone

4 Credits The investigation, under guidance, of a special problem in psychology. This course includes the design of the study, the literature search, and development of the research tool, followed by data gathering, analysis, and presentation.
Prerequisites: Senior Status and Psychology Major

Religion

REL 165 - Demons, Angels, & Ghosts

3 Credits Students explore ideas and practices regarding demons, angels, and ghosts as encountered in a diverse range of cultural traditions, including "magic," Christianity, Islam, ancient "paganism," and New Age spirituality. Students also consider portrayals of supernatural entities in pop culture, with a special focus on depictions of angels and demons in contemporary cinema. Students gain familiarity with studying religion from a historical and comparative perspective.

REL 174 - Religion and Science

3 Credits Contemporary debates about evolution, climate change, modern medicine, and sexual ethics give the impression that religion and science are constantly at odds. But has it always been this way? In this course, students explore the history and continuing significance of the relationship between science and religion. The course includes an experiential learning component through student role-playing of historical conflicts.

REL 210 - Exploring Religion and Spirituality

3 Credits This course explores global religions and spiritualities as anthropological and historical phenomena, paying particular attention to the ways in which scholars in religious studies have discussed the definition and origins of "religion" as a human activity. Special topics include religion's intersections with the environment, mythologies, race, gender, sexuality, animals, magic, and pop culture.

REL 215 - Hebrew Bible and Jewish Origins

3 Credits An exploration of the historical world from which the Bible emerged, the literary world of the Bible itself, and meanings the Bible has in the contemporary world. Particular attention will be given to the biblical views of nature and their environmental implications. No prior knowledge of the Bible is expected.

REL 216 - Jesus, Paul, and Christian Origins

3 Credits Who was Jesus, and why did he attract a small band of devoted followers? How did that following end up transforming into a worldwide religious tradition? Students explore the origins of Christianity through a focus on its founding figures and scriptures within their ancient contexts. Special topics include the origins of the Bible, gender in early Christianity, and "lost" Christian movements (e.g., the Gnostics).

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.

REL 220 - Myth and 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.

REL 225 - Magic, Medicine, and Miracle

3 Credits This course explores medicinal, magical, and religious healing practices of the ancient world. Students analyze ancient Jewish, Christian, and Greco-Roman ("pagan") texts, including magical incantations, healing stories, medical case studies, magical recipes, and miracle tales, for how they conceive of these categories. Students use these explorations to interrogate contemporary understandings of religion, science, illness, healing, and the human body.

REL 229 - Judaism, Christianity, & Islam

3 Credits

Students explore the histories, beliefs, and practices of major and minor religious traditions of the Western hemisphere, with a special focus on the significance of those religious traditions for Western history and culture. Students gain familiarity with the three major monotheistic faiths of the West (Judaism, Christianity, and Islam) in addition to less well known religious traditions (e.g., ancient "paganism," nature spirituality, Wiccanism, New Age spirituality). Students also explore the significance of religious traditions for issues of contemporary importance (e.g., religion and gender, religion and violence, religious pluralism, religion and the environment, Western colonialism).

REL 230 - Asian Religions and 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.

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.

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.

REL 235 - Daoism Seminar

4 Credits In a seminar format, students 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.

REL 240 - Jesus in Popular Cultures

3 Credits Students investigate the diverse ways in which the figure of Jesus has been understood and interpreted within the Christian tradition. Students analyze this through close "readings" of a diverse range of media, including ancient texts, Medieval art, cinema, and contemporary popular literature (e.g., comic books).

REL 241 - Religion in America

3 Credits This survey course examines the role of religion in the history of the United States. We will study the dynamic interaction of religion with other social, political and cultural forces that helped shape and still influence the American experience today. We will explore such questions as: What role have religions played in shaping a diverse American culture? What does it mean to be religious in America, and how have various faiths contributed to personal and communal identity? How have dominant forms of Christianity participated in imperial impulses throughout American history? We will also investigate religious movements that uniquely evolved out of American culture, and the contemporary challenge of evangelical and fundamentalist forms of religion.

REL 257 - Death and 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.

REL 258 - Religion and 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.

REL 260 - Utopias

3 Credits In this course students study the cultural history of the Utopian imagination. Covering examples of Utopian thinking that are both religious and secular in nature, throughout the course students learn how to critically evaluate representations of utopias in art, literature, film, and other forms of media.

REL 270 - Religion and 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

REL 315 - History of Christian Cultures

3 Credits This course explores the history of Christianity through an examination of its diverse manifestations throughout history and across the globe, starting with what we can know about the "historical" Jesus and his earliest followers, and moving through early Christianity, the medieval Period, Reformation, and contemporary global varieties of Christianity. Special topics include ancient Gnosticism, Christianity & magic, heaven & hell, Christian mysticism, the environment, and African-American Christianity.

REL 330 - History of Islamic Cultures

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.

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.

REL 340 - Sex and Religion

3 Credits Students investigate the intersection of religious beliefs/practice and cultural constructions of gender/sex/sexuality, with a special focus on how new theoretical approaches in the fields of gender/sexuality and religious studies might help better understand the intersection of these two important aspects of modern culture. Students put these theories to work in their own readings of sources through special "Theory in Practice" class sessions.
Prerequisites: Any GWS course or one of the following courses: SOC 236 , SOC 234 , HIS 209 , HIS 260 , or NAS 215 .

REL 341 - Theologies of Liberation

3 Credits In Theologies of Liberation students examine three major areas of 20th century liberationist thought: Latin American liberationists, feminist theology, and Black Theology. Using these theological systems, students investigate several major problems in contemporary theology such as suffering, oppression, salvation, and the problem of the future. Throughout the course, students are encouraged to formulate their own critical reflections on these theological approaches.
Prerequisites: Any REL course or any of the following:ENG 233, GWS 265,GWS 266, HIS 209, PHL 282, SCD 135, SOC 225, or SOC 234

REL 410 - Sacred Space

3 Credits In this upper division religion seminar students study a variety of theoretical perspectives on the idea of sacred space. In doing so, students investigate the critical cultural distinction between the sacred and the profane and interrogate how these two distinct types of 'space' have been produced over time. Students also inquire into their own personal relationship to place by working to integrate their individual narratives into broader cultural frameworks that define our collective experience of space.
Prerequisites: Any 300+ level REL course or insturctor consent

Sustainable Community Development

SCD 110 - Introduction to Sustainable Community Development

4 Credits This introductory lecture course offers a comprehensive survey of the interdisciplinary field of sustainable community development. Over the course of the semester, and through readings, visual material, and discussions that complement the lecture, students examine historical conceptions of community, explore current trends in sustainable development, and theorize future ways of living.

SCD 135 - Seminar in Media, Politics & Change

4 Credits In this first-year seminar course students examine several key turning points in 20th century political and social history. In particular, students consider the role that popular culture and mass media play in shaping and processing as well as resisting the call for progressive change. Over the course of this study students refine reading, media literacy, and critical-thinking skills, and connect course material with the current media and political landscape.
Prerequisites: First-year/Freshmen and First-year Transfer Students Only

SCD 160 - Renewable Energy & Sustainable Design

3 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.

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 222 - Rural Development

3 Credits Students study the history, principles, challenges and policies related to sustainable development in rural communities, with a focus on the Global North. Combining theoretical frameworks and practical applications, students gain the knowledge and skills necessary to contribute to the well-being, prosperity and resilience of rural communities.

SCD 230 - The Political Process

3 Credits This course introduces students to the political process. Students will examine 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.

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.
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.
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 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, Grupo Fenix, Association ANAI, and Kekoldi.
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.
Prerequisites: Completion of a two-course block or SCD 110 and Admittance to CELL Program

SCD 276 - Global Warming Change Course: Lesson 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.
Prerequisites: Admittance to CELL Program

SCD 320 - The History of Planning and Development

3 Credits From ancient urban societies through the innovative sustainable communities of today, urban development – how lives were/are ordered spatially – has been an ever-evolving process. With special attention to the nineteenth and twentieth centuries, this course considers how cities worked, how intellectuals imagined cities could function, and what innovations succeeded and what ideas failed, thus providing greater understanding of how places should be planned in the future.
Prerequisites: Sophomore Status

SCD 324 - Sustainable Recreation & Ecotourism

3 Credits Students examine the role of sustainability in the fastest growing economic sector in the United States: hospitality and tourism. Students study the major theories and concepts guiding research and practice of sustainable recreation and its relation to community development. The course highlights critical issues such as over-tourism, rural and urban differences, worker justice, and environmental conservation. Students will engage in community-based learning. This course can be taken as either BUS 324 or SCD 324.
Course Fee
Prerequisites: Sophomore standing

SCD 328 - Globalization and the Environment

3 Credits This course considers how global economic activity impacts the environment and human well-being. Students explore how factors such as distance, increased competition and international lending conditions influence how natural capital is owned, managed and used, for what purposes and for whom. Students also explore global initiatives and examples of community-level collective action aimed at achieving environmental sustainability. Topics

include privatization of water, electronic waste, the global timber industry, agricultural land grabbing and climate change.

SCD 332 - Rethinking Economic Development

4 Credits In this course students explore the interaction between conceptions of economic development and measures of progress and well-being. Students learn the evolution of development theory – from classic theories of growth, to human development, to sustainable development – and the application of these theories at local and international scales. Students analyze trends of both traditional and innovative indicators of development.
Prerequisites: BUS 226 or ECN 263

SCD 335 - Organizing Communities

3 Credits People working to maintain, reform, and revolutionize their community of place play a critical role in organizing community and community change. This course addresses community, community organizing, and community change and demonstrates the power individuals and groups hold in shaping community through thoughtful and methodical collective action.
Prerequisites: Junior or Senior Standing or Instructor Consent

SCD 340 - Gender & Economic Development

3 Credits This course applies feminist theory to economics and seeks to understand issues confronting women in the developing world. Students explore the link between the social construction of gender and the evolution of capitalism and examine relationships between development and women's empowerment in the areas of gender relations, income equality, access to labor and credit markets, property ownership and the impacts of climate change.
Prerequisites: ECN 263, GWS 265, GWS 266, HIS 260, SCD 230, or SOC 234

SCD 342 - Policy and Econ of Climate Change

3 Credits Students investigate the political and economic forces that have shaped past efforts to address climate change, and explore policy options including international treaties, national regulations, and municipal efforts. Students analyze the benefits and pitfalls of market based solutions, and utilize the tools of economics to evaluate the impacts of alternative policies in order to develop a vision for a sustainable climate future.
Prerequisites: Sophomore standing

SCD 345 - Culture and Revitalization

3 Credits Students study the role culture, art and creativity play in sustainable economic and community development. Taking an interdisciplinary approach, students learn about cultural planning, community arts activism, creative placemaking, and creative economy policies enacted across a range of contexts. Students also explore both the positive and negative impacts of culture-led development including revitalization and gentrification.
Prerequisites: SCD 110

SCD 355 - The Just City in Practice

3 Credits This Spring Term experiential travel course offers Sustainable Community Development majors an intensive examination of the "just city" concept. A week of seminar readings and discussion is followed by ten days of fieldwork in an international "just city." In the process, this course demonstrates how sustainable community development is a global phenomenon, and familiarizes students with the relationship between theory and practice.
Course Fee
Prerequisites: SCD 110, SCD 220, SCD 230, SCD 135, or Instructor Consent

SCD 360 - International Development

3 Credits This course begins by exploring the evolution of economic development theory from the post WWII era to the present. Using contemporary theories of human economic development and sustainability, students consider the diversity of development paths across nations, along with a variety of policy approaches aimed at improving well-being.
Prerequisites: ECN 263

SCD 365 - Workforce Development

3 Credits Students explore the current and future state of the labor market and the programs that leverage federal, state, and local financial resources to support workforce development. Through case studies and practical examples, this course addresses the difficulties experienced by the long-term unemployed, senior and youth workers, minorities, individuals with disabilities and individuals with limited formal education, as well as strategies designed to improve opportunities for job seekers.
Prerequisites: ECN 263 or BUS 226

SCD 412 - Sustainable Development Studio

4 Credits Under the supervision of a faculty member and in collaboration with a local municipality, community development organization, or non-profit group, students help research, design, and present an applied sustainable plan for a site, neighborhood, or community. The planning studio allows students to gain experience in the practice of planning in an applied way, collaborating at both the classroom and community level.
Prerequisites: Instructor consent required

SCD 422 - Capitalism, Justice, and 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: ECN 263

SCD 430 - Sustainable Development Theory

4 Credits This intensive reading course offers Sustainable Community Development majors a comprehensive survey of the discipline's theoretical underpinnings. In a seminar setting, students read, discuss, analyze, and critique a diverse array of community planning, economic development, and ecology theorists from the past century, ultimately synthesizing and enhancing sustainable development theory for applied practice in the field.
Prerequisites: SCD 110 or SCD 225 and Senior standing

SCD 480 - Senior Capstone in SCD

4 Credits In this project-based senior capstone course, students conduct original research projects in the field of sustainable community development that culminates in a lengthy (20-plus page) report as well as a research presentation at the Honors Day poster session. Given the broad interdisciplinarity that encompasses the field of sustainable community development, students have flexibility in the area and format of their analysis, but the expectation is that they develop original research and share it with the campus community.
Prerequisites: SCD 430 and senior standing

SCD 481 - Applied Research Practicum

4 Credits Under the supervision of faculty researchers and in collaboration with a community organization or group, students help design, administer, and analyze an applied research project. All applied research projects engage students in the process of creating original research (e.g., design, data collection, analysis, and report) and develop skills needed to work collaboratively with community based organizations and stakeholders.
Prerequisites: Instructor Consent

Sociology and Social Justice

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.

SOC 215 - Sociology of Community

3 Credits Students in this course utilize a sociological perspective to explore the social forces that shape communities in the 21st Century. Focusing on rural, urban, and suburban areas, students examine how market forces intersect with race, class, and gender in shaping communities throughout the U.S. In addition, students participate in direct community engagement activities at the College and in the Chequamegon Bay region as a way of enhancing their classroom work with hands on experience.

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.

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.

SOC 236 - Sociology of Sexuality

4 Credits This course provides 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.

SOC 242 - 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.

