

COURSE DESCRIPTIONS

*Courses cross-referenced between divisions.

DIVISION OF AGRICULTURE

AGRICULTURAL ECONOMICS (AGEC)

- 141 INTRODUCTION TO AGRI-BUSINESS MANAGEMENT 3
This is an introductory course dealing with the economic importance of the agribusiness community and the potential for employment with the agribusiness industry.
- 297 AGRICULTURE INTERNSHIP 1-3
This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the Agriculture degree plan.
- 299 AGRICULTURAL ECONOMICS SPECIAL TOPICS 1-3

ANIMAL AND RANGE SCIENCE (ARSC)

- 114 INTRODUCTION TO ANIMAL SCIENCE 3
General principles of the livestock industry and relationship to mankind.
- 140 INTRODUCTION TO BISON PRODUCTION 3
This course will be an introduction to bison production. Topics will include: history, role in the plains culture, anatomy and physiology, breeding and genetics and bison behavior and herd dynamics.
- 160 INTRODUCTION TO HORSEMANSHIP 3
This course will offer students the knowledge on horsemanship training and will provide a successful career in the vast world of the horse industry business.
- 161 BASIC HORSEMANSHIP SKILLS 3
This course will provide basic horsemanship skills to the students and demonstrate the knowledge on nutritional sources that a horse needs. Prerequisite ARSC 160 Horsemanship or concurrent enrollment.
- 162 HORSEMANSHIP NUTRITION & DISEASES 3
This course will provide the students the knowledge about the functions and properties of nutrients and effects of proper nutrition at the different stages of the life of a horse. Prerequisite: ARSC 160 Introduction to Horsemanship, ARSC161 Basic Horsemanship Skills or concurrent enrollment.

- 163 HORSEMANSHIP CONFIRMATION & ANATOMY 3
This course will offer the student the ability to select a horse, whether buying for pleasure or business.
- 164 INTRODUCTION TO VET CARE AND MANAGEMENT 3
This course will offer the students the knowledge in use and effects of different kinds of medications and dispense with documentation.
- 165 HORSEMANSHIP BUSINESS MANAGEMENT 3
This course will offer the student the opportunity to gain knowledge of the horse business industry.
- 220 LIVESTOCK PRODUCTION 3
General production and management of major meat animal species. Topics include: production systems, feeding, facilities, health, economics, and marketing.
- 236 INTRODUCTION TO RANGE MANAGEMENT 3
Principles of range management, which include plant identification, range evaluation, and range improvement.
- 240 BISON MANAGEMENT AND PRODUCTION 3
Topics will include feeding and nutrition; health, diseases and parasites; bison handling and facilities; marketing, productions and economics; and the future of bison.
- 299 ANIMAL AND RANGE SCIENCE SPECIAL TOPICS..... 1-3

PLANT SCIENCE (PLSC)

- 225 PRINCIPLES OF CROP PRODUCTION 3
This course will introduce the basic concepts and principles of crop production. Topics covered will include an introduction to the crops of the Northern Great Plains and their uses, crop and weed identification, crop and weed physiology, nutrition, fertilizers, growth stages, soil conservation and land management, cropping systems, seeding and harvest, storage of crops, diseases, pests, and safe use of pesticides and herbicides.
- 299 PLANT SCIENCE SPECIAL TOPICS..... 1-3

SOILS (SOIL)

- 210 INTRODUCTION TO SOIL SCIENCE 4
Physical, chemical, and biological properties of soils as related to use, conservation, and plant growth.

- 222 SOIL FERTILITY AND FERTILIZERS 2
Principles of plant nutrition and soil nutrient availability; soil testing and fertilizer recommendations and management. Macronutrient emphasis. Prerequisite: Soil 210 Introduction to Soil Science.
- 299 SOILS SPECIAL TOPICS 1-3
- 431 SOIL CONSERVATION MANAGEMENT 3
This course covers the conservation of soil and water resources. The management techniques necessary for conservation will be stressed. Erosion topics which will be covered are soil erosion, wind erosion, predicting soil loss, land use planning, cropping systems and tillage practices. Conservation structures, reclamation and irrigation management will be discussed. Soil and water pollution will also be covered. Prerequisite: Soil 210 Introduction to Soil Science.

DIVISION OF ARTS AND HUMANITIES

ART (ART)

- 106 INTRODUCTION TO JEWELRY AND TOOL MAKING 3
An introduction to the history of jewelry making and a variety of tool making techniques.
- 107 POTTERY I..... 3
A study of forms, methods, materials, and the characteristics of pottery. Basic hand-building techniques are explored in addition to contemporary concepts and ideas. Techniques of firing and kiln building. Native American history and culture will be emphasized.
- 110 INTRODUCTION TO ART 3
Lectures, films, slides of original works, discussions and demonstrations will be used to acquaint the student with the diverse dimensions of aesthetics, to discuss and analyze visual art forms as modes of expression; and to develop a basic understanding of the role of the visual arts in relation to one's culture.
- 121 INTRODUCTION TO WATERCOLOR 1-3
A basic course in watercolor with emphasis on materials and various techniques. This course will explore composition and color in an experimental approach to landscape, still life, figure and contemporary modes.
- 122 INTRODUCTION TO DESIGN 3
A course with emphasis on fundamental design and its application. The visual elements of line, space, mass, value, color and texture will be studied with an emphasis in Native American Art.

130	BASIC DRAWING	3
	Introduction to the technique of contour and gesture drawing. Principles of composition and design in figure, still life, and landscape. Media includes pencil, charcoal, pastels, pen and ink.	
145	QUILLWORK.....	3
	Students will begin this course gathering and sorting quills, collecting or selecting dye and drying quills. Methods of applying quills to leather, etc. Native American cultural and historic designs and color will be emphasized.	
146	BEADWORK.....	3
	This course will cover the basic stitches needed to complete beadwork used in Native American creations.	
220	PAINTING I.....	3
	This course is an introduction to painting in oil and acrylics. It will provide experience in using different types of painting surface, materials and various techniques. Students will gain exposure to some theories of color, design, and composition.	
221	PAINTING II.....	3
	Study of the techniques and concepts of painting, with an emphasis on design and creative expression. Students are encouraged to explore their own cultural background and experience. Prerequisite: ART 220 Painting I.	
243	SILVERSMITHING I	3
	A variety of techniques in silver will be explored including design layout, sawing, filing, soldering and finishing.	
244	SILVERSMITHING II	3
	Refinement of skills with emphasis on more complex designs, using a wider range of materials and techniques including casting. Prerequisite: ART 243 Silversmithing I.	
*245	NORTH AMERICAN INDIAN ART HISTORY.....	3
	This is a survey course exploring the arts of North American peoples from Paleolithic to contemporary times. Lectures, readings, audio-visual means, research and resource persons constitute the main learning activities.	
*246	TRADITIONAL LAKOTA/DAKOTA ART.....	3
	Lectures and demonstration of traditional arts forms. Students will complete the production of one piece in a selected media.	

- *247 NATIVE AMERICAN ART PROJECTS 3
Creation of art activity based on the five different cultural aesthetics: Northwest Coast Transformation Masks, Plains Style Parfleches, Southeastern Shell Carving, Woodlands Beadwork, and Southwest Pottery Designs. Students will be required to complete five (5) different projects.

- 250 BEGINNING PHOTOGRAPHY..... 3
This course will introduce students to basic 35millimeter regular and single lens reflex camera use and creative use of accessories. It will help students understand differences in films, lenses, filters, and other attachments to produce creative photographs. The course will help students to become more aware of light as it relates to photography and encourage students to incorporate Native American ideas into their pictures. The course will also teach students how to photography in crime scene investigating.

- 299 ART SPECIAL TOPICS..... 1-3

COMMUNICATIONS (COMM)

- 100 APPLIED COMMUNICATIONS 3
This course introduces students to public speaking and verbal communications in public settings and in work situations. It emphasizes the formal preparation, practices, and presentations of speeches before a live audience of peers. Topics for speeches will be career and/or work related.

- 110 SPEECH..... 3
Foundation course in skills of oral communication, including principles of leading and participating in group discussions, interviewing techniques, making introduction, and the preparation, organization, and delivery of all speech forms, both formal and informal. Native American issues and traditional Native American oratory are used.

- 299 COMMUNICATIONS SPECIAL TOPICS..... 1-3

ENGLISH (ENGL)

- 010 FOUNDATIONS OF ENGLISH..... 4
Reading and writing are complementary acts; strengthening the one also strengthens the other. In this class students will learn strategies for reading with understanding and writing with insight and clarity. These strategies include, among others, pre-reading techniques, editing, proofreading, and organizing ideas, paragraphs, and parts of sentences. Applying these strategies to reading and writing activities will strengthen the ability to evaluate a variety of texts and communicate individual own ideas. Laboratory required.