SOC 260 - Introduction to Sociology - Superior Connections

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. As part of a block in the Superior

Connections program, this course utilizes sociological concepts to understand life in and around the Lake Superior Watershed as students consider the relationship between sustainability and social justice
Prerequisites: Enrollment in Superior Connections

SOC 320 - Health, Medicine, and Justice

3 Credits This course is an introduction to the Sociology of Medicine. The Sociology of Medicine is centered around the theme that health and illness cannot be understood by simply looking at biological phenomena and medical knowledge. Rather, it is also necessary to situate health and illness in the larger political, cultural, economic, and social forces within a society. The course will be divided into three sections: the social construction of health and illness, the structure of the American health care system, and the medical profession and medical ethics. Special emphasis will be place on the role of environmental factors in these three areas.
Prerequisites: SOC 111 and junior standing

SOC 325 - Environmental Health and Sustainability

3 Credits Students in this course will use social epidemiological methods to explore the relationship between environmental health and sustainability issues with the goal of developing socially just solutions. This class will focus on social determinants of environmental health, measures and methods of studying health, exposures and impacts, and sustainable strategies. These concepts will be applied to sustainable and healthy cities, transportation, food, energy, and social justice issues.
Prerequisites: SOC 111

SOC 332 - Crime, Deviance, and 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.
Prerequisites: SOC 111 or SOC 260

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.
Prerequisites: SOC 111

SOC 368 - Global Inequality

4 Credits Students study the forms, causes and consequences of global inequalities. Globalization produces winners and losers, and this course explores those individuals, companies, and countries that benefit from globalization as well as those who are harmed by it. Additionally, the course will analyze how demographic trends play a role in the globalization process.
Prerequisites: SOC 111 or Instructor Consent

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 and 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 and 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 its struggle to achieve human rights.
Prerequisites: SOC 111 or SOC 260

SOC 381 - Undoing Racism

3 Credits This course teaches students how to understand race and racism from a sociological perspective. American culture teaches us that we should not pay attention to race because it only makes inequality worse. This leaves us ill-prepared to interact with difference or understand inequality. In this course, students become familiar with the data that examine how race and ethnicity are tied to inequality and privilege, and they develop skills for dealing with racial / ethnic differences in a variety of contexts.
Prerequisites: SCD 110 or SOC 111

SOC 448 - Sociological Theory

4 Credits In this course students learn classic and contemporary social theories and consider their impact on current sociological research. By reading primary texts from a wide variety of social theorists, students not only engage directly with the ideas and assumptions embedded in social theory, they are also able to consider how socio-political forces shape which writers were excluded from the field in its early formations. This perspective deepens students' critical awareness of ideas and assumptions within sociology and other social sciences, leaving them better equipped to understand the complexity of social research.
Prerequisites: Any SOC course.

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: SOC 111 or SOC 260

SOC 481 - Qualitative Research Methods

4 Credits Students learn research methodologies and analysis in a range of qualitative methods including ethnography, in-depth interviewing, focus group moderating, and content analysis. By reading theory, reviewing existing research, and developing hands-on skills through working on data collection and analysis, students gain a thorough understanding of the theory and practice of qualitative methodologies.
Prerequisites: Any Social Science class (BUS, EDU, PSY, SCD, SOC) and Junior Standing

SOC 488 - Capstone in Sociology and Social Justice

4 Credits This course provides students with the necessary skills to complete a social science research project of their choosing, with the guidance of the professor and other students in class. This is a seminar in which students read and discuss social science research.
Prerequisites: SOC 370

Writing

WRI 224 - News Writing & Reporting

3 Credits This course introduces students to the essentials of journalism necessary for any storytelling format: news and information gathering; constructing stories; editing and presentation; avoiding libel and other legal pitfalls. It drills students in basic skills and deadline reporting and writing.

Prerequisites: ENG 110, or writing assessment score of 3 or higher, or completion of any ENG or WRI course.

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, a Connections Block, or Writing Assessment Score of 3 or above

WRI 340 - Short Forms and Hybrids

3 Credits This is a course in literary experimentation focused on writing in short and hybrid forms including prose poetry, flash fiction, sudden fiction, micro-fiction, and flash and micro-essays. Students read examples of these forms; write in a range of short-form genres, modes, and styles; try exercises designed to open up new mental landscapes; and workshop their writing with their peers.
Prerequisites: Any WRI course

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 This seminar is an advanced workshop in fiction writing. 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 and is a 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

Majors and Minors

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:

All of the following:

- BIO 138 - Foundations of Cell Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**
- BIO 309 - Evolutionary Biology **3 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**

One of the following:

- BIO 480 - Biology Senior Seminar **3 Credits**

- BIO 496 Senior Capstone **3 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

One additional CHM course:

- Must be 200 level or higher - **4 Credits**

Biology Major Emphases:

To complete a major in Biology, choose one of the following emphases:

Health Emphasis:

All of the following:

- BIO 208 - Anatomy **4 Credits**
- BIO 330 - Genetics **4 Credits**
- BIO 331 - Microbiology **4 Credits**
- BIO 360 - Vertebrate Physiology **4 Credits**

- PHY 106 - Physics for Life Sciences **4 Credits**
  OR
- PHY 110 - General Physics I **4 Credits**

- PSY 110 - General Psychology **4 Credits**

Cell and Molecular Emphasis:

All of the following:

- BIO 330 - Genetics **4 Credits**
- One additional CHM course at the 200 level of higher (not already counting elsewhere within the major) **4 Credits**

Two of the following:

- BIO 226 - Field Parasitology **4 Credits**
- BIO 237 - Embryology **4 Credits**
- BIO 331 - Microbiology **4 Credits**
- BIO 346 - Wildlife Disease **3 Credits**
- BIO 360 - Vertebrate Physiology **4 Credits**
- BIO 420 - Methods in Molecular Biology **4 Credits**

- CHM 345 - Biochemistry **4 Credits**

8 additional BIO credits at 200-level or above:

- At least 4 credits must be at 300-level or above
- Up to 4 credits from BIO internships, research or teaching assistantships, or independent study experiences

Ecology, Evolution, and Organismal Emphasis:

- BIO 410 - Conservation Biology **4 Credits**

One of the following:

- BIO 240 - Conservation Genetics **4 Credits**
- BIO 330 - Genetics **4 Credits**

Two of the following:

- BIO 222 - Spring Flora **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 224 - Entomology **4 Credits**
- BIO 226 - Field Parasitology **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**

8 additional credits:

- At least 4 credits must be 300-level or above.
- Credits can be satisfied by additional BIO/MTH courses at the 200 level or above or NRS courses at the 300 level or above.
- Up to 4 credits can be BIO or NRS internships, research or teaching assistantships, or independent study experiences.

Total Biology Major: 54-55 Credits

Biology Minor

Minor Requirements:

All courses below:

- BIO 138 - Foundations of Cell Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**

- BIO 309 - Evolutionary Biology **3 Credits**
- BIO 330 - Genetics **4 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Additional Requirements:

- Choose an additional **6-8 Credits**. These credits can be satisfied by BIO courses at 200-level or above, or NRS credits at the 300-level or above.

Total Biology Minor: 30-32 Credits

Business

The business management major prepares students to sustainably lead mission-based enterprises in the for-profit, non-profit, and for-benefit sectors. The major is grounded in Northland's environmental liberal arts approach, providing a foundational understanding of finance, marketing, strategic management, and human resource management that prepares students for successful careers in organizations or graduate work. Elective courses from within the program and a variety of fields across campus allow students to complete the major with a broad and diverse interdisciplinary understanding of management – one that likely captures their scholarly and career interests.

Business Management Major (B.S.)

Major Requirements:

- BUS 140 - Managing for Sustainability **3 Credits**
- BUS 222 - Fundamentals of Accounting **4 Credits**
- ECN 263 - Essentials of Economics **4 Credits**
- BUS 330 - Managerial Finance **3 Credits**
- BUS 338 - Human Resource Management **3 Credits**
- BUS 361 - Organizational Behavior **3 Credits**
- BUS 475 - Strategic Planning and Policy Capstone **3 Credits**

One of the following:

- IDS 201 - Data Literacy **4 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**

Elective Requirements:

A minimum of **20 credits** (12 of which must be 300-level or higher) drawn from any BUS or ECN course not included in the core, or courses from the following list:

- ART 280 - Graphic Design I **3 Credits**
- ART 282 - Web Design I **3 Credits**
- ART 380 - Graphic Design II **3 Credits**
- ART 382 - Web Design II **3 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 160 - Renewable Energy & Sustainable Design **3 Credits**
- SCD 328 - Globalization and the Environment **3 Credits**
- SCD 332 - Rethinking Economic Development **4 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SCD 345 - Culture and Revitalization **3 Credits**
- SCD 360 - International Development **3 Credits**
- SCD 365 - Workforce Development **3 Credits**

Total Business Major: 46-47 Credits

Business Management Minor

Minor Requirements:

- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- BUS 140 - Managing for Sustainability **3 Credits**
- BUS 222 - Fundamentals of Accounting **4 Credits**
- ECN 263 - Essentials of Economics **4 Credits**
- BUS 361 - Organizational Behavior **3 Credits**
- Two additional BUS courses at 300-level or higher **6-8 Credits**

Total Business Management Minor: 24-26 credits

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 Minor

Minor Requirements:

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Five of the following, totaling at least 20 credits:

- MTH 140 Calculus I **4 Credits**
- PHY 110 General Physics I **4 Credits**
- Any 200 level or higher CHM course

Total Chemistry Minor: 24 Credits

Earth Science

All of the pressing environmental issues sit at the nexus of climate, hydrology, biology, and geology. You know that Earth, water, and climate are essential for life and society as we know it. In the Earth Science major, you will gain the skills and knowledge to understand the complex relationships between atmospheric, hydrologic biologic, and geologic processes. Through it all, you will learn how people are influenced by and have an impact on the Earth.

Courses in this major will get you interacting with Earth and its systems first-hand, through labs and field trips. Your Earth Science major at Northland is heavily focused on hand-on learning experiences that will directly prepare you to address future environmental challenges. Whether working with area organizations to analyze climate risks or develop climate plans, sampling water quality and aquatic invertebrates to better understand threats to the Lake Superior watershed, or traveling the region to see the remarkable geologic history written in the rocks, you will get the real-world experiences that make for a rich education centered around the Earth.

Throughout this major, you will learn about the role that Earth Science can play in creating a more sustainable and just future for all and explore the diverse careers available in this growing field.

The Earth Science Major spans a breadth of coursework necessary for understanding the wide range of Earth Science issues. But you will also focus your interests more deeply through 1 of 3 emphases: Climate Science, Water Science, and Geology.

Areas of Study as an Emphasis:

Climate Science:

Applied climate science is a rapidly growing field that addresses the global need to cut greenhouse gas emissions and build a clean energy economy as well as the local need to identify climate-related risks and prepare for an uncertain future. You will gain the skills needed work with climate data, translate climate science information for a variety of audiences, and design inspiring climate solutions. Graduates are ready to work as climate resilience specialists, climate risk analysts, or consultants in corporate sustainability, renewable energy, or carbon markets, or pursue graduate studies in a climate-adjacent specialty.

Water Science:

The water science emphasis gives you all the skills and knowledge you need to understand the chemistry, biology, and movement of water in the environment. You'll also gain a deep appreciation for how we are connected to each other and the Earth through water. Courses focus on the science of the occurrence, circulation, and distribution of surface water, ground water, lakes, oceans, and atmospheric water. You'll graduate with an understanding of the importance of water resources to all ecosystems and be ready for graduate school or a career in the field. In addition to rigorous and relevant coursework, Northland students also have the opportunity to gain real-world work experience through Northland College's Mary Griggs Burke Center for Freshwater Innovation.

Geology:

Delve into the remarkable history of the Earth, the rocks of which it is composed, and the physical, chemical, and biological changes that the Earth is continually undergoing. To understand the Earth, you need to study its minerals, rocks, soils, and landscapes in many different settings. You have to study it at all scales, too, from vast landscapes to microscopic soil particles. You have to interact with it through hands-on experiences in labs and on field trips. In the geology emphasis, you will learn through getting out in the field as well as in the classroom through maps, rock samples, slides, and stories. You will gain a thorough understanding of how the physical earth—its minerals, rocks, soils, water, landscapes—form the foundation on which all ecosystems exist.

Earth Science (B.S.)

Major Requirements:

- CLM 244 - Understanding Climate Change **4 Credits**
- GSC 120 - Physical Geology **4 Credits**
- GSC 498 - Senior Seminar in Geoscience **2 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- One additional MTH course at 200 level or higher **4 Credits**

Two of the following:

- CPS 220 - Computer Science **4 Credits**
- GIS 201 - Introduction to Geographic Information Systems **4 Credits**
- GIS 301 - Intermediate GIS Applications **4 Credits**

- MTH 340 - Statistical Data Science **4 Credits**

One of the following:

- PHL 226 - Environmental Ethics **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- SCD 328 - Globalization and the Environment **3 Credits**

Complete one of the following emphases:

Geology Emphasis:

- CHM 110 - General Chemistry **4 Credits**
- One additional CHM course 200 level or higher **4 Credits**
- GSC 222 - Sediments and Soils **4 Credits**
- GSC 233 - Earth Resources **4 Credits**
- GSC 240 - Natural Hazards **4 Credits**
- GSC 320 - Geomorphology **4 Credits**

One of the following:

- BIO 473 - Limnology **4 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- GSC 264 - Water Resources and Policy **3 Credits**
- GSC 285 - Techniques in Freshwater Science **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 406 - Aqueous Environmental Geochemistry **4 Credits**

One of the following:

- GSC 482 - Wyoming Geology Field Camp **4 Credits**
- GSC 483 - Great Lakes Geology Field Camp **4 Credits**

One of the following:

- GSC 312 - Paleoclimate: Past as Prologue **4 Credits**
- GSC 370 - Glacial Geology **4 Credits**
- GSC 474 - Tectonics and Structural Geology **4 Credits**

Water Science Emphasis:

- BIO 473 - Limnology **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

- One additional CHM 200 course 200 level or higher **4 Credits**
- GSC 285 - Techniques in Freshwater Science **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 406 - Aqueous Environmental Geochemistry **4 Credits**

One of the following:

- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**

One of the following:

- GSC 264 - Water Resources and Policy **3 Credits**
- IDS 248 - Great Lakes Water Wars **3 Credits**

One of the following:

- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- NRS 358 - Wetlands **4 Credits**

Climate Science Emphasis:

- CHM 326 - Atmospheric Chemistry **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 246 - Climate Change Impacts and Adaptation **4 Credits**
- CLM 364 - Land-Atmosphere Interactions **4 Credits**
- CLM 386 - Monitoring Climate Change **4 Credits**
- CLM 467 - Atmospheric Physics **3 Credits**
- GSC 312 - Paleoclimate: Past as Prologue **4 Credits**
- SCD 160 - Renewable Energy & Sustainable Design **3 Credits**

One of the following:

- SCD 335 - Organizing Communities **3 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**

One of the following:

- CLM 260 - Regional Climate Change Solutions **3 Credits**
- NRS 345 - Ecological Restoration **4 Credits**
- NRS 358 - Wetlands **4 Credits**

Education

The mission of the Educator Preparation Program at Northland College is to provide an engaging, experiential education program focused on using social justice and environmental sustainability to prepare effective and reflective teachers.

The Northland College Educator Preparation Program is rooted in the belief that education has a vital role in creating a more just and sustainable world. We believe that a core purpose of schools is to help prepare students to be informed citizens and critical thinkers that understand and address the issues and injustices their communities face. We prepare our teacher candidates to take up this work with integrity, perspective, and joy.

The Northland College Educator Preparation Program infuses its four commitments of environmental sustainability, social justice, engaged learning, and reflective practice into programmatic coursework and uses them to frame teacher candidates' experiences to support their growth and development as future teachers.

Each education major includes multiple school placements with experiences both in and out of classroom environments providing teachers candidates with broad perspective on teaching and learning. Knowledgeable, experienced and attentive professors blend these classroom experiences with their coursework to help teacher candidates develop the versatility, confidence, and skills needed for the realities of teaching and for lifelong learning. Successful graduates are certified by Northland College and earn licensure from the Wisconsin Department of Public Instruction.

Students pursuing a degree in elementary or secondary education are encouraged to obtain a copy of the Educator Preparation Program Student Handbook of Policies, Procedures, and Forms for specific details on the requirements for both the academic majors and state licensure information.

Secondary (4-12) Math Education Major (B.S.)

Major Requirements:

Statutory Requirements:

One of the following NAS Courses:

- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**

One of the following SOC courses:

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Pre-Program Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 203 - STEM for Elementary Teachers **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**
- PSY 323 - Psychology of Adolescent Development **3 Credits**

- EDU 210 - Teaching Environmentally **3 Credits**
  OR
- OED 261 - Foundations in Environmental Education **3 Credits**

- EDU 232 - Learning, Growth and Cognition **3 Credits**
  OR
- PSY 227 - Cognitive Psychology **3 Credits**

Program Requirements:

Practicum 1 Semester

- EDU 315 - Classroom Management and Conflict Resolution **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**

Practicum 2 Semester

- EDU 338 - Practicum 2 **1-4 Credits**
- EDU 377 - Mathematics Teaching Methods **3 Credits**

Student Teaching Semester

- EDU 448 - Student Teaching Seminar **2 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**

Content Requirements:

- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- MTH 141 - Calculus II **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**

Secondary Math Education Major Total Credits = 74-86

Secondary (4-12) Social Studies Education Major (B.S.)

Major Requirements:

Statutory Requirements:

One of the following NAS Courses:

- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**

One of the following SOC courses:

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Pre-Program Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**
- PSY 323 - Psychology of Adolescent Development **3 Credits**

- EDU 210 - Teaching Environmentally **3 Credits**
  OR
- OED 261 - Foundations in Environmental Education **3 Credits**

- EDU 232 - Learning, Growth and Cognition **3 Credits**
  OR
- PSY 227 - Cognitive Psychology **3 Credits**

Program Requirements:

Practicum 1 Semester

- EDU 315 - Classroom Management and Conflict Resolution **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**

Practicum 2 Semester

- EDU 338 - Practicum 2 **1-4 Credits**
- EDU 370 - Social Studies Teaching Methods **3 Credits**

Student Teaching Semester

- EDU 448 - Student Teaching Seminar **2 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**

Social Studies Content Requirements:

Categories are from NCSS Framework for Teaching, Learning, and Assessment

1. Culture

One of the following:

- ART 230 - Art History I **3 Credits**
- ART 231 - Art History II **3 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**

2. Time, Continuity, and Change:

One of the following:

- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 315 - American Foodways **3 Credits**

One of the following:

- HIS 242 - European Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 270 - The Holocaust **3 Credits**

3. People, Places, and Environments:

One of the following:

- GIS 201 - Introduction to Geographic Information Systems **4 Credits**
- GSC 262 - World Regional Geography **3 Credits**

4. Individual Development and Identity:

*this section already completed as part of Pre-Program Requirements

- EDU 232 - Learning, Growth and Cognition **3 Credits**

OR

- PSY 227 - Cognitive Psychology **3 Credits**

- PSY 323 - Psychology of Adolescent Development **3 Credits**

5. Individuals, Groups, and Institutions:

One of the following SOC courses: (already completed with Statutory Requirements)

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

6. Power, Authority, and Governance:

- SCD 230 - The Political Process **3 Credits**

7. Production, Distribution and Consumption:

- ECN 263 - Essentials of Economics **4 Credits**

8. Science, Technology, and Society:

One of the following:

- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**

9. Global Connections:

One of the following:

- HIS 111 - History of World Civilizations to 1500 **3 Credits**
- HIS 112 - History of World Civilizations since 1500 **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- IDS 281 - Spring in Italy **4 Credits**
- REL 210 - Exploring Religion and Spirituality **3 Credits**

10. Civic Ideals and Practices:

One of the following:

- GWS 343 - Queer Ecologies **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**

- PHL 226 - Environmental Ethics **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**

Secondary Social Studies Education Major Total Credits: 71-85

Elementary/Middle (4K-9) Education Major (B.S.)

Major Requirements:

Statutory Requirements:

One of the following NAS courses:

- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**

One of the following SOC courses:

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Pre-Program Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 203 - STEM for Elementary Teachers **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**

- EDU 210 - Teaching Environmentally **3 Credits**
  OR
- OED 261 - Foundations in Environmental Education **3 Credits**

- EDU 232 - Learning, Growth and Cognition **3 Credits**
  OR
- PSY 227 - Cognitive Psychology **3 Credits**

- PSY 203 - Lifespan Developmental Psychology **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**

Program Requirements:

Practicum 1 Semester

- EDU 315 - Classroom Management and Conflict Resolution **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**

- EDU 359 - Emergent Literacy **3 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**

Practicum 2 Semester

- EDU 338 - Practicum 2 **1-4 Credits**
- EDU 341 - Science Teaching Methods **3 Credits**
- EDU 349 - Literacy Teaching Methods I **3 Credits**
- EDU 370 - Social Studies Teaching Methods **3 Credits**
- EDU 377 - Mathematics Teaching Methods **3 Credits**

Student Teaching Semester

- EDU 448 - Student Teaching Seminar **2 Credits**
- EDU 471 - Student Teaching - Elementary **6 - 12 Credits**

Content Area Courses:

English/Language Arts:

- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**

Mathematics:

- MTH 106 - Environmental Mathematics **4 Credits**
  OR
- MTH 107 - Statistical Concepts and Analysis **4 Credits**

Science:

- BIO 115 - Investigating Life **4 Credits**
  OR
- BIO 138 - Foundations of Cell Biology **4 Credits**

- PHY 102 - Ideas of Physics **3 Credits**

Social Studies:

- SCD 135 - Seminar in Media, Politics & Change **4 Credits** This course is for first-year Freshman/Transfer students only.
  OR
- SCD 230 - The Political Process **3 Credits**

- HIS 241 - American Environmental History **3 Credits**

OR

- HIS 315 - American Foodways **3 Credits**

EDU Major Total Credits = 87-100

Secondary (4-12) English Language Arts Education Major (B.S.)

Major Requirements:

Statutory Requirements:

One of the following NAS Courses:

- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**

One of the following SOC courses:

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Pre-Program Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**
- PSY 323 - Psychology of Adolescent Development **3 Credits**

- EDU 210 - Teaching Environmentally **3 Credits**
  OR
- OED 261 - Foundations in Environmental Education **3 Credits**

- EDU 232 - Learning, Growth and Cognition **3 Credits**
  OR
- PSY 227 - Cognitive Psychology **3 Credits**

Program Requirements:

Practicum 1 Semester

- EDU 315 - Classroom Management and Conflict Resolution **3 Credits**

- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**

Practicum 2 Semester

- EDU 338 - Practicum 2 **1-4 Credits**
- EDU 349 - Literacy Teaching Methods I **3 Credits**

Student Teaching Semester

- EDU 448 - Student Teaching Seminar **2 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**

English Language Arts Content Requirements:

All of the following:

- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**

Western Literature: One of the following:

- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 225 - Major American Authors **3 Credits**
- ENG 262 - Survey of British Literature **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 332 - Major American Authors II **3 Credits**

Indigenous Literature: One of the following:

- NAS 380 - Indigenous Women Writers **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**

Writing:

- Any 300-level or higher writing (WRI) course **3-4 Credits**

Secondary English Language Arts Education Major Total Credits: 74-87

Secondary (4-12) Science Education Major (B.S.)

Major Requirements:

Statutory Requirements:

One of the following NAS Courses:

- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**

One of the following SOC courses:

- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Pre-Program Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 203 - STEM for Elementary Teachers **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**
- PSY 323 - Psychology of Adolescent Development **3 Credits**

- EDU 210 - Teaching Environmentally **3 Credits**
  OR
- OED 261 - Foundations in Environmental Education **3 Credits**

- EDU 232 - Learning, Growth and Cognition **3 Credits**
  OR
- PSY 227 - Cognitive Psychology **3 Credits**

Program Requirements:

Practicum 1 Semester

- EDU 315 - Classroom Management and Conflict Resolution **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**

Practicum 2 Semester

- EDU 338 - Practicum 2 **1-4 Credits**

- EDU 341 - Science Teaching Methods **3 Credits**

Student Teaching Semester

- EDU 448 - Student Teaching Seminar **2 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**

Science Content Requirements:

- BIO 138 - Foundations of Cell Biology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- GSC 120 - Physical Geology **4 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- PHY 102 - Ideas of Physics **3 Credits**

Secondary Science Education Major Total Credits: 73-85

Educational Studies

The Educational Studies minor provides students opportunities to learn more about aspects of teaching and learning for use and application in non-formal and formal teaching settings and related professional fields. This minor focuses on helping students individually and collectively facilitate engaged learning, support social justice, communicate about environmental sustainability and engage in reflective practice as an educator. Students in the social sciences, natural sciences, and arts & humanities who aspire to work with broader publics would benefit from foundational skills, knowledge, and dispositions provided in the Educational Studies minor coursework and field experience. Note: The Educational Studies minor alone does not lead to a preK-12 Wisconsin teaching license.

Educational Studies Minor

Minor Requirements:

- EDU 125 - Foundations of Education **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 205 - Curriculum, Planning, and Assessment **3 Credits**
- EDU 210 - Teaching Environmentally **3 Credits**
- EDU 232 - Learning, Growth and Cognition **3 Credits**
- OED 221 - Group Process and Leadership **4 Credits**

One of the following:

- OED 279 - Access and Diversity **3 Credits**
- PSY 203 - Lifespan Developmental Psychology **3 Credits**
- PSY 233 - Social Psychology **3 Credits**

- SCD 220 - Sustainable Community Planning **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**

One of the following:

- EDU 291/491 Field Experience **3-4 Credits**
- EDU 292/492 Internship **3-4 Credits**

Total Educational Studies Minor: 25-27 Credits

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:

All of the following:

- CLM 244 - Understanding Climate Change **4 Credits**
- OED 261 - Foundations in Environmental Education **3 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 279 - Access and Diversity **3 Credits**

One of the following biology courses:

- BIO 106 - Environmental Science **4 Credits**
- BIO 115 - Investigating Life **4 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**

One of the following policy/public land courses:

- CLM 260 - Regional Climate Change Solutions **3 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 227 - Native Foodways **3 Credits**

- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NRS 215 - Natural Resources Principles and Policy **3 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 332 - Rethinking Economic Development **4 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SCD 422 - Capitalism, Justice, and Sustainability **3 Credits**

One of the following environmental literacy courses:

- BIO 222 - Spring Flora **4 Credits**
- BIO 224 - Entomology **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 226 - Field Parasitology **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 244 - Field Ornithology **4 Credits**

One of the following cultural/social competency courses:

- ENG 211 - Humanity and Nature in Literature **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- SCD 328 - Globalization and the Environment **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**

One of the following advanced topics in education courses:

- OED 361 - Interpretive Programming and Design **3 Credits**
- OED 363 - Applied Program Design & Delivery: Apostle Islands School **4 Credits**
- OED 385 - Urban Outdoor Education **3 Credits**
- OED 439 - Therapeutic Principles and Practices **4 Credits**
- OED 470 - Enduring, Emerging Issues in Outdoor Education **3 Credits**

Total Environmental Education Minor: 30-31 Credits

Environmental Humanities

Curious about what it means to be human in the world? Curious about the different ways that human cultures have envisioned the place of humanity in the natural world? Then this one might be the major for you. You'll focus on exploring the human condition and the human relationship to the natural world through the ideas, artistic movements, religions, ideologies, and intellectual structures that humans use to understand and give meaning to their existence. At the heart of this exploration is the commitment to delve into multiple perspectives from the humanities to understand ideas and attitudes toward the environment across multiple eras, regions, and cultures.

Gain a strong foundation in critical thinking, reading and interpretive skills, comparative study, and effective writing. When you leave campus, you'll be prepared for careers in the humanities, publishing, ministry, writing, public relations, public administration, nonprofit work, journalism, politics, government, and diplomatic service. You may also wish to pursue further study in graduate school.

Environmental Humanities Major (B.A.)

Environmental Humanities Major Requirements:

1. Students must take at least 36 credits worth of courses with ART, ENG, GWS, HIS, HUM, MLG, MUS, NAS, PHL, REL, or WRI prefixes. Among these credits, students must take:

No more than six 1-credit humanities courses;

At least 9 credits in each of three different programs (e.g. 3 HIS, 3 GWS and 3 ART courses, or 3 REL, 3 PHL and 3 ENG courses);

At least 9 credits at the 300 level or higher (not including IDS 480);

At least 21 credits of environmental courses from the list below:

- ART 265 - Nature Printing **3 Credits**
- ART 306 - Art Collaborations with Nature **3 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**

- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

At least 9 credits of social justice courses from the list below:

- ENG 384 - Literary Criticism **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**

One 3-Credit, prerequisite course for IDS 480 from the list below:

- ENG 384 - Literary Criticism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**

2. Students must take:

- IDS 480 - Senior Seminar **4 Credits**

Total Environmental Humanities Major: 40 Credits

Environmental Humanities Minor

Students must take 7 courses from the list below:

- ART 265 - Nature Printing **3 Credits**
- ART 306 - Art Collaborations with Nature **3 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

Total Credits: 21-22

Environmental Studies

To earn an environmental studies minor, students must complete the following requirements from the "Environmental Curriculum" component of the Liberal Education for the Environment & Society program:

* HIS 241 American Environmental History or HIS 242 European Environmental History (the course used to satisfy this requirement may not be used to satisfy other requirements for the minor);

* two courses representing different disciplines from the "Environmental Narratives" category;

* two courses representing different disciplines from "The Science of Environmental Issues" category;

*two courses representing different discipines from the "Communities, Policies, and Management of Environmental Issues" category;

* two courses or experiences representing different disciplines from the "Environmental Applications" cateogry.

In addition, at least two of the courses or experiences completed for the minor must be at the 300-level or higher, and no courses may be used to satisfy requirements in more than one category. Students must complete at least 27 credits for this minor.