- 100 APPLIED ENGLISH..... 3
This course is designed to develop techniques and insight which will improve students' writing ability and thinking processes; these techniques include: knowing grammatical structure, using library resources, writing about the world of work, writing process papers and problem/solution papers based on work situations.
- 110 ENGLISH I..... 3
An introduction to the essay with emphasis on coherence, idea development, conciseness and style. Analytical reading and writing will also be introduced to the student. Assignments will range from short creative pieces to longer critical essays. Reviews of paragraph structure and fundamentals of composition as needed. Understanding of basic grammar, sentence structure, and paragraph development is assumed.
- 120 ENGLISH II..... 3
A continuation of the study of the essay with more emphasis on idea development and style. An introduction to research methods and writing which will culminate in a mid-size research paper. A strong understanding of the essay and all that is included in it is mandatory. Prerequisite: ENGL 110 English I.
- 206 PRACTICAL RESEARCH: PLANNING, DESIGNING, AND WRITING 2-3
Students studying the behavioral, social, and environmental science in addition to the various disciplines of the humanities will learn the practical process of research from initiating thesis inquiry to writing a completed project report using professional APA or MLA conventions.
- 211 CREATIVE WRITING 3
Exploration of creative writing techniques through poetry, short stories, and short dramatic pieces. Emphasis is placed on Native American forms of creative writing and resource materials.
- 220 INTRODUCTION TO LITERATURE 3
Introduction to the different genres of literature, emphasizing literary terms and nomenclature involved in all literacy forms (short stories, novel, drama, and poetry. Prerequisite ENGL 110 English I.
- 221 INTRODUCTION TO DRAMA 3
A survey of the world's greatest dramatic literature from Greek times to the present, including Native American dramatic expression. The history of playhouses and stagecraft, and other related arts of the theater are observed in connection with the study of world masterpieces.
- 238 CHILDREN'S LITERATURE 3
To provide a general survey of children's literature from its origins to the present.

- 241 WORLD LITERATURE..... 3
A study of the representative works of major writers throughout the world, especially looking at multi-cultural life views.
- 261 AMERICAN LITERATURE 3
A study of the representative works of major American writers from the Colonial Period through the present, including Native American writers.
- 299 ENGLISH SPECIAL TOPICS 1-3

HISTORY (HIST)

- 101 WESTERN CIVILIZATION TO 1500..... 3
A survey of the major economics, intellectual, political, social, geographical and religious developments from beginning of civilization through the Persian, Greek, and Roman Empires ending with the Middle Ages.
- 102 WESTERN CIVILIZATION SINCE 1500..... 3
A survey of the major economic, intellectual, political, and social developments in Europe from the Renaissance to recent times.
- 103 AMERICAN HISTORY TO 1865..... 3
An economic, intellectual, political and social survey of our nation including its colonial origins, the Revolution, the early growth of the nation, the issue of sectionalism, and the Civil War.
- 104 AMERICAN HISTORY SINCE 1865..... 3
An economic, intellectual, political and social survey of our nation since the Civil War period including the areas of reconstruction, industrialization and our increasing involvement in global responsibilities.
- *108 NATIVE AMERICAN HISTORY 3
This course will provide a general survey of Native American history from their original presence in the western hemisphere up to the beginning of the allotment era (1880s). The course will focus on the political, economic, social, and cultural forces that have characterized relations between Native and non-Native Americans over the nearly 400 years from 1492-1880.
- *109 NATIVE AMERICAN HISTORY..... 3
This course will provide a survey of Native American history from the era of forced assimilation and allotment to the contemporary period of self-determination and cultural revitalization. The course will focus on the political, economic, social, and cultural forces that have characterized relations between Native and non-Native Americans over the past 130 years.

- 211 WORLD CIVILIZATIONS TO 1500..... 4
An overview of the development of the world’s major civilizations from earliest times to 1500. The major focus is on how developments in societies in the Americas, the West, China, India, southwest Asia, and Africa developed and influenced each other.
- 212 WORLD CIVILIZATIONS SINCE 1500..... 4
This is a continuation of HIS 211 and examines the development of societies in and around the world since the Reformation. This course emphasizes the interactions of a globalized and interconnected world from this time to the present.
- 299 HISTORY SPECIAL TOPICS 1-3

HUMANITIES (HUM)

- 101 INTRODUCTION TO HUMANITIES 3
This introductory survey course to the humanities explores selected world pieces in various forms to study human expression and experience as it relates languages, linguistics, literature, history, jurisprudence, philosophy, archeology, comparative religions, ethics, the history, criticism and theory of arts and aspects of the social sciences examining problems and insights in different cultures.
- *202 NATIVE AMERICAN IMAGES IN FILM 3
This course will provide a critical examination of images and representations of Native Americans and their cultures in American film. The course will include relevant readings and analysis of particular films by non-native and indigenous film makers.
- 299 HUMANITIES SPECIAL TOPICS 1-3

MUSIC (MUSC)

- 100 MUSIC APPRECIATION 3
This class will attempt to increase the awareness and understanding of music through listening to and discussion of a wide variety of music. Students will review or learn basic elements of music critical to an appreciation of music through reading, lecture and hands-on activities.
- *110 LAKOTA MUSIC AND DANCE 3
This course will provide an introduction to the music and dance of the Lakota/Dakota. The course will include the traditional repertory, cultural context of musical and dance performance, musical styles and song types, dance styles, and study of dance regalia. Some comparative material from other Native American tribes will be included.

299 MUSIC SPECIAL TOPICS 1-3

LITERATURE (LIT)

*218 NATIVE AMERICAN LITERATURE 3
A study of various works by Native American writers within an historical framework, both from the oral and the written literacy tradition.

299 LITERATURE SPECIAL TOPICS..... 1-3

PHILOSOPHY (PHIL)

101 INTRODUCTION TO WESTERN PHILOSOPHY 3
This course will provide the student with a broad overview of both traditional and contemporary philosophical trends. Topics to be covered include: human nature, the human mind, and the concept of freedom.

201 INTRODUCTION TO ETHICS 3
A study of the development and nature of ethical norms and judgments and the problem of determinism versus freedom and responsibility.

*208 LAKOTA TRADITION, PHILOSOPHY, & SPIRITUALITY 3
This course is an examination of traditional Lakota/Dakota philosophical and spiritual beliefs, specializing in the study of documentation of the history and evolution of Lakota/Dakota ceremonies and rituals, as well as the “thought-in-practice” of traditional Lakota/Dakota medicine people.

299 PHILOSOPHY SPECIAL TOPICS..... 1-3

DIVISION OF BUILDING TRADES

BUILDING TRADES (BTT)

101 TECHNICAL/TRADES MATH..... 3
Application of math operations and calculations the carpenter will need to perform when constructing a building and preparing and estimate.

105 FRAMING AND EXTERIOR FINISHING 3
Identification of floor, wall and roof framing members, and layout and assemble house framing members. Estimate material for framing. Laboratory required.

111 FUNDAMENTALS OF CARPENTRY 2
The course will establish safety procedures, shop and site operations, the proper use and maintenance of tools, sizing and description of building materials and construction methods. Laboratory required.

- 115 CONSTRUCTION PRACTICUM I 4
 This course will include the safe and proper use of tools in various construction projects. The semester will conclude with the framing and enclosure of a residential building. Laboratory required. Prerequisite: Completion of or concurrent participation in BTT 101 Technical/Trades Math, BTT 105 Framing and Exterior Finishing, BTT 111 Fundamentals of Carpentry.
- 142 CONSTRUCTION PRACTICUM II 4
 This course is a practical building application, which includes insulation, drywall hanging, taping and texture, painting, installing interior doors and trim. Laboratory required. Prerequisite: Completion of or concurrent participation in BTT 251 Architectural Drafting, BTT 162 Interior Construction.
- 162 INTERIOR CONSTRUCTION..... 2
 This course will include the identification of interior framing techniques and procedures to include insulation, drywall and drywall finishing, doors and window trim. Laboratory required.
- 201 CONCRETE TECHNOLOGY 1
 This course discusses the use of concrete, reinforcing for footings and foundations, and making concrete estimations.
- 215 CONSTRUCTION PRACTICUM III 4
 This course will cover the building application which includes the safe and proper use of power tools, roofing and siding applications and additional experience in house framing. Laboratory required. Prerequisite: Completion of or concurrent participation in BTT 251 Architectural Drafting.
- 222 CONSTRUCTION ESTIMATING..... 2
 Upon completion of this course, the student will be able to prepare a detailed bill of materials for a residential building project.
- 232 ENERGY EFFICIENT CONSTRUCTION 1
 After completing this course, the student will be able to recognize and perform construction techniques which will enhance the energy usage for a new or retrofit project.
- 242 CONSTRUCTION PRACTICUM IV 4
 After completing this unit, the student will have the practical experience to perform interior finish procedures to industry standards. Laboratory required. Prerequisite: Completion of or concurrent participation in BTT 222 Construction Estimating, BTT 232 Energy Efficient Construction, BTT 262 Interior Finishing.

251	ARCHITECTURAL DRAFTING 4 This course is an introduction to architectural drafting and AutoCAD which defines what the carpenter needs to know in order to interpret a blueprint during construction.	
262	INTERIOR FINISHING 3 Students will identify and install all interior finish products such as window trim, extension jams, baseboards, handrails, and hardware. Laboratory required.	
299	BUILDING TRADES SPECIAL TOPICS..... 1-3	

DIVISION OF BUSINESS

BUSINESS ADMINISTRATION/MANAGEMENT (BAD)

101	INTRODUCTION TO BUSINESS 3 Introduction and analysis of the fundamental types of business organizations which include sole proprietorships, partnerships, and corporations. Includes the study of the accountability flow chart. This course will enable the student to study the comparative advantages and disadvantages unique to each type of organization and society's role in business. Emphasis on Native American heritage and culture.	
103	LEGAL ENVIRONMENT OF BUSINESS 3 Introduction and analysis of the legal environment of business. Includes governmental regulations, contracts and property regulations. Emphasis on Native American culture and heritage.	
201	PRINCIPLES OF ACCOUNTING I3 Introduction to the fundamentals of accounting including the classification of accounts, debits/credits, the basic financial statements, special journals, and adjusting and closing entries.	
202	PRINCIPLES OF ACCOUNTING II3 Fundamentals of accounting that include control of cash, receivables/payables, plant and intangible assets, payroll, inventories, partnerships, corporations. Prerequisites: BAD 201 Accounting I.	
203	PERSONAL AND SMALL BUSINESS FINANCE3 This is a basic course to assist students in problems of buying, money management, and in understanding their place as consumers in society. This course also includes practical application in banking services, investing, taxes, home ownership, credit cards, car ownership and business opportunities. Emphasis on Native American culture and heritage.	