Environmental Studies Minor

To earn an environmental studies minor, students must complete the following requirements from the "Environmental Curriculum" component of the Liberal Education for the Environment & Society program:

* HIS 241 American Environmental History or HIS 242 European Environmental History (the course used to satisfy this requirement may not be used to satisfy other requirements for the minor);

* two courses representing different disciplines from the "Environmental Narratives" category;

* two courses representing different disciplines from "The Science of Environmental Issues" category;

*two courses representing different discipines from the "Communities, Policies, and Management of Environmental Issues" category;

* two courses or experiences representing different disciplines from the "Environmental Applications" category.

In addition, at least two of the courses or experiences completed for the minor must be at the 300-level or higher, and no courses may be used to satisfy requirements in more than one category. Students must complete at least 27 credits for this minor.

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 Minor

Students must take 8 of the courses listed below:

At least four of those 8 must be from the core course list.

Core Courses:

- GWS 265 - Introduction to Gender and Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Other Courses:

- EDU 160 - Education for Social Justice **3 Credits**
- HIS 357 - Gender in Total War **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 279 - Access and Diversity **3 Credits**
- OED 385 - Urban Outdoor Education **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 345 - Culture and Revitalization **3 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 368 - Global Inequality **4 Credits**
- SOC 374 - Human Rights and Social Justice **3 Credits**
- * 490 - Independent Study **3-4 Credits**
- * 491 - Field Experience **3-4 Credits**
  *A 490 Independent Study or 491 Field Experience 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: 24-29 Credits

Music

Music ensemble and lesson courses are offered for students who wish to participate in musical activities for credit.

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, and the private sector.

Natural Resources Major (B.S.)

Major Requirements:

One of the following:

- BIO 106 - Environmental Science **4 Credits**
- BIO 115 - Investigating Life **4 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**

All of the following:

- BIO 234 - Ecology **4 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- GIS 201 - Introduction to Geographic Information Systems **4 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- NRS 215 - Natural Resources Principles and Policy **3 Credits**

One of the following:

- NRS 464 - Interdisciplinary Ecology of Wolves & Deer **4 Credits**
- NRS 480 - Integrated Ecosystem Management **4 Credits**

One of the following:

- PHL 226 - Environmental Ethics **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**

One of the following:

- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**

Emphases:

To complete a major in Natural Resources, choose one of the following emphases:

Conservation & Restoration of Ecosystems Emphasis:

Both of the following:

- NRS 345 - Ecological Restoration **4 Credits**
- BIO 410 - Conservation Biology **4 Credits**

One of the following:

- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- NRS 358 - Wetlands **4 Credits**

One of the following:

- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **3 Credits**
- GSC 120 - Physical Geology **4 Credits**

One of the following:

- GIS 301 - Intermediate GIS Applications **4 Credits**
- GIS 315 - Geodatabases **3 Credits**
- GIS 380 - Remote Sensing **4 Credits**
- MTH 207 - Biostatistical Modeling **4 Credits**

One of the following:

- NRS 335 - Forest Ecology and Management **4 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
  NRS 350 - Applied Ecological Restoration **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 365 - Conservation of Large Carnivores **3 Credits**

One of the following:

- BIO 222 - Spring Flora **4 Credits**
- BIO 224 - Entomology **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 and Soils **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 320 - Geomorphology **4 Credits**
- BIO 473 - Limnology **4 Credits**

Fisheries and Wildlife Ecology Emphasis:

- BIO 240 - Conservation Genetics **4 Credits**
- BIO 360 - Vertebrate Physiology **4 Credits**

- MTH 207 - Biostatistical Modeling **4 Credits**
- NRS 225 - Fisheries and Wildlife Techniques **4 Credits**

One of the following:

- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 349 - Fisheries Science and Management **4 Credits**

One of the following:

- BIO 224 - Entomology **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:

- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- BIO 473 - Limnology **4 Credits**
- NRS 335 - Forest Ecology and Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**

One of the following (if not taken above):

- BIO 410 - Conservation Biology **4 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 349 - Fisheries Science and Management **4 Credits**
- NRS 365 - Conservation of Large Carnivores **3 Credits**

Forestry Emphasis:

- BIO 222 - Spring Flora **4 Credits**
- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- NRS 266 - Forest Mensuration **4 Credits**
- NRS 335 - Forest Ecology and Management **4 Credits**
- NRS 347 - Sustainable Forest Management **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**

One of the following:

- GIS 301 - Intermediate GIS Applications **4 Credits**
- MTH 207 - Biostatistical Modeling **4 Credits**

One of the following:

- GIS 260 - Global Positioning Systems **1 Credits**
- NRS 102 - Wildland Firefighter Training **1 Credits**

One of the following:

- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 222 - Sediments and Soils **4 Credits**

Total Natural Resources Major with Emphasis: 62-65 Credits

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 Minor

Minor Requirements

- OED 221 - Group Process and Leadership **4 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 276 - Foundation and Principles of Outdoor Education **3 Credits**
- OED 279 - Access and Diversity **3 Credits**

Technical Skills

Complete one of the following options:

Option One (7-8 credits)

- OED 261 - Foundations in Environmental Education **3 Credits**
  or
- EDU 210 - Teaching Environmentally **3 Credits**

  AND

Any four 1 credit outdoor skills courses

- OED 107 - Basic Canoeing **1 Credits**
- OED 108 - Basic Whitewater Paddling **1 Credits**
- OED 109 - Basic Sea Kayaking **1 Credits**
- OED 110 - Wilderness Navigation **1 Credits**
- OED 111 - Cross-country Skiing **1 Credits**
- OED 112 - Telemark & Backcountry Skiing **1 Credits**
- OED 114 - Basic Rock Climbing **1 Credits**
- OED 116 - Backpacking **1 Credits**
- OED 144 - Snowshoeing **1 Credits**
- OED 214 - Intermediate Rock Climbing **1 Credits**
- OED 237 - Woodscraft and Woodland Skills **1 Credits**

Option Two (13 credits)

Outoor Leadership Immersion Semester

- OED 237 - Woodscraft and Woodland Skills **1 Credits**
- OED 262 - Outdoor Leadership **5 Credits**
- OED 263 - Outdoor Living Skills **5 Credits**
- OED 264 - Technical Outdoor Skills **5 Credits**

Option Three (7-8 credits)

- OED 261 - Foundations in Environmental Education **3 Credits**
  or
- EDU 210 - Teaching Environmentally **3 Credits**

  AND
- OED 446 - Wilderness Instructor Training **4 Credits**

Option Four (6-7 credits)

- OED 261 - Foundations in Environmental Education **3 Credits**
  or
- EDU 210 - Teaching Environmentally **3 Credits**

  AND
- OED 330 - National Outdoor Leadership School Course **1-4 Credits**
  or
- OED 331 - Outward Bound Course **1 - 3 Credits**

Total Outdoor Education Minor: 19-26 Credits

Psychology and Social Sciences

Major coursework focuses on appreciating and understanding the human condition from a scientific, psychological point of view. Students completing the major in psychology and social sciences possess a breadth of knowledge pertaining to the major principles, theoretical approaches, and findings in psychology. Students develop the ability to not only understand psychological principles but to apply these principles, approaches and findings to individual, group, and social issues. Upon graduating, students will be ready to apply their knowledge and skill directly in the workforce or to pursue further interests in graduate studies.

Psychology minor coursework 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 emphasis 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.

The Sociology and Social Justice minor is grounded in the discipline of Sociology but recognizes that numerous disciplines contribute to the study and practice of Social Justice. Social Justice focuses on the distribution of wealth, opportunities, and privileges within a society where individuals' rights are recognized and protected. Students fulfilling this minor will learn about the historical and contemporary theories and movements of social justice, and how they relate to human rights, distributive justice, and self-determination. Students will leave this minor highly educated, and capable of understanding diverse people. Graduates can go on to pursue graduate training, or start work immediately in either the private sector or NGO organizations. Graduates will gain skills that will foster their ability to become professors, social workers, counselors, educators, entrepreneurs, NGO workers, journalists, public policy experts, or community activists.

Psychology and Social Sciences Major (B.S.)

Major Requirements

- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- PSY 110 - General Psychology **4 Credits**
- PSY 448 - Capstone **4 Credits**

One of the following:

- PSY 335 - Experimental Psychology **4 Credits**
- SOC 370 - Social Science Research Methods **4 Credits**

One of the following:

- PSY 291/491 - Field Experience **3 Credits**
- PSY 292/492 - Internship **3 Credits**

18 additional credits of any PSY course

8-9 additional credits from the list below:

- Any GWS Course
- Any SCD Course
- Any SOC Course
- BUS 361 - Organizational Behavior **3 Credits**
- BUS 320 - Intermediate Quantitative Methods **4 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 279 - Access and Diversity **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**

Total Psychology & Social Sciences Major: 45-46 Credits

Psychology Minor

Minor Requirements:

- PSY 110 - General Psychology **4 Credits**
- Two 200-level PSY courses **6 Credits**
- One 300-level PSY course **3 Credits**

Additional Requirements:

An additional 9 to 10 credits from one or more of the following categories:

- Any PSY course not previously completed
- MTH 107 - Statistical Concepts and Analysis **4 Credits**

Total Psychology Minor: 22-23 Credits

Sociology and Social Justice Minor

Minor Requirements:

- SOC 336 - The Nature of Social Inequality **4 Credits**

One of the following:

- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 225 - Social Problems **3 Credits**

One of the following:

- SOC 374 - Human Rights and Social Justice **3 Credits**
- SOC 472 - Advanced Justice Studies **4 Credits**

Two of the following:

- EDU 160 - Education for Social Justice **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 332 - Rethinking Economic Development **4 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 422 - Capitalism, Justice, and Sustainability **3 Credits**
- SCD 430 - Sustainable Development Theory **4 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**

Two of the following:

- ENG 384 - Literary Criticism **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**

- GWS 343 - Queer Ecologies **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- Any discipline of the courses below as long as the focus is relevant to Social Justice. Requires approval from program coordinator and course instructor.
  490 - Independent Study **3-4 Credits**
  491 - Field Experience **3-4 Credits**
  492 - Internship **3-4 Credits**

Total Sociology and Social Justice Minor: 23-26 Credits

Sustainable Agriculture

You will learn about sustainable agriculture from humanities, social science, and natural science perspectives; explore the production and distribution of food on field trips, in the campus gardens, and in the classroom; and will put that knowledge into practice during a field-based practicum course with local farmers and community partners. The environmental impacts of both conventional and sustainable agriculture is a recurrent theme.

Sustainable Agriculture and Food Systems Minor

Minor Requirements:

All of the following:

- FSS 101 - Vegetable Farming and Gardening **1 Credits**
- FSS 104 - Greenhouse and Hoophouse **1 Credits**
- FSS 132 - Food Preparation and Preservation **3 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- FSS 243 - Sustainable Agriculture Practicum **4 Credits** **OR** FSS 492 - Internship (with campus partner in Food Sov/Environmental Justice) **3 Credits**

Five of the following:

- BIO 107 - Nutrition **4 Credits**
- BIO 138 - Foundations of Cell Biology **4 Credits**
- BIO 222 - Spring Flora **4 Credits**

- BIO 224 - Entomology **4 Credits**
- BIO 225 - Aquatic Invertebrates **4 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 235 - Biology of Organisms **4 Credits**
- BIO 242 - Ichthyology **4 Credits**
- BIO 245 - Mammalogy **4 Credits**
- BIO 328 - Vegetative Communities of Northern Wisconsin **4 Credits**
- BIO 330 - Genetics **4 Credits**
- BIO 331 - Microbiology **4 Credits**
- BUS 359 - Entrepreneurship **3 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- CLM 244 - Understanding Climate Change **4 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 222 - Sediments and Soils **4 Credits**
- GSC 233 - Earth Resources **4 Credits**
- GSC 305 - Hydrology **4 Credits**
- GSC 406 - Aqueous Environmental Geochemistry **4 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 229 - Field Based Indigenous Food Sovereignty **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NRS 215 - Natural Resources Principles and Policy **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 328 - Globalization and the Environment **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**

Total Sustainable Agriculture and Food Systems Minor - 27-33 Credits

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:

- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- ECN 263 - Essentials of Economics **4 Credits**
- SCD 412 - Sustainable Development Studio **4 Credits**
- SCD 430 - Sustainable Development Theory **4 Credits**
- SCD 480 - Senior Capstone in SCD **4 Credits**

One of the following:

- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- IDS 201 - Data Literacy **4 Credits**

One of the following:

- SOC 370 - Social Science Research Methods **4 Credits**
- SOC 481 - Qualitative Research Methods **4 Credits**

Six additional SCD-prefix courses of 3-credits or more, four of which must be 300-level or higher; including but not limited to, the following courses:

- SCD 160 - Renewable Energy & Sustainable Design **3 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 328 - Globalization and the Environment **3 Credits**
- SCD 332 - Rethinking Economic Development **4 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SCD 345 - Culture and Revitalization **3 Credits**
- SCD 355 - The Just City in Practice **3 Credits**
- SCD 360 - International Development **3 Credits**

- SCD 365 - Workforce Development **3 Credits**
- SCD 422 - Capitalism, Justice, and Sustainability **3 Credits**

Up to 2 CELL courses below could be used to meet the above requirement:

- SCD 270 - Crossroads Thinking: Problem Solving for the 21st Century **3 Credits**
- SCD 271 - Service Learning: Sustainability Through Community **3 Credits**
- SCD 272 - Sustainability: Secrets of Simplicity **3 Credits**
- SCD 274 - Human Ecology: Relations Between Humans and the Environment **3 Credits**
- SCD 276 - Global Warming Change Course: Lesson from Iceland **3 Credits**

Total Sustainable Community Development Major: 45-46 Credits

Sustainable Community Development Minor

Minor Requirements:

All of the following:

- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 412 - Sustainable Development Studio **4 Credits**
- SCD 430 - Sustainable Development Theory **4 Credits**

At least 4 courses from options below (2 courses must be at the 300 level or above):

- Any SCD course not taken above

- SOC 370 - Social Science Research Methods **4 Credits**
  OR
- SOC 481 - Qualitative Research Methods **4 Credits**

Total Sustainable Community Development Minor: 24-28 Credits

Directed Studies

A directed studies major or minor is available for students who have an unusual breadth of academic preparation, a high level of motivation and perseverance, and the ability to assume independence in undertaking their academic work. Directed Studies majors and minors are designed by individual students in consultation with a faculty advisory committee.

Students who wish to declare a Direct Studies major or minor must complete a Directed Studies Application form and submit it to the Registrar's Office. The Academic Standings Committee reviews and, when appropriate, approves student applications to complete a Directed Studies major or minor.

See the Registrar's Office for the necessary form.

Directed Studies Major (B.S.)

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 must assemble a Faculty Advisory Committee to oversee their directed studies program. 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 the proposal is approved, the student is required to meet with his/her Faculty Advisory 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.A.)

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 must assemble a Faculty Advisory Committee to oversee their directed studies program. 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 the proposal is approved, the student is required to meet with his/her Faculty Advisory 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

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 must assemble a Faculty Advisory Committee to oversee their directed studies program. 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 the proposal is approved, the student is required to meet with his/her Faculty Advisory 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.

General Education

General Education: Liberal Education for the Environment & Society

Liberal Education for the Environment & Society

Northland College integrates liberal arts studies with an environmental emphasis, enabling those it serves to address the challenges of the future. Consistent with this mission, the College's Liberal Education for the Environment & Society program prepares students to be leaders in understanding, communicating, and acting upon the complexity of environmental issues, and in working to understand and address societal dynamics that create and are influenced by environmental issues.

The program is designed to assure that students develop . . .

- foundational skills in written communication and mathematics;
- a breadth of disciplinary learning characteristic of a liberally educated individual;
- an understanding of diversity, inequality, prejudice, and discrimination; and
- an understanding of natural systems and the complex relationships between human endeavors and the natural world.

Completion of the program is a graduation requirement for Northland College students, and those who successfully complete the program will also have satisfied many of the requirements for an environmental studies minor. Courses taken to satisfy requirements in the Liberal Arts Curriculum may also satisfy requirements in the Environmental Curriculum and vice-versa; however, students must earn at least 30 credits overall to complete the Liberal Education for the Environment & Society Program.

Overview: Liberal Education for the Environment and Society

LIBERAL ARTS CURRICULUM

- Foundational Skills
    - ENG 110 College Writing (or equivalent proficiency through assessment)
    - Writing Intensive Courses
    - Math Proficiency
    - Quantitative Reasoning
- Disciplinary Learning
    - Natural Sciences
    - Social Sciences
    - Arts & Humanities
- Diversity & Justice

ENVIRONMENTAL CURRICULUM

- Environmental Narratives
- The Science of Environmental Issues
- Communities, Policies, and Management of Environmental Issues
- Environmental Applications

Liberal Arts Curriculum

Foundational Skills

To assure a solid foundation in written communication and mathematical skills, students are required to fulfill the following requirements:

ENG 110 College Writing

or equivalent proficiency through assessment

Writing Intensive Courses

Four writing intensive courses are required. These courses may also fulfill other requirements in the liberal arts or environmental sections of the program.

- ART 403 - Senior Portfolio **3 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- BIO 480 - Biology Senior Seminar **3 Credits**
- BUS 475 - Strategic Planning and Policy Capstone **3 Credits**
- CHM 444 - Physical Chemistry Lab **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- CLM 364 - Land-Atmosphere Interactions **4 Credits**
- CLM 480 - Seminar in Climate Science **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 338 - Practicum 2 **1-4 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 126 - Confluences: Reading and Writing in the Lake Superior Watershed **3 Credits**
- ENG 140 - Food for Thought **4 Credits**

- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 225 - Major American Authors **3 Credits**
- ENG 230 - Literature and Medicine **3 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 235 - Monsters, Modern and Postmodern **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 262 - Survey of British Literature **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 332 - Major American Authors II **3 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- ENG 377 - Green Romanticism **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 413 - Shakespeare **4 Credits**
- ENG 415 - Chaucer **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GSC 489 - Geoscience Senior Honors Thesis **2 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 320 - The Enlightenment **3 Credits**
- HIS 321 - The French Revolution **3 Credits**
- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- HIS 357 - Gender in Total War **3 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**

- NAS 283 - American Indian Literature **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- OED 361 - Interpretive Programming and Design **3 Credits**
- OED 439 - Therapeutic Principles and Practices **4 Credits**
- OED 472 - Accident Theory & Risk Management **3 Credits**
- OED 489 - Advanced Topics in Diversity and Inclusion **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 229 - Introduction to Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 330 - Philosophy of Language **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**
- PSY 233 - Social Psychology **3 Credits**
- PSY 234 - Theories of Personality **3 Credits**
- PSY 336 - Political Psychology **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- PSY 335 - Experimental Psychology **4 Credits**
- PSY 346 - Abnormal Psychology **3 Credits**
- PSY 448 - Capstone **4 Credits**
- REL 165 - Demons, Angels, & Ghosts **3 Credits**
- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 241 - Religion in America **3 Credits**
- REL 257 - Death and Dying **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 331 - Zen Buddhism **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- REL 410 - Sacred Space **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**

- SCD 480 - Senior Capstone in SCD **4 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 488 - Capstone in Sociology and Social Justice **4 Credits**
- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

Math Proficiency

An ACT math score of 17 or higher; SAT math score of 470 or higher; BUS 136 Financial Literacy for Everyone; or any MTH course.

Quantitative Reasoning Course

One of the following courses:

- BUS 136 - Financial Literacy for Everyone **3 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- MTH 106 - Environmental Mathematics **4 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- MTH 109 - Precalculus Mathematics **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- PHL 276 - Logic & Critical Thinking **3 Credits**

Disciplinary Learning

To assure a breadth of disciplinary learning characteristic of a liberally educated individual, students are required to complete two courses, each representing different disciplines, from each of the following categories (6 courses total):

Natural Sciences

Two courses required from different disciplines:

- BIO 106 - Environmental Science **4 Credits**
- BIO 115 - Investigating Life **4 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 244 - Understanding Climate Change **4 Credits**
- CLM 246 - Climate Change Impacts and Adaptation **4 Credits**
- CLM 260 - Regional Climate Change Solutions **3 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **3 Credits**

- GSC 120 - Physical Geology **4 Credits**
- PHY 102 - Ideas of Physics **3 Credits**
- PHY 104 - Introduction to Astronomy **4 Credits**
- PHY 106 - Physics for Life Sciences **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PSY 227 - Cognitive Psychology **3 Credits**
- PSY 340 - Evolutionary Psychology **3 Credits**
- PSY 342 - Psycholinguistics **3 Credits**
- PSY 366 - Neuropsychology **3 Credits**

Social Sciences

Two courses required from different disciplines:

- BUS 140 - Managing for Sustainability **3 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- ECN 220 - Macroeconomics in Context **3 Credits**
- ECN 221 - Microeconomics in Context **3 Credits**
- ECN 263 - Essentials of Economics **4 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- EDU 125 - Foundations of Education **3 Credits**
- EDU 232 - Learning, Growth and Cognition **3 Credits**
- GSC 262 - World Regional Geography **3 Credits**
- IDS 154 - Fake News, Forgeries, and Frauds **3 Credits**
- IDS 201 - Data Literacy **4 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- PSY 110 - General Psychology **4 Credits**
- PSY 203 - Lifespan Developmental Psychology **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- PSY 229 - Sport Psychology **3 Credits**
- PSY 336 - Political Psychology **3 Credits**
- PSY 241 - Positive Psychology **3 Credits**
- PSY 302 - Social Justice Policy **3 Credits**
- REL 210 - Exploring Religion and Spirituality **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 215 - Sociology of Community **3 Credits**
- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**

- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**
- SOC 370 - Social Science Research Methods **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 448 - Sociological Theory **4 Credits**

Arts & Humanities

Two courses required from different disciplines:

- ART 106 - Intro to Visual Communication **3 Credits**
- ART 111 - Drawing I **3 Credits**
- ART 112 - Drawing by Nature **3 Credits**
- ART 220 - Ceramics I **3 Credits**
- ART 222 - Ceramics Handbuilding **3 Credits**
- ART 226 - 3D Printing in Clay **3 Credits**
- ART 230 - Art History I **3 Credits**
- ART 231 - Art History II **3 Credits**
- ART 262 - Digital Photography I **3 Credits**
- ART 270 - Printmaking: Relief and Screen **3 Credits**
- ART 280 - Graphic Design I **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 126 - Confluences: Reading and Writing in the Lake Superior Watershed **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 225 - Major American Authors **3 Credits**
- ENG 230 - Literature and Medicine **3 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 235 - Monsters, Modern and Postmodern **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 332 - Major American Authors II **3 Credits**
- ENG 377 - Green Romanticism **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**
- ENG 415 - Chaucer **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 111 - History of World Civilizations to 1500 **3 Credits**

- HIS 112 - History of World Civilizations since 1500 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- IDS 154 - Fake News, Forgeries, and Frauds **3 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- MLG 105 - Elementary Spanish I **4 Credits**
- MUS 205 - Story of Jazz **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 121 - Introduction to Ojibwe Language I **3 Credits**
- NAS 122 - Introduction to Ojibwe Language II **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 231 - Native American Arts and Cultures **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 241 - Indigenous Museum Studies **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 229 - Introduction to Philosophy **3 Credits**
- PHL 230 - Ancient Greek Philosophy **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 282 - Contemporary Western Philosophy **3 Credits**
- PHL 330 - Philosophy of Language **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**

- REL 165 - Demons, Angels, & Ghosts **3 Credits**
- REL 174 - Religion and Science **3 Credits**
- REL 215 - Hebrew Bible and Jewish Origins **3 Credits**
- REL 216 - Jesus, Paul, and Christian Origins **3 Credits**
- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 220 - Myth and Ritual **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 230 - Asian Religions and Philosophies **3 Credits**
- REL 231 - Buddhism **3 Credits**
- REL 234 - Japanese Religious History **3 Credits**
- REL 235 - Daoism Seminar **4 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 241 - Religion in America **3 Credits**
- REL 257 - Death and Dying **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 260 - Utopias **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 331 - Zen Buddhism **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**

Diversity & Justice

To develop an understanding of diversity and of how inequality, prejudice, and discrimination can undermine justice, students must complete two courses that explore these topics as a substantial focus of their curricula.

- BUS 415 - The Inclusive Workplace **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- ENG 415 - Chaucer **4 Credits**
- GWS 265 - Introduction to Gender and Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**

- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- IDS 280 - Japanese Religions & Culture **4 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- MLG 105 - Elementary Spanish I **4 Credits**
- MLG 106 - Elementary Spanish II **4 Credits**
- MLG 205 - Intermediate Spanish I **4 Credits**
- MLG 206 - Intermediate Spanish II **4 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 121 - Introduction to Ojibwe Language I **3 Credits**
- NAS 122 - Introduction to Ojibwe Language II **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 231 - Native American Arts and Cultures **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 241 - Indigenous Museum Studies **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- OED 489 - Advanced Topics in Diversity and Inclusion **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- PSY 302 - Social Justice Policy **3 Credits**
- PSY 315 - Theories of Counseling Psychology **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- PSY 343 - Legal Psychology **3 Credits**
- PSY 344 - Wrongful Convictions **3 Credits**
- REL 165 - Demons, Angels, & Ghosts **3 Credits**

- REL 210 - Exploring Religion and Spirituality **3 Credits**
- REL 215 - Hebrew Bible and Jewish Origins **3 Credits**
- REL 216 - Jesus, Paul, and Christian Origins **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 234 - Japanese Religious History **3 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- REL 341 - Theologies of Liberation **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 345 - Culture and Revitalization **3 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**
- SOC 325 - Environmental Health and Sustainability **3 Credits**
- SOC 332 - Crime, Deviance, and Social Justice **3 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 374 - Human Rights and Social Justice **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 472 - Advanced Justice Studies **4 Credits**

Environmental Curriculum

To assure an understanding of the substance and complexity of environmental issues, students must complete five courses from at least three of the following categories: Environmental Narratives, the Science of Environmental Issues, Communities, Policies, and Management of Environmental Issues, and Environmental Applications. Students who transfer 27 credits or more to Northland are required to complete three courses from at least two of the four environmental curriculum categories.

Environmental Narratives

Courses in this category focus on narratives that individuals and cultures have created to describe, understand, and justify their relationships and interactions with the natural world. Through these courses, students develop their ability to recognize, understand, and critique these narratives.

- ART 112 - Drawing by Nature **3 Credits**
- BUS 327 - Marketing for Sustainability **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- NRS 365 - Conservation of Large Carnivores **3 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 363 - Applied Program Design & Delivery: Apostle Islands School **4 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- REL 174 - Religion and Science **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 260 - Utopias **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

The Science of Environmental Issues

Courses in this category emphasize a scientific perspective on the environment. Through these courses, students develop an ability to apply scientific methodologies to investigations, analyses, quantitative procedures, and understandings of environmental issues.

- BIO 106 - Environmental Science **4 Credits**

- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 360 - Vertebrate Physiology **4 Credits**
- BIO 410 - Conservation Biology **4 Credits**
- BIO 473 - Limnology **4 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- CHM 220 - Organic Chemistry I **4 Credits**
- CHM 221 - Organic Chemistry II **4 Credits**
- CHM 225 - Quantitative Analysis **4 Credits**
- CHM 240 - Inorganic Chemistry **4 Credits**
- CHM 326 - Atmospheric Chemistry **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 244 - Understanding Climate Change **4 Credits**
- CLM 246 - Climate Change Impacts and Adaptation **4 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- CLM 364 - Land-Atmosphere Interactions **4 Credits**
- CLM 386 - Monitoring Climate Change **4 Credits**
- GIS 201 - Introduction to Geographic Information Systems **4 Credits**
- GIS 380 - Remote Sensing **4 Credits**
- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **3 Credits**
- GSC 120 - Physical Geology **4 Credits**
- GSC 233 - Earth Resources **4 Credits**
- GSC 312 - Paleoclimate: Past as Prologue **4 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 349 - Fisheries Science and Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 464 - Interdisciplinary Ecology of Wolves & Deer **4 Credits**
- SCD 160 - Renewable Energy & Sustainable Design **3 Credits**
- SOC 325 - Environmental Health and Sustainability **3 Credits**

Communities, Policies, and Management of Environmental Issues

Courses in this category focus on the role that communities, governments, organizations, or groups play in environmental issues. Through these courses, students develop an understanding of how these different entities function as well as an appreciation for how they might contribute to environmental issues and their resolutions.

- BIO 106 - Environmental Science **4 Credits**
- BIO 410 - Conservation Biology **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CLM 260 - Regional Climate Change Solutions **3 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- EDU 210 - Teaching Environmentally **3 Credits**

- GSC 264 - Water Resources and Policy **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- IDS 248 - Great Lakes Water Wars **3 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NRS 215 - Natural Resources Principles and Policy **3 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 464 - Interdisciplinary Ecology of Wolves & Deer **4 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 261 - Foundations in Environmental Education **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PSY 336 - Political Psychology **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 222 - Rural Development **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SOC 215 - Sociology of Community **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**

Environmental Applications

Courses in this category integrate intellectual inquiry with emotional, social, or physical engagement in nature or environmental issues. Through these courses, students develop an appreciation for ways of knowing and understanding beyond those grounded solely in intellectual approaches. They also develop their ability to integrate theoretical and applied learning when addressing complex questions and issues.