- 208 ENTREPRENEURIAL MARKETING 3
 The course will help students examine the marketing strategies and methods used by start-up, early-stage companies, and small business enterprises. The objective of this course is to move away from the abstract and closer to the real environment. Therefore, we will be making extensive use of actual firm experiences via the case method and real-world observations. Students will also utilize hands-on experiences with writing and presenting. Emphasis on Native American culture and heritage.
- 211 PRINCIPLES OF SUPERVISION..... 3
 This course offers practical information relating to personnel issues. Course components include staffing, training, motivation, employee rights and responsibilities, and contractual agreements. Emphasis on Native American culture and heritage.
- 212 CONFLICT RESOLUTION 3
 Introduction to conflict resolution in business with consideration of positive and negative outcomes. Causes of conflict will be considered with mediation procedures that might be utilized. Emphasis on Native American culture and heritage.
- 219 ENTREPRENEURIAL BUSINESS MANAGEMENT..... 3
 Content includes how to plan, organize, and manage an entrepreneurial business. Students will develop the skills to compose a business plan. Topics such as human resource development, ethics, finance, entrepreneurship and risk management, pricing, advertising, and promotion will be covered. Emphasis on Native American culture and heritage.
- 223 PAYROLL ACCOUNTING 3
 A study of the various state and federal laws pertaining to payment of wages and salaries, preparation of employment records, payroll registers, employee earning records, time cards and state and federal reporting requirements. This course includes hands-on use of Excel. Prerequisite: CSCI 101 Introduction to Computer Applications, BAD 201 Principles of Accounting I
- 227 PROGRAM PLANNING..... 3
 Basic grant administration including compliance, federal regulations, review of non-profit and profit, and minimal fund accountability. Emphasis on Native American culture and heritage.
- 228 PROPOSAL WRITING 3
 This course introduces the step-by-step fundamentals for private sources and public agencies proposal requirements, with the objective of having students write a grant to be submitted for funding. Special emphasis will be placed on the needs of Native Americans since most funding is realized through grants and contracts.

- 229 GRANTS MANAGEMENT 3
 Concepts and methods for providing financial and programmatic accountability of public and private grants will be covered. Topics will include evaluation and reporting procedures. Emphasis on Native American culture and heritage.
- 297 BUSINESS ADMINISTRATION/MANAGEMENT INTERNSHIP 1-3
 This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the Business Administration degree plan.
- 299 BUSINESS ADMINISTRATION/MANAGEMENT SPECIAL TOPICS 1-3
- 301 PRINCIPLES OF MANAGEMENT 3
 This course covers the basic functions of a manager including planning, organizing, staffing, directing and controlling activities at all levels. It is designed to provide students with the information essential to develop a framework about management and to develop managerial knowledge and skill. Prerequisite: BAD 101 Introduction to Business, PSYC 101 Introduction to Psychology.
- 303 HUMAN RESOURCE MANAGEMENT 3
 This course offers undergraduate students a practical introduction to the function and responsibilities of human resource management within any company—from staffing the organization, enhancing motivation and employee performance, to overseeing compensation and benefits.
- 305 ORGANIZATIONAL BEHAVIOR 3
 A research approach to management with emphasis on understanding, prediction, and control of human behavior in the organization setting. Topics include individual behavior, interpersonal and group behavior, environmental adaptation, and organizational effectiveness. Prerequisite: BAD 101 Introduction to Business, BAD 303 Human Resource Management.
- 311 PRINCIPLES OF MARKETING 3
 A study of marketing techniques and practices. The topics include: Strategic marketing and its environment, using technology for customer relationships in a global environment, target market selection and research, customer behavior, product decisions, pricing decisions, distribution decisions, and promotion decisions.
- 333 BUSINESS WRITING 3
 A course of modern practices in preparing, planning, writing and dictating types of business letters, memos, and reports which is commonly required in business operations. Prerequisite: ENGL 120 English II, CSCI 101 Introduction to Computer Applications.

- 353 TAX PROCEDURES 3
 The course includes explanation and interpretation of the Internal Revenue Code in preparation and filing of federal income tax returns for individuals, partnerships, and corporations. Instruction includes VITA (Volunteer Income Tax Assistance) volunteer training and a computer lab component. Business topics include inventory, cost of goods sold, depreciation and business use of a home. Prerequisite: BAD 202 Accounting II
- 363 BUSINESS FINANCE..... 3
 A course study in management of Capital in Business including asset structure, risk, income, cash flows, working capital and long term financing with some emphasis on International finance. Prerequisite: ECON 201 Microeconomics, ECON 202 Macroeconomic, MATH 314 Applied Statistics.
- 401 NEW VENTURE 3
 The process of getting a new venture started, growing the venture, successfully harvesting it and starting again. The concepts of entrepreneurship and competencies, skills, know-how and experience those that are sufficient to pursue different entrepreneurial opportunities. Prerequisite: BAD 301 Principles of Management, BAD 311 Principles of Marketing, BAD 333 Business Writing, BAD 363 Business Finance.
- 405 BUSINESS LAW..... 3
 The course offers a basic explanation of the legal rights and responsibilities of people in both the public and private sectors. Prerequisite: BAD 103 Legal Environment of Business.
- 406 BUSINESS ETHICS 3
 A course covering the complex environment in which managers confront ethical decisions. Understanding how to recognize the different kinds of business ethical dilemmas and knowing why they occur. The course explores the cost to business and society of unethical and illegal behavior. Prerequisite: BAD 301 Principles of Management, BAD 311 Principles of Marketing, BAD 363 Business Finance.
- 434 WORLD BUSINESS 3
 A comprehensive coverage of a broad range of topics and the steps a business must take to go global. The course focuses on huge multi-national corporations as well as the small and medium-sized enterprises. It also compares and contrasts articles that present conflicting opinions on international issues such as globalization, trade, country differences, and global strategy. Prerequisite: BAD 301 Principles of Management, BAD 311 Principles of Marketing, BAD 363 Business Finance.

- 453 STRATEGIC MANAGEMENT 3
 This course provides a basis for integrating knowledge of various business disciplines. Skills developed are applied to the formation and implementation of strategic operation plans. The case study method is used throughout the course. Prerequisite: BAD 301 Principles of Management, BAD 311 Principles of Marketing, BAD 363 Business Finance, Senior Standing.
- 497 INTERNSHIP – FIELD STUDY..... 3
 This course is intended for the student nearing completion of a degree goal. This course involves a more intense participation and responsibility in the area of study of Business Administration. Prerequisite: Senior Standing or Department Chair Approval.
- 499 BUSINESS ADMINISTRATION/MANAGEMENT SPECIAL TOPICS..... 1-3

COMPUTER INFORMATION SYSTEMS (CIS)

- 162 SOFTWARE INSTALLATION: MS – WINDOWS 3
 This course provides the student with information concerning the installing and configuring of microcomputer software. Emphasis is placed on the installation, operating system and applications software. Prerequisite: CSCI 120 Survey of Computer Information Systems.
- 167 WINDOWS OPERATING SYSTEMS LEVEL I 1
 Provides information to the student concerning topics such as booting and shutting down the computer, navigating the desktop, start button features, and taskbar status.
- 168 WINDOWS OPERATING SYSTEMS LEVEL II 1
 Provides information to the student concerning the expanded capabilities of the Window Operating System. System tools, control panel utilities, and My Computer, Network Neighborhood, and Microsoft Exchange icons are presented. Prerequisite: CIS 167 Windows Operating Systems Level I.
- 180 CREATING WEB PAGES..... 3
 This course offers a comprehensive coverage of Adobe Dreamweaver CS3 and the creation of web sites. Prerequisite: CSCI 101 Introduction to Computer Applications.
- 221 INTRODUCTION TO LOCAL AREA NETWORKS 3
 This course provides the student with an overview of local area networks. Emphasis is placed on the elements of a local area network, current issues and products and use of a local area network. Topics also included are terminology, hardware and software components, connectivity, resources monitoring and sharing, electronic mail and messaging and security issues. Prerequisite: CSCI 120 Survey of Computer Information Systems and/or Permission of Instructor.

- 222 LOCAL AREA NETWORK PLANNING AND DESIGN 3
 This course provides the student with an analysis of the needs and requirements for a local area network (LAN). Emphasis of the course is placed on basic systems analysis and design for a local area network, selection of appropriate hardware and software components. The course also includes current and future issues, needs analysis, cost estimation, selection of connectivity and network components and issues relating to access, security and support. Prerequisite: CIS 221 Introduction to Local Area Networks.
- 225 MICROCOMPUTER SET UP AND MAINTENANCE 3
 This course provides the student with information concerning the installation and maintenance of a microcomputer. The course will cover steps used to set up new or add options to a previously installed microcomputer; Installation of internal options (memory, graphics, modems, etc.), as well as external options and devices (printers, monitors, communication, etc.); Troubleshoot microcomputer problems. Prerequisite: CSCI 120 Survey of Computer Information Systems.
- 226 COMPUTER CONFIGURATION AND ENHANCEMENT 3
 This course provides the student with information concerning the configuration and enhancement of a computer. Emphasis on configuration of hardware and software to optimize computer performance is stressed. Course content includes memory configuration and the identification and troubleshooting of configuration problems. Prerequisite: CIS 225 Microcomputer Set Up and Maintenance.
- 228 COMPUTER MAINTENANCE I: A+ PREP 3
 This course provides the student with information concerning the technical aspects of the microcomputer, including system setup (hardware and software) and basic troubleshooting. Emphasis is placed on basic troubleshooting, use of tools, hardware components and hardware/software interfacing. Prerequisite: CIS 225 Microcomputer Set Up and Maintenance.
- 296 A+ EXAM PREPARATION 3
 This course will provide the student proper training and preparation to take the A+ Industry Certification test. Prerequisite: All Information Technology Degree Plan Core and Particular Emphasis Courses, and Permission of Instructor.
- 297 COMPUTER INFORMATION SCIENCE INTERNSHIP 1-3
 This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the degree plan.
- 299 COMPUTER INFORMATION SCIENCE SPECIAL TOPICS 1-3

COMPUTER SCIENCE (CSCI)

- 101 INTRODUCTION TO COMPUTER APPLICATIONS..... 3
Emphasis will be placed on the use of microcomputers in business. Focus will be placed on the hardware (computer components) and software (operating system, word processing, database, and spreadsheets programs) used in business. Prerequisite: OT 100 Keyboarding or equivalent.
- 120 SURVEY OF COMPUTER INFORMATION SYSTEMS 3
This course provides the student with an overview of computer information systems, fundamental computer concepts and programming techniques. Hands-on experience with selected business software and one programming language is utilized.
- 299 COMPUTER SCIENCE SPECIAL TOPICS..... 1-3

OFFICE TECHNOLOGY (OT)

- 100 KEYBOARDING 3
An introduction to touch typing using a microcomputer keyboard. Emphasis will be placed on correct stroking techniques and on formatting simple business correspondence such as: letters, tables, and reports.
- 102 WORD PROCESSING I 3
Emphasis will be placed on advance formatting procedures of business correspondence, while focusing on the development of speed and accuracy. Prerequisite: OT 100 Keyboarding or equivalent (Keyboarding skills of at least 30 words per minute).
- 131 RECORDS MANAGEMENT 2
This course is an introduction to the principles and practices for creation and maintenance of a records management system. The rules applying to the alphabetic, subject, numeric, and geographic filing systems will be emphasized.
- 141 BUSINESS MATH 3
Review of fundamental math processes and their applications to business and marketing will be covered.
- 142 DATA ENTRY 2
The purpose of this course is to build speed and skill in the use of the 10-key numerical pad situated on enhanced computer keyboards.

- 152 ADMINISTRATIVE SUPPORT PROCEDURES 3
Introduction to the duties and responsibilities of administrative support personnel in today's modern office will be covered. Included will be projects that relate to office procedures, human relation skills, and office ethics. Prerequisite: OT 100 Keyboarding or equivalent.
- 203 LEADERSHIP 1
This course is designed to develop leadership qualities in an individual through small group sessions/projects, discussing case problems, and parliamentary procedures.
- 220 BUSINESS COMMUNICATIONS 3
This course will cover all forms of business communications including writing, reading, nonverbal, and listening skills. Prerequisite: ENGL 100 Applied English or equivalent.
- 262 WORD PROCESSING II 3
Introduction to the use of word processing software through the windows approach will be covered. Included will be production and storage of business documents, retrieval, editing of stored information, and more advanced features. Prerequisite: OT 102 Word Processing I or equivalent.
- 265 DESKTOP PUBLISHING 3
An introduction to the use of a software application to create documents such as flyers, announcements, newsletters, brochures, and other documents in-house. CSCI 101 Introduction to Computer Applications or equivalent.
- 270 SPREADSHEETS 3
To provide hands-on experience using a spreadsheet application software package to gather, organize, and summarize numeric business data. Prerequisite: CSCI 101 Introduction to Computer Applications or equivalent.
- 271 DATABASE MANAGEMENT 3
To provide hands-on experience using a database application software package to plan and design a database where information can be entered, stored, retrieved, and manipulated. Prerequisite: CSCI 101 Introduction to Computer Applications or equivalent.
- 274 TELECOMMUNICATIONS 3
This course will introduce the applications of different telecommunication methods and how they affect and facilitate the exchange of information. Emphasis will be placed on e-mail, Internet, and Interactive Video. Prerequisite: OT 102 Word Processing I or equivalent.

- 297 OFFICE TECHNOLOGY INTERNSHIP..... 1-3
 This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the Office Technology degree plan.
- 299 OFFICE TECHNOLOGY SPECIAL TOPICS..... 1-3

DIVISION OF EDUCATION

COMMUNICATION DISORDER (CD)

- 426 SPEECH/LANGUAGE DEVELOPMENT & DISORDER FOR THE TEACHER.... 3
 The study of speech-language development and disorders of children. Inter-relationships among personal, social, academic, speech and language skills are covered. Academic modifications and coordination with specialized personnel are emphasized. Prerequisite: SPD 200 Exceptional Children.

EARLY CHILDHOOD EDUCATION (ECE)

- 210 INTRODUCTION TO EARLY CHILDHOOD EDUCATION..... 2
 This course will explore the historical and philosophical foundation of the care and schooling of young children, ages 0 – 8. Attention will be given to current practices and concerns regarding young children. Career options in Early Childhood will be explored. Personal characteristics suitable for the profession will be reviewed.
- 211 INTRODUCTION TO ASSESSMENT..... 1
 Students will become oriented to the various types of assessment used to evaluate their success in the Early Childhood program of studies.
- 213 LANGUAGE & LITERACY DEVELOPMENT IN ECE..... 3
 This course will introduce students to the many aspects of language; such as how it is acquired, its function, how it develops, and various strategies to help support development and communication. Students will develop a language learning activity for presentation, which include speaking, writing, and listening.
- 228 DEVELOPING LEARNING ENVIRONMENTS 2
 This course will help students design classroom/daycare environments that enhance curriculum. Issues to be examined include child nutrition, growth, disease, accident prevention and indoor and outdoor safety. Environmental adaptations for children with special needs are included in this class.

- 233 PRE-K METHODS AND MATERIALS..... 3
 This course is designed to emphasize the importance of appropriate curriculum planning, materials, and strategies to use with young children and their families. The student will learn to apply creativity to the educational setting and design developmentally appropriate strategies utilizing play, art, music, movement, drama, and other creative concepts.
- 236 SOCIAL/EMOTIONAL DEVELOPMENT & GUIDANCE IN ECE 2
 This course will focus on developmentally appropriate, effective guidance and classroom management techniques for young children. Strategies for guiding behavior and the relationship between development, children’s behavior, culture, and the environment are presented.
- 238 CHILD, FAMILY & COMMUNITY RELATIONS 3
 This course is designed to integrate the diverse environments and relationships in which children develop the interactions that take place within and between environments. This course will stress the need for strategies of effective communication, the identification of family systems and dynamics, and the relationship in which parents and professionals work together as an instructional team. This course will include a comprehensive look at parent-school participation.
- 252 STAGES OF CHILD DEVELOPMENT 3
 This class examines the emotional, social, physical, cognitive, and language development of infants, toddlers, and preschoolers of diverse backgrounds. This course provides a hands-on guide for teacher/caregivers in determining the characteristics of typical and atypical development.
- 254 EARLY CHILDHOOD CURRICULUM AND METHODS..... 2
 This course is designed to assist students in developing meaningful curriculum and effective instructional methods for children ages 0 – 8. The emphasis will be on selecting developmentally appropriate topics of study, planning and implementing integrated curriculum and activities that are reflective of the children’s interests and which will foster development in all learning domains.
- 297 EARLY CHILDHOOD EDUCATION INTERNSHIP..... 1-3
 This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Students will only be allowed to complete internship within the last two semesters of the Early Childhood Education Associate’s degree plan.
- 299 EARLY CHILDHOOD EDUCATION SPECIAL TOPICS..... 1-3

- 304 FOUNDATIONS OF EARLY CHILDHOOD EDUCATION 3
 This course is a comprehensive overview of the sociological, historical, psychological, and philosophical foundations underlying the development and purposes of Early Childhood education.
- 310 DEVELOPMENT & DISORDERS IN EARLY CHILDHOOD SPECIAL EDUCATION 3
 This course covers all of the aspects of special education for the young child from a theoretical-developmental perspective. Attention is paid to the issues of special education's historical foundations, the growth and development of the discipline, working with families, assessment and intervention. The future special educator will gain a solid concept of exceptionality when compared to normal growth and development. The students will have a solid "knowledge-content-applications" approach from which to teach children from birth to eight years old with special needs.
- 315 EARLY CHILDHOOD MATH AND SCIENCE METHODS 3
 This class is designed to teach strategies that engage children in learning in learning mathematical concepts and the use of science processing.
- 320 EARLY CHILDHOOD SOCIAL STUDIES METHODS 3
 This class includes the study of teaching and skill development including mythology, curriculum and global issues, computer assisted instruction and management, assessment, and evaluation for children ages 0 – 8.
- 322 ADMINISTRATION & LEADERSHIP IN ECE 3
 This class explores aspects of administering early childhood programs. Program development focusing on local state regulation, financing, personnel management, environmental design, and staff development will be examined.
- 325 READING AND LANGUAGE ARTS METHODS 4
 This class includes an investigation and analysis of the role of language arts of speaking, listening, reading, and writing, along a developmental continuum for children ages 0 – 8.
- 330 OBSERVATION/ASSESSMENT TECHNIQUES IN EARLY CHILDHOOD 3
 Students will become acquainted with various techniques of child observation. The students will record and disseminate observations to aid in curriculum planning, behavior management, and parent collaboration.
- 337 INCLUSION IN EARLY CHILDHOOD SETTINGS 3
 By helping the early childhood educators understand the basic needs of disabled children they will be better able to meet all children's needs.