- ART 280 - Graphic Design I **3 Credits**
- ART 306 - Art Collaborations with Nature **3 Credits**
- BIO 473 - Limnology **4 Credits**
- BUS 140 - Managing for Sustainability **3 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- CHM 321 - Advanced Organic/Inorganic Chemistry **3 Credits**
- CLM 480 - Seminar in Climate Science **3 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**

- EDU 471 - Student Teaching - Elementary **6 - 12 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GSC 260 - Geology of the Lake Superior Region **4 Credits**
- GSC 284 - On the Trail of the Ice Age **4 Credits**
- GSC 482 - Wyoming Geology Field Camp **4 Credits**
- GSC 483 - Great Lakes Geology Field Camp **4 Credits**
- IDS 120 - Superior Connections Practicum **3 Credits**
- IDS 160 - Wood as a Resource: Boat Building **3 Credits**
- IDS 180 - Lake Superior Circumnavigation **4 Credits**
- FSS 243 - Sustainable Agriculture Practicum **4 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- MET 255 - Broadcast Meteorology Practicum **3 Credits**
- MET 282 - Microclimate Field Camp **3 Credits**
- NRS 347 - Sustainable Forest Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- OED 263 - Outdoor Living Skills **5 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 332 - Winter Travel and Living Skills **3 Credits**
- OED 361 - Interpretive Programming and Design **3 Credits**
- OED 363 - Applied Program Design & Delivery: Apostle Islands School **4 Credits**
- OED 385 - Urban Outdoor Education **3 Credits**
- OED 439 - Therapeutic Principles and Practices **4 Credits**
- OED 446 - Wilderness Instructor Training **4 Credits**
- PHY 102 - Ideas of Physics **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- PSY 345 - Cognition in the Wild **4 Credits**
- SCD 355 - The Just City in Practice **3 Credits**
- SCD 412 - Sustainable Development Studio **4 Credits**
- SCD 481 - Applied Research Practicum **4 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- Internships or Field Experiences focused on environmental or societal issues;

Credits / Units: 3 or 4 credits

- SOC 325 - Environmental Health and Sustainability **3 Credits**

Liberal Education Equivalencies

Students who enroll at Northland with college credits earned at other institutions may fulfill some or all of the liberal education requirements through transfer equivalencies. This includes both first-time freshmen who earned college credit while in high school and transfer students. Individual transfer evaluations will indicate which requirements, if any, have been met through these equivalencies.

AP and CLEP tests can be utilized to fulfill course requirements.

Admission Information

Applications for admission to Northland College are evaluated individually to assess each student's preparedness for both academic success and the ability to become a contributing member of the Northland College learning community.

Admission Criteria for First Year Students

Applications for admission are accepted on a rolling basis. Northland is test-optional and practices holistic review. Each applicant is primarily evaluated on the basis of high school curriculum, cumulative grade-point average, and, if provided, ACT or SAT test scores. Before individual admissibility can be determined by the Office of Admissions, applicants must submit the following:

1. A Northland College Application for Admission or the Common Application;
2. An unofficial or official copy of high school transcripts;

Applicants for admission to Northland College should have a minimum cumulative, unweighted high school grade-point average of at least 2.5/4.0 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 and/or an interview may be required for these students.

Admission Criteria for Transfer Students

Applications for admission from students with previous college experience are welcomed. Transfer students may begin enrollment at Northland in either the Fall (early September) or Winter (early January) terms.

Applications for transfer admission are evaluated on the basis of college curriculum, college credit accumulation, and cumulative college grade-point average. Before individual admissibility can be determined by the Office of Admissions, applicants must submit the following:

1. A Northland College Application for Admission or the Common Application;
2. An unofficial or official college transcript from all institutions attended.

Any college credits completed with a C- (70%) or better are considered for credit transfer. Transfer students should have a minimum cumulative gpa of 2.5/4.0 and be in good academic standing at their last institution attended. Students with college academic records below these standards may be considered for admission if other factors indicate their potential for academic success in college. Letters of recommendation, an interview and/or final high school transcript or equivalent and test scores may be required for these students.

Proof of High School Completion

As part of the enrollment process, incoming students are required to submit proof of high school completion. Self-certification by the student or unofficial copies of transcripts are not sufficient. The Office of Financial Aid at Northland College will not disburse financial aid to the student's account until proof of high school completion is on file.

At Northland College, a student must be admitted as degree-seeking, self-certify on the FAFSA that they have a high school diploma, GED or was home-schooled, and submit all requested documentation to the Northland College Office of Admissions and/or Northland College Office of Financial Aid, as specified.

Any student that is admitted to Northland College that is unable to provide proof of high school completion will lose their eligibility to receive financial aid until they document eligibility based on federal regulations.

Enrollment Deposit

A $200 enrollment deposit fee must be received by the College once a student is accepted and decides to enroll. The deposit is nonrefundable. The tuition deposit portion of $100 will be applied to the student's account after the add/drop date. The room deposit portion of $100 will be kept by the College to defray the cost of wear and tear to residential facilities. A student who pays their deposit and then decides to defer entry to a later term must pay another $200 fee to recommit.

Transfer of Credits

- Military
- Test-Out Options

A student entering Northland College, after having attended a postsecondary institution for any length of time, must provide Northland College with official transcripts for all prior, postsecondary coursework. Transcripts must be sent directly from the postsecondary institution of origin electronically or through the mail. Hand delivered or emailed from the student are not considered official transcripts. Failure to provide official transcripts from all institutions attended will result in an administrative hold being placed on a student's ability to register for courses at Northland.

The Registrar's Office will prepare a course-by-course evaluation of the submitted transcripts to determine credit transfer. College-level courses from institutions accredited by a regional accrediting agency at the time the course work was completed as well as some work evaluated by the American Council on Education (ACE) will be considered for transfer. For more information, on the acceptance of ACE credit, see Military and Test-Out Options.

Courses completed at a postsecondary institution outside of the United States must be evaluated by an international evaluation agency prior to submission to Northland College. The official international course-by-course evaluation is paid by the student and must be made in advance of the evaluation. Contact the Registrar's Office for information on approved evaluating agencies.

All courses are evaluated for credit transfer on a course-by-course basis, and a grade of C- or better must have been earned in a course for it to be accepted for transfer credit. 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 were 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.

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; however, to earn a Northland College degree, 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.

Courses that were repeated are counted only once. If a student is awarded transfer credit for a course and then repeats the course at Northland, the transferred course will remain on the student's record; however, it will no longer count toward credits earned or graduation requirements.

In addition to a course-by-course evaluation, previously completed courses will be evaluated for possible equivalency to our general education requirements. 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 general education requirements upon entry to Northland.

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.

Military

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 United States Armed Forces Institute. Northland College grants credit for military training based on the recommendations of the American Council on Education. For more information, contact the Registrar's Office.

Test-Out Options

Students may accelerate the earning of college credit through test-out programs. These programs offer the option of earning college credit in areas where the student demonstrates a sufficient degree of knowledge and understanding.

The test-out programs approved by Northland College are the following:

- Advanced Placement (AP) examination taken at the high school level (minimum score of 3 required to receive credit);
- International Baccalaureate (IB) program;
- College Level Examination Program (CLEP), available through Lake Superior College or designated testing centers throughout the United States (minimum score of 50 required to receive credit).

To earn credits for AP, IB, or CLEP examinations, an official score report must be sent directly to Northland College from the appropriate agency.

Northland College follows the recommendations of the American Council on Education in regards to awarding credit based on the scores earned on AP and CLEP exams.

A maximum of 30 credits from the test-out option may be applied toward a Northland College degree, and credits are not awarded for passing competency exams provided by other colleges.

For more information on test-out programs, contact the Registrar's Office.

Degree Requirements

In order to receive a baccalaureate degree from Northland College, a student must complete a major field of study, fulfill the requirements for the General Education program, 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 general education curricula;
- 42 to 75 credits in a declared major field of study; and
- 13 to 52 elective credits or credits in an optional declared major or minor field of study.

To complete a degree, students must also:

- earn 124 credits overall;
- earn a grade point average of at least 2.00 on a scale of 4.00 for all coursework (2.75 for students pursuing teacher licensure or a teacher certification minor);
- 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);
- successfully complete all course requirements within declared major;
- earn at least 20 credits in the major at Northland College;
- earn at least 6 credits in the minor at Northland College;
- earn 30 of the total required credits at Northland College;
- earn 20 of the final 30 credits at Northland College;
- complete a senior capstone course or experience at Northland College.

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, research assistantship, or teaching assistantship credits may be applied towards requirements for the baccalaureate degree, with the exception of the Outdoor Education major;
- 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 progress toward meeting degree requirements, each student is ultimately responsible for determining and completing the academic credits they need to satisfy the degree requirements.

Second Baccalaureate Degree

A second baccalaureate degree may be earned by Northland College graduates. The following provisions apply:

- a 30-credit minimum is earned at Northland beyond all of the credits and degree requirements for the first baccalaureate degree, and any repeated courses do not count toward the 30 credits (For students who earned their first degree at Northland, this means that a minimum of 154 credits must be earned to qualify for a second degree.);
- a student may not earn two of the same degrees (e.g. two B.A.'s or two B.S.'s) from Northland College, and double majors within the same degree category lead to one degree with two majors listed, regardless of how many credits are earned;
- students should complete all requirements for the second degree within four semesters of attendance at Northland, and exceptions to this policy must be cleared with the Registrar's Office prior to the first semester of enrollment.

General Education

General Education: Liberal Education for the Environment & Society

Liberal Education for the Environment & Society

Northland College integrates liberal arts studies with an environmental emphasis, enabling those it serves to address the challenges of the future. Consistent with this mission, the College's Liberal Education for the Environment & Society program prepares students to be leaders in understanding, communicating, and acting upon the complexity of environmental issues, and in working to understand and address societal dynamics that create and are influenced by environmental issues.

The program is designed to assure that students develop . . .

- foundational skills in written communication and mathematics;
- a breadth of disciplinary learning characteristic of a liberally educated individual;
- an understanding of diversity, inequality, prejudice, and discrimination; and
- an understanding of natural systems and the complex relationships between human endeavors and the natural world.

Completion of the program is a graduation requirement for Northland College students, and those who successfully complete the program will also have satisfied many of the requirements for an environmental studies minor. Courses taken to satisfy requirements in the Liberal Arts Curriculum may also satisfy requirements in the Environmental Curriculum and vice-versa; however, students must earn at least 30 credits overall to complete the Liberal Education for the Environment & Society Program.

Overview: Liberal Education for the Environment and Society

LIBERAL ARTS CURRICULUM

- Foundational Skills
  - ENG 110 College Writing (or equivalent proficiency through assessment)
  - Writing Intensive Courses
  - Math Proficiency
  - Quantitative Reasoning
- Disciplinary Learning
  - Natural Sciences
  - Social Sciences
  - Arts & Humanities
- Diversity & Justice

ENVIRONMENTAL CURRICULUM

- Environmental Narratives
- The Science of Environmental Issues
- Communities, Policies, and Management of Environmental Issues
- Environmental Applications

Liberal Arts Curriculum

Foundational Skills

To assure a solid foundation in written communication and mathematical skills, students are required to fulfill the following requirements:

ENG 110 College Writing

or equivalent proficiency through assessment

Writing Intensive Courses

Four writing intensive courses are required. These courses may also fulfill other requirements in the liberal arts or environmental sections of the program.

- ART 403 - Senior Portfolio **3 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- BIO 480 - Biology Senior Seminar **3 Credits**
- BUS 475 - Strategic Planning and Policy Capstone **3 Credits**
- CHM 444 - Physical Chemistry Lab **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- CLM 364 - Land-Atmosphere Interactions **4 Credits**
- CLM 480 - Seminar in Climate Science **3 Credits**
- EDU 337 - Practicum 1 **1-4 Credits**
- EDU 338 - Practicum 2 **1-4 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 126 - Confluences: Reading and Writing in the Lake Superior Watershed **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 225 - Major American Authors **3 Credits**
- ENG 230 - Literature and Medicine **3 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 235 - Monsters, Modern and Postmodern **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 262 - Survey of British Literature **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 332 - Major American Authors II **3 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- ENG 377 - Green Romanticism **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 413 - Shakespeare **4 Credits**
- ENG 415 - Chaucer **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GSC 489 - Geoscience Senior Honors Thesis **2 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**

- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 320 - The Enlightenment **3 Credits**
- HIS 321 - The French Revolution **3 Credits**
- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- HIS 357 - Gender in Total War **3 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- OED 361 - Interpretive Programming and Design **3 Credits**
- OED 439 - Therapeutic Principles and Practices **4 Credits**
- OED 472 - Accident Theory & Risk Management **3 Credits**
- OED 489 - Advanced Topics in Diversity and Inclusion **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 229 - Introduction to Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 330 - Philosophy of Language **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**
- PSY 233 - Social Psychology **3 Credits**
- PSY 234 - Theories of Personality **3 Credits**
- PSY 336 - Political Psychology **3 Credits**

- PSY 331 - Ecopsychology **3 Credits**
- PSY 335 - Experimental Psychology **4 Credits**
- PSY 346 - Abnormal Psychology **3 Credits**
- PSY 448 - Capstone **4 Credits**
- REL 165 - Demons, Angels, & Ghosts **3 Credits**
- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 241 - Religion in America **3 Credits**
- REL 257 - Death and Dying **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 331 - Zen Buddhism **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- REL 410 - Sacred Space **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 480 - Senior Capstone in SCD **4 Credits**
- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 488 - Capstone in Sociology and Social Justice **4 Credits**
- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

Math Proficiency

An ACT math score of 17 or higher; SAT math score of 470 or higher; BUS 136 Financial Literacy for Everyone; or any MTH course.