- 338 PLAY AND THE SOCIAL ENVIRONMENT IN ECE 2
 Play is one of the main vehicles by which children assimilate their experiences with the world around them. During this class, students will discover how to successfully use play to enhance learning.
- 362 EARLY CHILDHOOD HUMANITIES 2
 The study of aesthetic and physical development of young children ages 0 – 8 will be included in this class. The course will provide an opportunity for students to develop knowledge and skills in ways of creating a positive environment for the creative, physical, psychological and social growth of young children.
- 428 ISSUES IN EARLY CHILDHOOD EDUCATION..... 3
 This course is designed to be the culminating course in the Early Childhood program with emphasis on research and technology. Students will research and write about a topic in Early Childhood of their choice. Prerequisite: Must be within one semester of ECE 497 Internship - Field Study.
- 497 EARLY CHILDHOOD INTERNSHIP – FIELD STUDY 12
 This internship prepares Early Childhood majors with the opportunity to work alongside a profession in Early Childhood. During the field study period, the student will observe, develop lessons while under the tutelage of a professional and eventually be in charge of the setting with either a daycare group or a group in preschool. Students must have completed their coursework prior to enrolling in the internship. Prerequisite: Permission of Division of Education.
- 499 EARLY CHILDHOOD EDUCATION SPECIAL TOPICS..... 1-3

EDUCATION (EED)

- 250 INTRODUCTION TO EDUCATION 2
 This course is designed for students who are planning to major in education, with an emphasis on Lakota thought, philosophy, and culture. The course consists of two components: a) orientation to the teacher education program; b) observing experienced teachers as well as students.
- 254 CLASSROOM MANAGEMENT 3
 This course is designed to familiarize students with basic theories of classroom control and to give them a working knowledge of classroom management. It will focus on prevention and remediation of problems through focusing on lesson content and evaluation of learning. Students will become familiar with current teaching methods and models for elementary teachers.

- 256 FOUNDATIONS OF EDUCATION 3
 This course introduces the prospective teacher to the historical, social, and philosophical foundations of the American education system as well as the Lakota education system. In addition to the class time spent on campus, students are required to spend 30 hours of observations/participation in area classrooms.
- 260 EDUCATIONAL PSYCHOLOGY 3
 This course introduces students to the fundamental psychological principles underlying education and examines how these principles can be applied in the class setting to facilitate learning. It includes discussion of relevant theories and topics including student needs, learning styles, cognitive processing, reflective teaching, and characteristics of learning environments and student assessment. This course introduces humanistic, cognitive, behavioral and psychological models of classroom management.
- 277 MATH FOR ELEMENTARY TEACHER I 3
 Utilizing a problem-solving approach, this course will provide a background in the structure and theory of mathematics including whole numbers, integers, rational numbers, and real numbers. Local, state, and national standards are addressed as well as the use of appropriate technology. Students will explore current elementary math programs and teaching techniques. Prerequisite: MATH 103 College Algebra.
- 278 MATH FOR ELEMENTARY TEACHER II 2
 This course is the second semester in a sequence of the study of mathematics theory for elementary teachers. This course will provide a background in the structure and theory of mathematics and will include the following topics: rational and real numbers, statistics, probability, measurement, and geometry. The class will explore current elementary math programs and teaching techniques. Mathematics standards are addressed also. Prerequisite: EED 277 Math for Elementary Teacher I.
- 290 ART FOR ELEMENTARY TEACHER 2
 This course is designed to introduce students to the basic concepts needed to teach art in the elementary classroom. Students will experience a broad range of activities, materials and teaching strategies in a workshop type setting. The main intent will be for students to develop an appreciation for self-expression and divergent thinking through art. An integrated approach to teaching art using listening, speaking, reading and writing will be explored. Students will become acquainted with audio-visual materials.

- 297 TEACHER EDUCATION INTERNSHIP..... 1-3
 This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Students will complete this internship within the last two semesters of the Teacher Education degree plan.
- 298 PRE-PROFESSIONAL EXPERIENCE 1
 This course consists of documented observations in a variety of K-12 classrooms. The students will also experience the rewards and challenges in an educational setting. This course is taken in conjunction with EED 250 Introduction to Education.
- 299 EDUCATION SPECIAL TOPICS..... 1-3
- 301 INTEGRATING TECHNOLOGY INTO THE CLASSROOM..... 2
 This course is designed to provide opportunities for the development of skills and strategies needed to integrate computer technology into the curriculum throughout all disciplines and all grades. This course provides a thorough understanding of how to use the word processor, database and spreadsheet as a tool for personal and classroom use. The candidate will develop methods to teach students to use technology for problem-solving, accessing and analyzing information, and creative and expository writing. Prerequisite: CSCI 101 Introduction to Computer Applications.
- 305 METHODS OF TEACHING IN THE ELEMENTARY, MIDDLE, AND SECONDARY SCHOOL..... 3
 This course is designed to provide a survey of current teaching methods and models for elementary, middle, and secondary teaching. Develop competencies in using a variety of instructional strategies and materials through videotaped microteaching experiences. Students will write appropriate lesson plans and develop culturally relevant units.
- 310 METHODS OF TEACHING SCIENCE IN THE ELEMENTARY SCHOOL 2
 Students will have the opportunity to preview science materials and learn how to use them in a classroom through planning and simulation. This course provides opportunities for students to develop an understanding of what science is and how children learn. Students will learn to integrate science lessons with other content areas including Lakota studies, with an emphasis on the integration with math and to critique science materials, activities, and children's materials for appropriateness. Students will identify the fields of study and explore cultural variations in science learning and teaching.

- 315 METHODS OF TEACHING MATH IN THE ELEMENTARY SCHOOL 2
 This course is designed to provide a survey of current teaching methods in mathematics and to develop competencies in using various instructional strategies and materials including those involving calculators and computers. It will also focus on problem solving approaches to teaching mathematics and provide teaching experiences using manipulative. Current math standards will be emphasized as well as the integration of mathematics within the curriculum, in particular the connections between math, science and technology.
- 320 METHODS OF TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL2
 This course is intended to provide students an opportunity to explore multiple social studies teaching methods. Students will have an opportunity to read and discuss literature concerning the teaching of the social sciences and will create teaching units, which exemplify these methods. Students will be expected to utilize all resources available to them including print and electronics.
- 325 METHODS OF TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL 2
 This course is designed to provide a survey of current teaching methods in the language arts and to develop competencies in using various instructional strategies and materials. All major aspects of expressive and receptive language will be addressed. Students will be required to develop lesson plans, projects, and teaching units that integrate the language arts throughout the curriculum. Current theories in teaching language arts will be explored. Students will be required to work with children in a classroom that reflects the Service Learning model of instruction.
- 330 METHODS OF TEACHING READING IN THE ELEMENTARY SCHOOL..... 3
 This course is designed to provide a survey of current teaching methods in expository and narrative reading materials; develop competence in using various instructional strategies; promote an enthusiasm for reading in elementary and middle school classrooms; and teach skills that will ensure future teachers can establish a balanced literacy approach in their classrooms. Different approaches toward analysis and reading comprehension will be discussed and modeled. Research related to reading styles will be discussed and integrated throughout the course. Current theories that build upon the unique strengths that each student possesses will be discussed. Since teachers must be keen observers and reflective thinkers, this course will promote the idea that teachers can and must make instructional and diagnostic judgments in order to select appropriate strategies and techniques.

- 335 METHODS OF TEACHING MUSIC IN THE ELEMENTARY SCHOOL..... 2
 Since music has been recognized as an important part of a complete education since the early 1800's, the purpose of this class is to provide the elementary education major with the necessary knowledge and skills required to teach music to their students. This class will provide opportunities to explore the possibilities of the integration of music across the curriculum, presenting a more encompassing and less fragmented over-all education for the students.
- 345 METHODS OF TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL 2
 This course includes an analysis of activities in the elementary school physical education curriculum and how they relate to motor skills and development age. Included in this course are organizational methods for the administration of various sports.
- 350 CURRICULUM PLANNING, DELIVERY, AND ASSESSMENT FOR THE ELEMENTARY, MIDDLE, AND SECONDARY SCHOOL SETTING 2
 This course is designed to provide the pre-service teacher with knowledge about the various the types of curriculum used in the elementary school setting. Participants will experience the selection of curriculum, the development of curriculum, and the delivery of curriculum instruction. Course content will focus on the assessment issues encountered when designing and delivering instruction. Prerequisite: Students must have completed the methods courses in their major/minor field.
- 447 MULTICULTURAL EDUCATION 3
 This course provides pre-service and in-service teachers with an understanding of the importance of multiculturalism in our global society. Topics to be addressed will include: learning styles and multiple intelligence's; culturally-sensitive teaching strategies; recognizing prejudices, biases, and stereotypes in teaching materials and in our lives as teachers and learners; learning how to develop curricular materials with a multicultural approach; respecting human rights and diversity; and developing sensitivity to the values of individuals and groups which are not always personally shared and understood.
- 450 READING THEORY AND PROCESS 3
 This course is designed to give students knowledge of theory and procedures in the identification and remediation of reading. Prerequisite: EED 330 Method of Teaching Reading in the Elementary School.

495 TEACHING READING IN THE CONTENT AREA 2
This course is designed for pre-service teachers and experienced teachers pursuing a reading credential who want to gain knowledge and skills in helping their students read content assignments with more understanding. Strategies and techniques for teaching subject matter content and increase reading ability will be explained, demonstrated and practiced. The integration of reading/writing skills will be integrated within the course through demonstration and practice. Attention will also be given to the teaching of reading/study skills and the promotion of reading as a lifelong habit.

497 STUDENT TEACHING IN THE ELEMENTARY SCHOOL 9-12
This experience prepares elementary education majors planning to teach in elementary and middle schools with the opportunity to observe, record, and assess children's behavior in order to plan appropriate instructional programs and learning environments. Students will write lesson plans and develop culturally appropriate integrated units that reflect learning styles, promote self-esteem, and encourage self-directed learning. This experience provides opportunities for developing parent-teacher conferencing skills as well as working with parents and professionals in a collaborative manner. It gives students the opportunity to assume complete responsibility of a classroom while under the supervision of a classroom teacher in an approved elementary or middle school and the college supervision of student teaching. Prerequisite: Permission of Division of Education.

499 EDUCATION SPECIAL TOPICS..... 1-3

MIDDLE SCHOOL (ME)

296 PHILOSOPHY & CURRICULUM OF MIDDLE LEVEL EDUCATION 3
This course focuses on education foundations appropriate to middle level schools and essential to meeting the needs of young adolescents. It identifies and expands central ideas in the area of philosophy, historical background, curriculum, facilitation of learning, organizational practices, assessment, and planning.

299 MIDDLE SCHOOL SPECIAL TOPICS 1-3

486 FIELD EXPERIENCE IN THE MIDDLE SCHOOL 1
This experience is intended to give pre-service and in-service teachers the opportunity to observe in a middle school setting, linking theory to practice in the middle school. The course consists of two components: a) orientation to the middle school environment b) observing experienced middle school teachers as well as students involved in the learning process. All participants must complete at least 20 hours of field experience. Prerequisite: EED 330 Method of Teaching Reading in the Elementary School.

499 MIDDLE SCHOOL SPECIAL TOPICS 1-3

SECONDARY EDUCATION (SED)

299 SECONDARY SCHOOL SPECIAL TOPICS 1-3

390 SCHOOL SCIENCE SAFETY..... 3

This course leads future teachers to investigate best practices in the area of classroom, laboratory and school safety and make important decisions in the selection of methods and materials. Student safety in the elementary, middle school and high school will be addressed. Personal protective equipment, safety equipment, air quality, hazardous waste, chemical storage and labeling, liability issues, safety contracts and health issues will be among many areas that will be covered. The course will be based on the National Science Teachers Association (NSTA) publications Exploring Safely-A Guide for Elementary, Middle School, and High School Teachers. Prerequisite: EED 250 Introduction to Education, EED 254 Classroom Management, and EED 298 Pre-Professional Experience.

400 METHODS AND MATERIALS OF SECONDARY SCIENCE EDUCATION 4

This course will explore various teaching methods and strategies along with the materials used to teach in secondary science education. The course is designed to provide students with an increased professional development through increased knowledge and skills in pedagogy. Students will be required to develop lesson plans, projects, and teaching units that integrate inquiry based learning. Prerequisite: EED 250 Introduction to Education, EED 254 Classroom Management, and EED 298 Pre-Professional Experience.

497 STUDENT TEACHING IN THE SECONDARY SCHOOL..... 12

Prepares secondary science majors with the opportunity to observe, record, and assess learners' behavior in order to plan appropriate instructional programs and learning environments. Students will write lesson plans and develop culturally appropriate integrated units that reflect learning styles, promote self-esteem, and encourage self-directed learning. This course provides opportunities for developing parent-teacher conferencing skills as well as working with parents and professionals in a collaborative manner. It gives students the opportunity to assume complete responsibility of a classroom while under the supervision of a classroom teacher in an approved secondary school and the college supervision of student teaching. Prerequisite: Permission of Division of Education.

499 SECONDARY SCHOOL SPECIAL TOPICS 1-3

SPECIAL EDUCATION (SPD)

- 200 EXCEPTIONAL CHILDREN 3
This course is an overview of special education, focusing on issues, concepts, and legal requirements related to the identification, assessment and provision of services to children with disabilities. This course will examine the etiology and characteristics of each exceptionality and discuss the impact of the disability on the learning process and related areas of cognitive, affective and psychomotor development. In addition, this course will examine the importance of the child's culture, family and community when developing and implementing an individual education program.
- 299 SPECIAL EDUCATION SPECIAL TOPICS 1-3
- 300 TECHNIQUES OF MANAGING BEHAVIOR 4
This course focuses on demonstrating to potential teachers how to address classroom behaviors that occur while working with students with special needs and disabilities. The course illustrates concepts that promote self-control, building self-esteem, considering environmental influences and ways to promote acceptable behavior. The course will review effective theories and methods for classroom management that will promote success in students. Field experience required.
- 310 INTRODUCTION TO DEVELOPMENTAL DISABILITIES 4
This course will examine the education of persons with developmental disabilities including handicapping conditions, legal aspects, history, parental perspectives, educational programming, service delivery, and current research. Field experience required.
- 320 CURRICULUM AND RESOURCES IN MENTAL RETARDATION 3
This course addresses resources, issues and problems related to the field of special education. It will focus on developing individual education programs with an emphasis in strategies and methods for including all children with disabilities in classroom environments appropriate to meet their needs. Transition planning will be discussed as integral part of designing individual education program.
- 322 TEACHING CHILDREN AND YOUTH WITH SEVERE MENTAL
RETARDATION 4
This course will examine the current issues related to the field of teaching individuals with severe and multiple disabilities. A goal of the course is to provide current information about individuals with severe and multiple disabilities, to examine strategies for effective service delivery and appropriate teaching methods and curriculum development for meeting the individualized needs of children and young adults with severe disabilities. Strategies for collaboration with parents and other professionals in order to facilitate effective and meaningful programming will be discussed. Field experience required.

- 324 TEACHING CHILDREN AND YOUTH WITH MILD TO MODERATE MENTAL RETARDATION..... 4
 This course will examine methods and strategies for teaching students with mild to moderate disabilities. All curriculum and content areas will be discussed as they relate to meeting the individual learning needs of students with disabilities. This course will explore the relationship of assessment, curricular adaptations, and instructional and environmental modification when designing appropriate educational programs for individual students. Strategies for collaboration with parents and professionals in order to design and implement effective programming will also be examined. Legal requirements will be reviewed for their impact in teaching and curriculum. Field experience required.
- 328 COMMUNICATION WITH PARENTS AND PROFESSIONALS..... 3
 This course examines communication and negotiation skills necessary for conferring and planning with parents, staff members, administrators, community, professional, and others concerning the academic, vocational, social, cognitive, language, and physical needs of children. Prerequisite: SPD 200 Exceptional Children.
- 420 SPECIAL EDUCATION ASSESSMENT 3
 This course will provide an overview of assessment practices in special education programs. This course will examine the purposes and uses of norm-referenced, criterion-referenced, and curriculum-based, observation-based and portfolio methods of assess in order to identify the needs of children who may have a disability. The limitations of selected assessment practices and problems of interpretation will be addressed. The course will also address how assessment is tied to program planning for children with disabilities. The importance of active and meaningful participation of families in the assessment process will also be emphasized. Prerequisites: SPD 322 Teaching Children and Youth with Severe Mental Retardation, and SPD 324 Teaching Child and Youth with Mild to Moderate Mental Retardation.
- 444 TRANSITION FOR SECONDARY STUDENTS WITH MENTAL RETARDATION..... 3
 This course provides the background required to understand the developmental and educational process that takes place from early adolescence through adulthood. Prospective teachers will learn the policies and procedures needed to help students through the transition process, explore the roles of both schools and post-school professionals functioning within a team process. The course will provide prospective teachers the background needed to meet the transition needs across the diverse populations of special education. Prerequisite: SPD 200 Exceptional Children.

497	INTERNSHIP IN SPECIAL EDUCATION/MENTAL RETADATION..... 12 Prospective teachers gain practical experience teaching children and youth with disabilities from the elementary through middle level. They experience the multiple roles and responsibilities of being a special education teacher including preparing daily lessons, experimenting with different teaching strategies, consulting with regular classroom teachers, and participating in educational program planning. Prerequisite: Permission of Division of Education.	12
499	SPECIAL EDUCATION SPECIAL TOPICS..... 1-3	1-3

DIVISION OF ENERGY TECHNOLOGY

ENERGY TECHNOLOGY (ETT)

111	INTRODUCTION TO PROCESS TECHNOLOGY..... 4 Introduction to refinery and chemical plant operations. Topics include, plant technician duties, responsibilities and expectations; plant systems and the physical and mental requirements of the plant technician.	4
112	SAFETY, HEALTH, AND ENVIRONMENT..... 4 Develop knowledge and skills to reinforce the attitudes and behaviors required for safe and environmentally sound work habits. Emphasis on safety, health and environmental issues in the performance of all job tasks and regulatory compliance issues.	4
113	APPLIED MATH..... 4 Study of math related to plant operation and performance. Math designed to assist technicians with everyday calculations necessary for obtaining maximum plant efficiency.	4
114	TECHNOLOGY I..... 4 Instruction on the use of common plant equipment.	4
115	HYDROCARBON CHEMISTRY..... 4 Instruction in the fundamentals of hydrocarbon chemistry as used in the process industries, as well as the applications for an operations technician.	4
116	INSTRUMENTATION I..... 4 Study of instruments and instrument systems used in the energy industry, including terminology, variables, symbols, control loops and basic troubleshooting.	4
211	PLANT SCIENCE..... 4 Instruction in the basic principles of physics and its application to process facilities.	4

212	TECHNOLOGY II - SYSTEMS	4
	Study of the interrelation of plant equipment and systems including related scientific principles.	
213	UNIT OPERATIONS.....	4
	Instruction in the principles of operating plant equipment.	
217	RENEWABLE ENERGY	4
	This course will familiarize students with different types of alternative energy sources available in our region of the nation.	
218	WIND TURBINES/ELECTRICITY	4
	A study of wind turbine history and future expansion of wind generation as a viable energy source. Basic electricity will be included in the course.	
219	ENVIRONMENTAL PROTECTION	4
	This course will cover clean air standards and emission control equipment. Also, energy industry policies and environmental concerns will be included in along with quality work practices.	
297	ENERGY TECHNOLOGY INTERNSHIP	1-3
	This provides the student with the opportunity to experience the world of work in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the Energy Technology degree plan.	
299	ENERGY TECHNOLOGY SPECIAL TOPICS.....	1-3