Quantitative Reasoning Course

One of the following courses:

- BUS 136 - Financial Literacy for Everyone **3 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- MTH 106 - Environmental Mathematics **4 Credits**
- MTH 107 - Statistical Concepts and Analysis **4 Credits**
- MTH 109 - Precalculus Mathematics **4 Credits**
- MTH 140 - Calculus I **4 Credits**
- PHL 276 - Logic & Critical Thinking **3 Credits**

Disciplinary Learning

To assure a breadth of disciplinary learning characteristic of a liberally educated individual, students are required to complete two courses, each representing different disciplines, from each of the following categories (6 courses total):

Natural Sciences

Two courses required from different disciplines:

- BIO 106 - Environmental Science **4 Credits**
- BIO 115 - Investigating Life **4 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 244 - Understanding Climate Change **4 Credits**
- CLM 246 - Climate Change Impacts and Adaptation **4 Credits**
- CLM 260 - Regional Climate Change Solutions **3 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **3 Credits**
- GSC 120 - Physical Geology **4 Credits**
- PHY 102 - Ideas of Physics **3 Credits**
- PHY 104 - Introduction to Astronomy **4 Credits**
- PHY 106 - Physics for Life Sciences **4 Credits**
- PHY 110 - General Physics I **4 Credits**
- PSY 227 - Cognitive Psychology **3 Credits**
- PSY 340 - Evolutionary Psychology **3 Credits**
- PSY 342 - Psycholinguistics **3 Credits**
- PSY 366 - Neuropsychology **3 Credits**

Social Sciences

Two courses required from different disciplines:

- BUS 140 - Managing for Sustainability **3 Credits**
- BUS 226 - Essentials of Economics **4 Credits**
- ECN 220 - Macroeconomics in Context **3 Credits**
- ECN 221 - Microeconomics in Context **3 Credits**
- ECN 263 - Essentials of Economics **4 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- EDU 125 - Foundations of Education **3 Credits**
- EDU 232 - Learning, Growth and Cognition **3 Credits**
- GSC 262 - World Regional Geography **3 Credits**
- IDS 154 - Fake News, Forgeries, and Frauds **3 Credits**
- IDS 201 - Data Literacy **4 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 265 - Teaching & Facilitation Skills **3 Credits**
- OED 279 - Access and Diversity **3 Credits**

- PSY 110 - General Psychology **4 Credits**
- PSY 203 - Lifespan Developmental Psychology **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- PSY 229 - Sport Psychology **3 Credits**
- PSY 336 - Political Psychology **3 Credits**
- PSY 241 - Positive Psychology **3 Credits**
- PSY 302 - Social Justice Policy **3 Credits**
- REL 210 - Exploring Religion and Spirituality **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 215 - Sociology of Community **3 Credits**
- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**
- SOC 370 - Social Science Research Methods **4 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 448 - Sociological Theory **4 Credits**

Arts & Humanities

Two courses required from different disciplines:

- ART 106 - Intro to Visual Communication **3 Credits**
- ART 111 - Drawing I **3 Credits**
- ART 112 - Drawing by Nature **3 Credits**
- ART 220 - Ceramics I **3 Credits**
- ART 222 - Ceramics Handbuilding **3 Credits**
- ART 226 - 3D Printing in Clay **3 Credits**
- ART 230 - Art History I **3 Credits**
- ART 231 - Art History II **3 Credits**
- ART 262 - Digital Photography I **3 Credits**
- ART 270 - Printmaking: Relief and Screen **3 Credits**
- ART 280 - Graphic Design I **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**
- ENG 111 - Living with Nature: Writing and Inquiry **3 Credits**
- ENG 126 - Confluences: Reading and Writing in the Lake Superior Watershed **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**

- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 225 - Major American Authors **3 Credits**
- ENG 230 - Literature and Medicine **3 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 235 - Monsters, Modern and Postmodern **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 264 - Survey of American Literature **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 332 - Major American Authors II **3 Credits**
- ENG 377 - Green Romanticism **3 Credits**
- ENG 384 - Literary Criticism **3 Credits**
- ENG 387 - The English Language **4 Credits**
- ENG 415 - Chaucer **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 111 - History of World Civilizations to 1500 **3 Credits**
- HIS 112 - History of World Civilizations since 1500 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 221 - History of Medieval Europe **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 334 - Ideology in the 20th Century **3 Credits**
- IDS 154 - Fake News, Forgeries, and Frauds **3 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- MLG 105 - Elementary Spanish I **4 Credits**
- MUS 205 - Story of Jazz **3 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 121 - Introduction to Ojibwe Language I **3 Credits**
- NAS 122 - Introduction to Ojibwe Language II **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 231 - Native American Arts and Cultures **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 241 - Indigenous Museum Studies **3 Credits**

- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 229 - Introduction to Philosophy **3 Credits**
- PHL 230 - Ancient Greek Philosophy **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PHL 282 - Contemporary Western Philosophy **3 Credits**
- PHL 330 - Philosophy of Language **3 Credits**
- PHL 360 - Concepts of Nature **3 Credits**
- REL 165 - Demons, Angels, & Ghosts **3 Credits**
- REL 174 - Religion and Science **3 Credits**
- REL 215 - Hebrew Bible and Jewish Origins **3 Credits**
- REL 216 - Jesus, Paul, and Christian Origins **3 Credits**
- REL 219 - The Nature of Religious Experience **3 Credits**
- REL 220 - Myth and Ritual **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 230 - Asian Religions and Philosophies **3 Credits**
- REL 231 - Buddhism **3 Credits**
- REL 234 - Japanese Religious History **3 Credits**
- REL 235 - Daoism Seminar **4 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 241 - Religion in America **3 Credits**
- REL 257 - Death and Dying **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 260 - Utopias **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 331 - Zen Buddhism **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- WRI 224 - News Writing & Reporting **3 Credits**
- WRI 260 - Introduction to Creative Writing **3 Credits**

Diversity & Justice

To develop an understanding of diversity and of how inequality, prejudice, and discrimination can undermine justice, students must complete two courses that explore these topics as a substantial focus of their curricula.

- BUS 415 - The Inclusive Workplace **3 Credits**
- EDU 160 - Education for Social Justice **3 Credits**
- EDU 289 - Children and Adolescent Literature **3 Credits**
- EDU 376 - Strategies for Teaching Diverse Learners **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 213 - Literature of the Western Worlds **3 Credits**
- ENG 216 - The Contemporary Novel **3 Credits**
- ENG 217 - Contemporary Third World Literature **4 Credits**
- ENG 233 - Women of the Third World **3 Credits**
- ENG 234 - Dystopias: Ecology & Gender in SciFi **4 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- ENG 415 - Chaucer **4 Credits**
- GWS 265 - Introduction to Gender and Women's Studies **3 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 331 - Feminist Theory **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 260 - Gender in Modern Europe **3 Credits**
- HIS 263 - History of the Middle East **3 Credits**
- HIS 270 - The Holocaust **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- IDS 280 - Japanese Religions & Culture **4 Credits**
- IDS 315 - Comparative Race Studies **3 Credits**
- MLG 105 - Elementary Spanish I **4 Credits**
- MLG 106 - Elementary Spanish II **4 Credits**
- MLG 205 - Intermediate Spanish I **4 Credits**
- MLG 206 - Intermediate Spanish II **4 Credits**
- NAS 100 - Introduction to Native American Studies **3 Credits**
- NAS 121 - Introduction to Ojibwe Language I **3 Credits**
- NAS 122 - Introduction to Ojibwe Language II **3 Credits**
- NAS 160 - Lake Superior Ojibwe **3 Credits**
- NAS 211 - Native American History and Experience **3 Credits**
- NAS 212 - Wisconsin Indian Cultures, History, and Contemporary Issues **3 Credits**
- NAS 216 - Indigenous Representations **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 231 - Native American Arts and Cultures **3 Credits**
- NAS 236 - Indigenous Film and Media **3 Credits**
- NAS 241 - Indigenous Museum Studies **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**

- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 283 - American Indian Literature **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 340 - Indigenous Gender Studies **3 Credits**
- NAS 342 - Gender in Indigenous Borderlands **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- OED 279 - Access and Diversity **3 Credits**
- OED 489 - Advanced Topics in Diversity and Inclusion **3 Credits**
- PHL 225 - Ethics **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 240 - Political Philosophy **3 Credits**
- PSY 266 - Human Sexuality **3 Credits**
- PSY 302 - Social Justice Policy **3 Credits**
- PSY 315 - Theories of Counseling Psychology **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- PSY 343 - Legal Psychology **3 Credits**
- PSY 344 - Wrongful Convictions **3 Credits**
- REL 165 - Demons, Angels, & Ghosts **3 Credits**
- REL 210 - Exploring Religion and Spirituality **3 Credits**
- REL 215 - Hebrew Bible and Jewish Origins **3 Credits**
- REL 216 - Jesus, Paul, and Christian Origins **3 Credits**
- REL 225 - Magic, Medicine, and Miracle **3 Credits**
- REL 229 - Judaism, Christianity, & Islam **3 Credits**
- REL 234 - Japanese Religious History **3 Credits**
- REL 240 - Jesus in Popular Cultures **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 270 - Religion and Human Rights **3 Credits**
- REL 315 - History of Christian Cultures **3 Credits**
- REL 330 - History of Islamic Cultures **3 Credits**
- REL 340 - Sex and Religion **3 Credits**
- REL 341 - Theologies of Liberation **3 Credits**
- SCD 110 - Introduction to Sustainable Community Development **4 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 135 - Seminar in Media, Politics & Change **4 Credits**
- SCD 320 - The History of Planning and Development **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**
- SCD 345 - Culture and Revitalization **3 Credits**
- SOC 111 - Introduction to Sociology **4 Credits**
- SOC 225 - Social Problems **3 Credits**
- SOC 234 - Sociology of Gender **3 Credits**
- SOC 236 - Sociology of Sexuality **4 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**
- SOC 325 - Environmental Health and Sustainability **3 Credits**
- SOC 332 - Crime, Deviance, and Social Justice **3 Credits**

- SOC 336 - The Nature of Social Inequality **4 Credits**
- SOC 374 - Human Rights and Social Justice **3 Credits**
- SOC 381 - Undoing Racism **3 Credits**
- SOC 472 - Advanced Justice Studies **4 Credits**

Environmental Curriculum

To assure an understanding of the substance and complexity of environmental issues, students must complete five courses from at least three of the following categories: Environmental Narratives, the Science of Environmental Issues, Communities, Policies, and Management of Environmental Issues, and Environmental Applications. Students who transfer 27 credits or more to Northland are required to complete three courses from at least two of the four environmental curriculum categories.

Environmental Narratives

Courses in this category focus on narratives that individuals and cultures have created to describe, understand, and justify their relationships and interactions with the natural world. Through these courses, students develop their ability to recognize, understand, and critique these narratives.

- ART 112 - Drawing by Nature **3 Credits**
- BUS 327 - Marketing for Sustainability **3 Credits**
- ENG 140 - Food for Thought **4 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 211 - Humanity and Nature in Literature **3 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- ENG 241 - CLIFI: Climate Fiction **3 Credits**
- ENG 318 - Nature Writers **3 Credits**
- ENG 372 - Nature & Gender in Lat Am Lit **3 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GWS 266 - Ecofeminism **3 Credits**
- GWS 343 - Queer Ecologies **3 Credits**
- HIS 101 - United States History to 1865 **3 Credits**
- HIS 209 - Gender in the United States Landscape **3 Credits**
- HIS 215 - Black Natures **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 266 - American Material Culture/Objects in Everyday Life and History **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- HIS 325 - Nature and Nation: Environment, Art, Ideology **3 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 315 - American Indian Environmental Perspectives **3 Credits**
- NAS 362 - Native Women's Activism **3 Credits**
- NAS 380 - Indigenous Women Writers **3 Credits**
- NRS 365 - Conservation of Large Carnivores **3 Credits**

- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 363 - Applied Program Design & Delivery: Apostle Islands School **4 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 262 - Environmental Philosophy **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 270 - Philosophy of Science **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**
- REL 174 - Religion and Science **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- REL 260 - Utopias **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- WRI 273 - Writing the Environmental Essay **3 Credits**

The Science of Environmental Issues

Courses in this category emphasize a scientific perspective on the environment. Through these courses, students develop an ability to apply scientific methodologies to investigations, analyses, quantitative procedures, and understandings of environmental issues.

- BIO 106 - Environmental Science **4 Credits**
- BIO 128 - Natural History and Conservation in the Lake Superior Watershed **3 Credits**
- BIO 234 - Ecology **4 Credits**
- BIO 360 - Vertebrate Physiology **4 Credits**
- BIO 410 - Conservation Biology **4 Credits**
- BIO 473 - Limnology **4 Credits**
- CHM 103 - General Chemistry: The Chemistry of Food **4 Credits**
- CHM 110 - General Chemistry **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- CHM 220 - Organic Chemistry I **4 Credits**
- CHM 221 - Organic Chemistry II **4 Credits**
- CHM 225 - Quantitative Analysis **4 Credits**
- CHM 240 - Inorganic Chemistry **4 Credits**
- CHM 326 - Atmospheric Chemistry **4 Credits**
- CLM 125 - Introduction to Climate Science **4 Credits**
- CLM 244 - Understanding Climate Change **4 Credits**
- CLM 246 - Climate Change Impacts and Adaptation **4 Credits**
- CLM 280 - Climate Change and Food **3 Credits**
- CLM 364 - Land-Atmosphere Interactions **4 Credits**
- CLM 386 - Monitoring Climate Change **4 Credits**
- GIS 201 - Introduction to Geographic Information Systems **4 Credits**
- GIS 380 - Remote Sensing **4 Credits**
- GSC 107 - Geology and Agriculture **4 Credits**
- GSC 112 - Geoscience Issues of Lake Superior **3 Credits**
- GSC 120 - Physical Geology **4 Credits**
- GSC 233 - Earth Resources **4 Credits**

- GSC 312 - Paleoclimate: Past as Prologue **4 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 349 - Fisheries Science and Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 464 - Interdisciplinary Ecology of Wolves & Deer **4 Credits**
- SCD 160 - Renewable Energy & Sustainable Design **3 Credits**
- SOC 325 - Environmental Health and Sustainability **3 Credits**

Communities, Policies, and Management of Environmental Issues

Courses in this category focus on the role that communities, governments, organizations, or groups play in environmental issues. Through these courses, students develop an understanding of how these different entities function as well as an appreciation for how they might contribute to environmental issues and their resolutions.

- BIO 106 - Environmental Science **4 Credits**
- BIO 410 - Conservation Biology **4 Credits**
- CHM 145 - Atmospheric Pollution **4 Credits**
- CLM 260 - Regional Climate Change Solutions **3 Credits**
- ECN 310 - Environmental Economics **3 Credits**
- EDU 210 - Teaching Environmentally **3 Credits**
- GSC 264 - Water Resources and Policy **3 Credits**
- HIS 102 - United States History since 1865 **3 Credits**
- HIS 241 - American Environmental History **3 Credits**
- HIS 242 - European Environmental History **3 Credits**
- HIS 315 - American Foodways **3 Credits**
- IDS 248 - Great Lakes Water Wars **3 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- NAS 227 - Native Foodways **3 Credits**
- NAS 260 - Indigenous Environmental Justice **3 Credits**
- NAS 265 - Indigenous Perceptions of Water **3 Credits**
- NAS 306 - Global Indigenous Politics **3 Credits**
- NRS 215 - Natural Resources Principles and Policy **3 Credits**
- NRS 348 - Wildlife Ecology and Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- NRS 363 - Fire Ecology and Management **3 Credits**
- NRS 464 - Interdisciplinary Ecology of Wolves & Deer **4 Credits**
- OED 221 - Group Process and Leadership **4 Credits**
- OED 261 - Foundations in Environmental Education **3 Credits**
- PHL 226 - Environmental Ethics **3 Credits**
- PHL 266 - Environmental Aesthetics **3 Credits**
- PHL 280 - Nature & Technology **3 Credits**
- PSY 336 - Political Psychology **3 Credits**
- REL 258 - Religion and Nature **3 Credits**
- SCD 220 - Sustainable Community Planning **3 Credits**
- SCD 222 - Rural Development **3 Credits**
- SCD 230 - The Political Process **3 Credits**
- SCD 335 - Organizing Communities **3 Credits**

- SCD 342 - Policy and Econ of Climate Change **3 Credits**
- SOC 215 - Sociology of Community **3 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- SOC 260 - Introduction to Sociology - Superior Connections **4 Credits**

Environmental Applications

Courses in this category integrate intellectual inquiry with emotional, social, or physical engagement in nature or environmental issues. Through these courses, students develop an appreciation for ways of knowing and understanding beyond those grounded solely in intellectual approaches. They also develop their ability to integrate theoretical and applied learning when addressing complex questions and issues.