***DIVISION OF HEALTH, PHYSICAL EDUCATION, & RECREATION
(HPR)***

101	BEGINNING VOLLEYBALL.....	1
	Fundamental rules and techniques are taught along with actual learning of skills and techniques during participation.	
103	BEGINNING TENNIS	1
	Fundamental techniques, scoring rules, and equipment care and selection are taught along with actual learning of skills and techniques during class participation.	
105	AEROBICS.....	1

	Exercise and techniques for posture, figure control and personal physical fitness are discussed and practiced.	
106	FIRST AID/CPR.....	2
	Recognition and treatment of common injuries. Basic first aid developed by Civil Defense for medical self help training program.	
110	WEIGHT LIFTING	1
	Fundamental information concerning body metabolic processes and personal conditioning. Emphasis is on coordination and muscle tone.	
112	JOGGING/CONDITIONING.....	1
	Fundamental information concerning normal physical development and the necessity for conditioning, sound health, proper respiration and weight control.	
114	CARE, PREVENTION, & MANAGEMENT OF ATHLETIC INJURIES.....	2
	Study of common athletic injuries, the cause, prevention, and care of injuries.	
116	ARCHERY.....	1
	This course involves learning terminology, safety habits for the sport, basic physical exercise for archery, as well as the fundamentals of longbow shooting.	
117	CURLING I	1
	This course is designed to provide students with an introduction to the sport of curling. Curling terminology, rules of the game, and basic delivery and sweeping mechanics will be covered.	
118	CURLING II	1
	This course is designed to provide students with advanced education in the sport of curling. Curling terminology and basic delivery and sweeping mechanics will be reviewed. An introduction to curling strategy will be covered. Prerequisite: HPR 107 Curling I.	
123	FUNDAMENTAL OF BASKETBALL.....	1
	Basic techniques and skills involved in basketball. There will be demonstrations and practices.	
124	FUNDAMENTAL OF BOWLING.....	1
	Fundamental rules, techniques, scoring, and terminology are taught along with actual learning of basic skills during practices games.	
200	NUTRITION.....	2
	Nutrition is the study of food, how it nourishes the body, and how it impacts health. Students in this course study food nutrients and their actions as well as nutrient need changes throughout the life cycle. The interaction between diet and health is explored. Topics include nutritional guidelines and reading food	

labels. Assessment of dietary intake and the influence of culture, values, and economics will be integrated.

- 220 TRIBAL DIABETES EDUCATOR 2
This course will identify role of CHRs as health resource staff in American Indian communities; describe the meaning of health as understood by American Indian people; identify the extent of Type 2 diabetes in American Indian communities and the risk factors that contribute to the development of diabetes and its complications.

- 299 HEALTH, PHYSICAL EDUCATION, & RECREATION SPECIAL TOPICS 1-3

DIVISION OF MATHEMATICS AND SCIENCE

MATHEMATICS (MATH)

- 010 FOUNDATIONS MATH 4
The course covers the basic computations involved in working with whole numbers, fractions, decimals, percents, squares, and other topics. Laboratory required.

- 100 APPLIED MATH 3
A study of basic mathematics, enabling the student to gain math proficiency required for vocational programs. Topics included are decimals, fractions, calculator use, and measurement.

- 101 PRE-ALGEBRA 3
This course covers properties and operations of numbers, equations, computation with positive and negative numbers, and graphs.

- 102 INTERMEDIATE ALGEBRA 4
Properties of the real number system, factoring, linear and quadratic equations, polynomial expressions, inequalities, exponents, radicals, functional notation, rational equations and absolute value equations. Prerequisite: MATH 101 or Compass (placement) test.

- 103 COLLEGE ALGEBRA 4
Relations and functions, equations and inequalities, complex numbers; polynomial rational, exponential and logarithmic functions. Graphing calculators are required. Prerequisite: MATH 102 or Compass (placement) test.

- 104 FINITE MATHEMATICS 3
Geared toward business and social science majors, this course covers functions, systems of linear equations, matrices, linear programming with the Simplex method, and mathematics of finance. Graphing calculators are required. Graphing calculators are required. Prerequisite: MATH 102 or Compass (placement) test.

- 105 TRIGONOMETRY 2
 This course looks at functions of the general angles, graphs of the trigonometric functions, reduction formulas, inverse functions, identities, and trigonometric equations. Graphing calculators are required. Prerequisite: High school geometry and MATH 103 College Algebra.
- 107 PRECALCULUS 5
 This course is a combination of College Algebra and Trigonometry and is designed for those students going on to study Calculus. Topics from algebra will include graphing linear, quadratic, exponential, and logarithmic functions. From trigonometry we will be graphing circular functions and solving trigonometric equations. Graphing calculators are required. Prerequisite: MATH 102 Intermediate Algebra or qualifying compass score or student needs to have successfully completed 2 years of high school algebra.
- 146 APPLIED CALCULUS 3
 Limits, derivatives, optimization applications, exponential and logarithmic functions, and integrals. Graphing calculators are required. Graphing calculators are required. Prerequisite: MATH 103 or Compass (placement) test.
- 165 CALCULUS I 4
 This course reviews exponential, logarithmic and trigonometric functions. We begin with limits and derivatives, tangent and velocity problems, differentiation rules. Applications of differentiation, integrals and the Fundamental Theorem of Calculus are covered. The semester will end by looking at areas and volumes of solids of revolution. Graphing calculators are required. Prerequisite: MATH 107 Precalculus.
- 166 CALCULUS II 4
 Applications of the definite integral, areas, volumes of solids of revolution, and surface areas, centroids, techniques of integration, L'Hopital's rule, improper integrals, tests of convergence, and conic sections. Graphing calculators are required. Prerequisite: MATH 165 Calculus I.
- 210 STATISTICS I 3
 An introduction to statistical methods of gathering, presenting and analyzing data. Topics include descriptive statistics like frequency distributions, histograms, bar graphs, stem and leaf displays, correlation and linear regression, probability and probability distributions and binomial probabilities. Graphing calculators are required. Prerequisite: MATH 102 or Compass (placement) test.

314 APPLIED STATISTICS..... 3
 A continuation of MATH 210 Statistics I. Topics include normal distribution, z-scores, central limit theorem, estimation and confidence intervals, hypothesis testing, inferences about differences and chi-square distributions. Graphing calculators are required. Prerequisite: MTH 210 for Business Administration students and ENS 240 for Environmental Science students.

299 MATHEMATICS SPECIAL TOPICS 1-4

SCIENCES

BIOLOGY (BIOL)

109 THE LIVING WORLD 4
 This is an introductory level course. The class is not for biology majors. Includes: basic concepts in biology, natural history, sociobiology, and human biosocial interaction. Laboratory required.

150 BIOLOGY I 4
 A general course in the biological sciences including major concepts concerning the cell, genetics and their development as they deal with the dynamics of structure, function, evaluation and ecological adaptation in plants and animals. Laboratory required.

151 BIOLOGY II 4
 A course in the biological sciences including expansion on the core principles of physiology, anatomy, genetics, ecology and other life processes in plants, vertebrates and invertebrates. Laboratory required. Prerequisite: BIOL 150 Biology I.

170 ZOOLOGY..... 4
 This course examines the study of Zoology. This course is the study of the anatomy, distribution, identification, classification, and behavioral adaptations of the Kingdom Animalia. Emphasis is placed on common species of this region, particularly grassland species of management concern, but the course also focuses on the diversity of animals in aquatic marine, desert, and forested environments.

202 MICROBIOLOGY 4
 This course will familiarize students with classification, recognition, production, control positive and negative impacts of all types of microorganisms. Laboratory required. Prerequisite BIOL 220 Anatomy and Physiology I or consent of Instructor.

- 220 ANATOMY AND PHYSIOLOGY I..... 4
 A general survey of the function and anatomy of human systems. Emphasis on introductory topics of cell and tissue structure and function; anatomical terminology and skeletal; nervous, and endocrine systems. Laboratory required.
- 224 GENERAL ECOLOGY..... 4
 The course will be an introduction to the basic concepts of ecological theory as it is related to the world around us. The examination of energy flow, nutrient cycles, and population ecology will form the basis of the course. Laboratory required. Prerequisite: BIOL 111 Biology I or approval of instructor.
- 230 ANATOMY AND PHYSIOLOGY II..... 4
 Structure and function of the human body with emphasis on maintenance systems; i.e. cardiovascular, respiratory, digestive, urinary, metabolism and reproductive. Laboratory required. Prerequisite: BIOL 220 Anatomy and Physiology I.
- 240 ETHNOBOTANY 3
 This course will take students into the outdoor classroom of Ina Maka – Mother Earth. Along with range plant identification, students will learn to identify 100 plants of the wetlands, grasslands, and woodlands of the Standing Rock Nation. We will identify these plants at various stages of growth, learn the English, Lakota/Dakota and scientific names of these plants and we will learn the traditional uses. We will harvest selected plants and make the traditional foods or medicines from them. We will learn the proper protocol for collecting plants in the traditional way. We will bring both western and native science into the course by investigating certain biological characteristics of the plants we find. Finally we will discuss habitat diversity – including optimal growth conditions, plant origins – including native and invasive species, and the interdependence of organisms, including plant and animal life
- 241 ETHNOBOTANY LAB 1
 This is a lab course to complement Ethnobotany 240. Students will be involved in hands-on activities to examine the relationships between plants and people. For example, students will identify local plants with cultural, economic and/or medicinal importance. The labs will feature lessons in plant morphology, active compounds, antimicrobial properties, traditional preparation effectiveness, nutritional content, and defining preparations such as tinctures, decoctions, infusions, and salves.