- ART 280 - Graphic Design I **3 Credits**
- ART 306 - Art Collaborations with Nature **3 Credits**
- BIO 473 - Limnology **4 Credits**
- BUS 140 - Managing for Sustainability **3 Credits**
- CHM 210 - Chemistry of Natural Waters **4 Credits**
- CHM 212 - Water Quality Lab Techniques **4 Credits**
- CHM 321 - Advanced Organic/Inorganic Chemistry **3 Credits**
- CLM 480 - Seminar in Climate Science **3 Credits**
- EDU 460 - Student Teaching - Secondary **6 - 12 Credits**
- EDU 471 - Student Teaching - Elementary **6 - 12 Credits**
- ENG 209 - The Story and the Stone **4 Credits**
- ENG 240 - Pens and Paddles in the North Woods **4 Credits**
- GSC 209 - The Story and the Stone **4 Credits**
- GSC 260 - Geology of the Lake Superior Region **4 Credits**
- GSC 284 - On the Trail of the Ice Age **4 Credits**
- GSC 482 - Wyoming Geology Field Camp **4 Credits**
- GSC 483 - Great Lakes Geology Field Camp **4 Credits**
- IDS 120 - Superior Connections Practicum **3 Credits**
- IDS 160 - Wood as a Resource: Boat Building **3 Credits**
- IDS 180 - Lake Superior Circumnavigation **4 Credits**
- FSS 243 - Sustainable Agriculture Practicum **4 Credits**
- FSS 334 - Sustainable Food Production **4 Credits**
- MET 255 - Broadcast Meteorology Practicum **3 Credits**
- MET 282 - Microclimate Field Camp **3 Credits**
- NRS 347 - Sustainable Forest Management **4 Credits**
- NRS 358 - Wetlands **4 Credits**
- OED 263 - Outdoor Living Skills **5 Credits**
- OED 228 - Wilderness Writers and Philosophers **3 Credits**
- OED 332 - Winter Travel and Living Skills **3 Credits**
- OED 361 - Interpretive Programming and Design **3 Credits**
- OED 363 - Applied Program Design & Delivery: Apostle Islands School **4 Credits**
- OED 385 - Urban Outdoor Education **3 Credits**
- OED 439 - Therapeutic Principles and Practices **4 Credits**
- OED 446 - Wilderness Instructor Training **4 Credits**
- PHY 102 - Ideas of Physics **3 Credits**
- PSY 331 - Ecopsychology **3 Credits**

- PSY 345 - Cognition in the Wild **4 Credits**
- SCD 355 - The Just City in Practice **3 Credits**
- SCD 412 - Sustainable Development Studio **4 Credits**
- SCD 481 - Applied Research Practicum **4 Credits**
- SOC 242 - Sociology of the Environment **3 Credits**
- Internships or Field Experiences focused on environmental or societal issues;

Credits / Units: 3 or 4 credits

- SOC 325 - Environmental Health and Sustainability **3 Credits**

Liberal Education Equivalencies

Students who enroll at Northland with college credits earned at other institutions may fulfill some or all of the liberal education requirements through transfer equivalencies. This includes both first-time freshmen who earned college credit while in high school and transfer students. Individual transfer evaluations will indicate which requirements, if any, have been met through these equivalencies.

AP and CLEP tests can be utilized to fulfill course requirements.

Pre-Professional Curricula

Pre-Professional Curricula

Pre-Veterinarian 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 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-veterinary advisor and to become familiar with the requirements of the veterinary schools to which they plan to apply. In general, though, the following coursework is recommended (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; one semester 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.

Pre-Health Care

Northland College has a solid track record of preparing students for admission to medical professions graduate schools. Our strength is in maintaining a high quality of instruction, but also encouraging our students to think critically and broadly as they pursue their particular interests. The American Association of Medical Colleges recommends a solid liberal education preparation for medical professions. Students who are passionate about human health care may choose to major in Biology or Chemistry, while taking courses that meet professional school admissions requirements. One particular major does not have an advantage over another for admission. Pre-professional students should be prepared for career alternatives and the suggested curricula for pre-medical, pre-dental, pre-physical therapy, and pre-physician assistant will prepare students for general graduate school admission if students decide to postpone pre-professional school or pursue another career path.

Successful admission to health care professional schools in medicine (MD and DO), dental, physical therapy, physician assistant, and nursing, requires careful and long-term planning. Students should plan time for extracurricular activities such as internships, research, job shadowing, paid positions, and volunteering that provide experience working with people or in some health care capacity. Students should also keep a record of hours spent with each activity because that information may be requested on the application.

Because entrance requirements change from year to year and differ among schools, students are encouraged to become familiar with the requirements of the professional schools to which they plan to apply, and to work closely with their academic advisor and the pre-medicine advisor to plan for the completion of courses required for their major(s) as well as by the professional schools. The following coursework should meet or exceed recommended prerequisites for most health care professional programs (note that AP or CLEP credit may not be accepted at some professional schools without taking additional college courses).

Pre-Nursing

two semesters of inorganic chemistry with lab; one semester of organic chemistry with lab; one semester of biochemistry; one semester of anatomy; one semester of physiology; one semester of statistics; one semester of microbiology; one semester of sociology; one semester of psychology; one semester of developmental psychology; one semester of writing.

Pre-Physical Therapy

one semester of anatomy; one semester of physiology; two semesters of chemistry; two semesters of physics; one semester of psychology one semester of abnormal and/or developmental psychology; one semester of statistics; one semester of calculus**; two elective courses in biology (microbiology, embryology, genetics).

Pre-Physician Assistant

two semesters of inorganic chemistry with lab; one semester of organic chemistry with lab; one semester of biochemistry; two semesters of physics with lab; one semester of calculus**; one semester of statistics; one semester physiology; one semester of anatomy; one semester of microbiology; one semester of psychology; 2 semesters of English writing and composition; Elective courses in biology (genetics, immunology, embryology, parasitology, medical terminology suggested).

Pre-Dental

two semesters of inorganic chemistry with lab; one semester of organic chemistry with lab; one semester of biochemistry; two semesters of physics with lab; one semester of calculus*; two semesters of biology (zoology and anatomy preferred); one semester of psychology; two semesters of English writing and composition: elective courses in biology (anatomy, cell biology, genetics, microbiology suggested), math, speech, humanities (including art) and social sciences; writing as a stand-alone course or another course with an extensive writing requirement.

Pre-Medicine (MD and DO)

two semesters of inorganic chemistry with lab; one semester 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); one semester of psychology; one semester of sociology; writing as a stand-alone course or another course with an extensive writing requirement.

Special Courses

Special courses include internships, independent studies, arranged courses, field experiences, senior theses, teaching assistantships, and research assistantships. Students may enroll in special courses provided they meet all eligibility criteria. These courses will not be added to a student's schedule until the appropriate form is completed and processed by the Registrar's Office.

To register for a special course, students must complete the appropriate registration form. This form needs to be completed in its entirety, including details regarding the course. The instructor for the special course must be a member of the academic department to which the course is being assigned. The Special Course Registration Form must be submitted to the Registrar's Office by the end of the add/drop period of the term in which a student will be participating in the special course.

Special courses are offered at the 200 and 400 course levels, with the exception of senior capstones, which are only offered at the 400 level. The difference between 200 and 400 level special courses is the rigor and application of skills and knowledge required to complete the course.

No more than 12 internship, field experience, research assistant, or teaching assistant credits may be applied towards requirements for the baccalaureate degree with the exception of the Outdoor Education major.

Field Experiences and Internships

Registration form: Internship and Field Experience Registration

A field experience or internship is a way to gain practical, hands-on work experience utilizing the theories and skills learned through the student's course of studies. Students may pursue such opportunities locally or elsewhere and may receive pay for their experiences. In addition to opportunities on campus, in the Chequamegon Bay area there are diverse opportunities available for student experiences with state and federal governmental agencies, non-profit organizations, for-profit organizations, tribal governments, municipalities, as well as with other organizations.

Students may receive academic credit for a field experience or internship. Students who wish to participate in either option must make arrangements with a faculty member to develop a description, goals, and evaluation criteria for the experience or internship. When a field experience or internship includes work with a cooperating organization, a supervisor from the cooperating organization must submit to the faculty member an evaluation halfway through and at the end of the student's experience to confirm that the student has met the pre-arranged criteria. The faculty member assigns 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 earn either a Satisfactory (S) or Unsatisfactory (U) grade. Internships and field experiences are treated like any other academic course with the work started and completed during the term in which the student is enrolled for credit.

Students should register for a field experience if the proposed experience

- will provide 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.

Students should register for an internship if the proposed experience

- will primarily increase the student's knowledge, 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.

For more information regarding field experiences or internships, contact your faculty advisor or the Student Career Advisor.

Independent Studies

Registration form: Special Course Registration Form

Students may pursue independent studies to investigate a topic or subject area of particular interest to the student. Students who elect to register for an independent study must be self-disciplined and highly motivated. Students must have specific objectives clearly defined for their independent study and work with a chosen faculty member, who will serve as a consultant and evaluator. Independent studies are only available to students in good academic standing who have a 3.0 cumulative grade point average. Students will receive a letter grade for the course.

Teaching and Research Assistantships

Registration form: Special Course Registration Form

With approval from the instructor, students may serve as a teaching or research assistant. As teaching assistants, students assist instructors in classroom activities, student training, or material preparation for a course in which they have 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 research assistants, students perform 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 receive letter grades for their work. Only students in good academic standing may serve as teaching or research assistants.

Senior Capstones & Senior Theses

Registration form: Special Course Registration Form

A senior capstone experience or course demonstrates the composite knowledge and skills that they have acquired and developed through their collegiate studies. To fulfill this requirement, students work with faculty in their major fields of study (or take a multi-disciplinary approach) to design a project that reflects senior-level work. Projects vary across disciplines and may include in-depth research or writing and presenting a paper similar to a graduate-level thesis. Public presentations in all disciplines are encouraged so students can share their knowledge with others.

Faculty members provide guidance for and assessment of capstones and theses. Some departments offer a senior capstone or thesis class, while others require students to register independently for a capstone or thesis using the Special Course Registration Form. See the listing of courses or your faculty advisor for more information regarding capstone and thesis options.

Arranged Courses

Registration form: Arranged Course Form

An arranged course is one that appears in the Northland College catalog; however, it is being provided to a student on an individual basis due to mitigating circumstances. An arranged course is allowed only in rare instances when a class

is required for graduation but has not fit into the student's course schedule or is no longer offered. An arranged course may not be used to meet a liberal education requirement or general elective. Students must be in good academic standing and will work with an instructor to complete a request for an arranged course.

Academic 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 week 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 semesters. 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.

Academic Achievement Awards

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.

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, students must earn a minimum of 48 letter-graded credits at Northland. 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. Students will graduate with honors if they have 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 3.90 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 semester. For purposes of the final transcript, honors are determined at degree completion.

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 includes a number of benefits and opportunities, including research grants, awards, resources for success, and access to a global network of professionals in the discipline. Membership is open to alumni and current undergraduate students who major or minor in psychology and meet the Psi Chi qualifications of leadership and excellence in their studies.

Academic Calendar 2024 - 2025

The 4-4-1 Calendar

A unique element in Northland's academic program is its calendar. The summer session is 12 weeks, fall and winter sessions are each 15 weeks, and the May session is 4 weeks in length. The summer session allows for extended time for field experiences and internships. Fall and winter sessions allow time for maturation of ideas in a program of varied courses. The shorter May session provides an opportunity for concentration through seminars, field experiences, travel abroad, independent study, and internships.

Summer Session 2024-25 (12 Weeks)

Summer term begins (Monday, 8 am)	June 3
Last day to add courses with faculty approval (4 pm)	June 12
Last day to drop courses without record (4 pm)	June 12
Deadline for prior fall session incomplete grades	June 14
Independence Day (no classes)	July 4
Last day to withdraw from courses (4 pm)	July 26
Last day of summer term	August 23
Final grades due (4 pm)	August 26

Fall Session 2024-25 (15 Weeks)

Residence halls open for new students (per scheduled arrival)	to be determined
Residence halls open for returning students (per scheduled arrival)	Septermber 2
Last day to add courses online (midnight)	September 3
Fall term begins	September 4
Last day to add courses with faculty approval (4 pm)	September 13

Last day to drop courses without record (4 pm)	September 13
Indigenous Peoples' Day - No Classes	October 14
Mid-term grades due (4 pm)	October 17
Due date for prior winter term incomplete grades	October 21
Last day to withdraw from a courses (4 pm)	November 1
Registration begins for winter and May sessions	November 4
Fall break begins	November 23
Due date for May session incomplete grades	November 25
Classes resume	December 2
Last day of fall term	December 13
Residence halls close for all students (7 pm)	December 13
Final grades due (4 pm)	December 16

Winter Session 2024-25 (15 Weeks)

Residence halls open for returning students	January 6
Last day to add courses online	January 7
Winter semester begins	January 8
Last day to add courses with faculty approval (4 pm)	January 17
Last day to drop courses without record (4 pm)	January 17
Martin Luther King Jr. Day (no classes)	January 20
Career Connections Expo (no classes 11am-3pm)	February 20
Due date for prior summer incomplete grades	February 24
Mid-session break begins	March 1
Mid-term grades due (4 pm)	March 6

Classes resume	March 10
Last day to withdraw from a course (4 pm)	March 14
Registration begins for summer and fall terms	March 24
Honors Day	April 9
Last day of winter term classes	April 18
Spring Holiday for staff only - classes will be held	April 18
Inter-session break begins	April 19
Final grades due (4 pm)	April 21

May Session 2024-25 (4 Weeks)

First day of classes (Monday, 8 am)	April 28
Last day to add courses with faculty approval (4 pm)	April 30
Last day to drop courses without record (4 pm)	April 30
Last day to withdraw from courses (4 pm)	May 9
Last day of classes/session	May 23
Commencement	May 24
Residence halls close (12 pm)	May 25
Memorial Day	May 26
Final grades due (4 pm)	May 27