258	BIRDS AND CULTURE W/LAB	4
	This course is a survey of techniques used for identifying and studying local avian populations and examining written and oral histories about bird lore and traditional uses of bird parts. Emphasis is placed on species with strong cultural significance such as Eagles. This is a field course, with much of our time spent outdoors observing birds. The required laboratory focuses on anatomy and flight adaptations.	
299	BIOLOGY SPECIAL TOPICS	1-4
450	MAMMALOLOGY	3
	This course examines the stuffy of the biology and ecology of Mammals. This course is a study of the anatomy, distribution, identification, classification, and behavioral adaptations of mammals. Emphasis is placed on common species of this region, particularly grassland mammal species of management concern. Emphasis is placed on species with strong cultural significance such as bison and bear.	
455	HERPETOLOGY: REPTILES AND AMPHIBIANS	3
	This course examines the study of the biology and ecology of Herpetiles (Reptiles & Amphibians). This course is a study of the anatomy, distribution, identification, classification, and behavioral adaptations of reptiles and amphibians. Emphasis is placed on common species of this region, particularly grassland and wetland species of management concern. Emphasis is placed on cultural connections to Herpetiles.	
458	ORNITHOLOGY	3
	This course examines the study of the biology and ecology of Birds. This course is a study of the anatomy, distribution, identification, classification, and behavioral adaptations of birds. Emphasis is placed on common species of this region, particularly grassland songbirds, raptors and species of management concern. Emphasis is placed on species with strong cultural significance such as Eagles.	
499	BIOLOGY SPECIAL TOPICS	1-4

CHEMISTRY (CHEM)

- 110 SURVEY OF CHEMISTRY..... 4
This course will cover the basic principles and concepts of inorganic, organic and biological chemistry. Topics will include states of matter, measurements, elements, atoms and the periodic table, chemical bonding, chemical equations, gases, liquids and solids, energy and equilibrium reaction, acid-base and oxidation reduction. Organic topics include hydrocarbons, alcohol, ethers, esters, aldehydes and ketones. Topics in biochemistry will include carbohydrates, carboxylic acids, lipids, amines, proteins, enzymes, and metabolism. Laboratory required. Prerequisites: High school algebra, MATH 101 Mathematics or approval of instructor.
- 115 INTRODUCTION TO CHEMISTRY 4
This course will cover the basic principles and concepts of inorganic, organic and biological chemistry. Topics will include states of matter, measurements, elements, atoms and the periodic table, chemical bonding, chemical equations, gases, liquids and solids, energy and equilibrium, reactions, acid-base and oxidation-reduction. Laboratory required. Prerequisites: High school algebra, MATH 101 Mathematics or approval of instructor
- 116 INTRODUCTION TO ORGANIC AND BIOCHEMISTRY..... 4
This course will cover the basic principles and concepts of organic and biological chemistry. Organic topics include saturated and unsaturated hydrocarbons, alcohol, ethers, esters, aldehydes and ketones. Topics in biochemistry will include carbohydrates, carboxylic acids, lipids, amines, proteins, enzymes, and metabolism. Laboratory required. Prerequisites: CHEM 115 Introduction to Chemistry, high school algebra, MATH 101 Mathematics, or approval of instructor.
- 299 CHEMISTRY SPECIAL TOPICS..... 1-4
- 403 ANALYTICAL CHEMISTRY..... 3
This course will introduce students to the use of advanced scientific analytical equipment. This equipment will allow students to identify almost any element or chemical compound. Students will be exposed to analyses using pH meter, conductivity meter, spectrophotometers, atomic absorption and graphite furnace. They will also analyze samples using UV and IR spectrophotometers, HPLC, and gas chromatograph. Students will learn techniques of sampling, sample preparation and storage. Lab safety will be emphasized. Prerequisites: CHEM 115 Introduction to Chemistry or CHEM 116 Introduction to Organic and Biochemistry.
- 499 CHEMISTRY SPECIAL TOPICS..... 1-4

ENVIRONMENTAL SCIENCE (ENS)

- 113 ENVIRONMENTAL SCIENCE I..... 4
The course will be an introduction to environmental principles emphasizing the interrelationships between human cultures, organisms, and their environments. Specifically, this course will examine environmental interrelatedness, environmental ethics, energy sources and issues, and human influences on ecosystems. Laboratory required.
- 202 ENVIRONMENTAL ISSUES..... 2
The course will examine controversial issues that will inevitably shape future environmental legislation and the way we view the environment in which we live. The Environmental Issues course will address environmental controversies from both ends of the continuum and allow students to form their own opinions on where they stand regarding the environment as it relates to economics, legislation, technology and human rights. Specifically, the Endangered Species Act, the North American Free Trade Act (NAFTA). Environmental Racism, Old-Growth Forest and Indigenous People's fishing rights as well as other topics will be discussed.
- 216 WILDLIFE MANAGEMENT AND CONSERVATION 4
The course will be an introduction to the management principles of wildlife as well as expose students to conservation practices that are used to enhance wildlife populations. Predation, wildlife diseases, carrying capacity, and a history of wildlife management are topics that will be studied in depth throughout the semester. The laboratory section of the course will allow students to use a hands-on approach to learning wildlife conservation principles. Laboratory required.
- 225 ENVIRONMENTAL SAMPLING 4
The course will expand on introductory courses in environmental science and ecology. Field laboratories will allow students to understand the environment around them by using a hands-on approach. Specifically, this course will allow students to examine water, air, and soil quality, as well as introduce students to the concepts of soil stratification, soil profiles, and examine how drinking water distribution systems operate. Laboratory required. Prerequisites: BIOL 224 General Ecology, or CHEM 110 Survey of Chemistry, and ENS 113 Environmental Science I.
- 240 ENVIRONMENTAL STATISTICS..... 3
The course will introduce students to statistical methods that are important in ecological and environmental research. Quantitative analysis of data sets will be the primary focus of the course. Students will use actual data sets, utilizing statistical computer software, to calculate and interpret central tendencies, standard deviation, variance t-tests, chi square, confidence intervals, linear regression Prerequisites: MATH 101 Mathematics or approval of instructor.

- 260 ENVIRONMENTAL RESEARCH PROJECT I 2
 This course will be an expansion of Environmental Science I (SCI 113) and General Ecology (BIOL 224). Students will learn the scientific method of research using a hands-on approach. Students that have chosen a concentration area in the Environmental Science Program will conduct an undergraduate research study that will be designed by the student with help from their major advisor. Prerequisite: ENS 113 Environmental Science I and BIO 224 General Ecology.
- 261 ENVIRONMENTAL RESEARCH PROJECT II 2
 This course will be an expansion of Environmental Research Project I (ENS 260). Students that have chosen a concentration area in the Environmental Science Program will conduct an advanced undergraduate research study that will be designed by the student with help from their major advisor. This course should be a culmination of all environmental science courses that the student has taken in their concentration area. Prerequisite: ENS260 Environmental Research Project I.
- 297 ENVIRONMENTAL SCIENCE INTERNSHIP 1-3
 This provides the student with the opportunity to experience environmental science in the work place in conjunction with their program of study. One semester hour of credit is equivalent to forty-five (45) contact hours. The internship experience will be conducted at an advisor-approved location that will provide the student with a quality educational and practical encounter in the field of environmental science. Prerequisite: Students through advisor approval will only be allowed to complete internship within the last two semesters of the Environmental Science degree plan.
- 299 ENVIRONMENTAL SCIENCE SPECIAL TOPICS 1-4
- 301 HYDROLOGY..... 3
 This course will examine the hydrologic cycle and how it functions to transport water across Earth. The study of surface flow and of groundwater flow will make up the major concentration of this course. Quantitative methods will be used to determine water infiltration into soil, surface runoff rates, precipitation measurements, and water pressure. Students will gain valuable knowledge in all areas of water transport through the environment. Prerequisites: ENS 113 Environmental Science I, CHEM 115 Introduction to Chemistry, MATH 103 College Algebra or instructor consent.

- 211/311 INTRODUCTION TO GIS/GPS 3
 This course will teach students to use Geographical Information System software and Global Position System (GPS) technology. Students will learn to collect waypoints using GPS technology and will download the waypoint data onto GIS mapping software. Students will develop maps and enter attribute data to correspond to maps that are created. This course will serve as a thorough introduction to GIS software and GPS technology. Prerequisites: CSCI 101 Introduction to Computer Applications, MATH 103 College Algebra or instructor consent.
- 321 ENVIRONMENTAL CHEMISTRY 3
 This course will examine the chemical nature of air, water, and soil. Some of the specific topics covered will include: the ozone layer and ozone depletion, greenhouse effect, nutrient cycles, radiation, and acid rain. The fate of chemicals in the environment will be studied. Prerequisites: ENS 113 Environmental Science I, CHEM 115 Introduction to Chemistry, and MATH 103 College Algebra.
- 331 WILDLIFE CONSERVATION 3
 This course is an introduction to the management principles of wildlife that are used to enhance wildlife populations. The examination of predation, wildlife diseases, carrying capacity, and a history of wildlife management are topics that will be studied in depth. Techniques for creating habitat suitable for specific wildlife species and management purposes will be discussed. Laboratory required. Prerequisites: BIOL 150 Biology I, ENS 113 Environmental Science I, MATH 314 Applied Statistics or instructor consent.
- 422 ENVIRONMENTAL TOXICOLOGY 3
 This course will examine factors that influence the transport of contaminants and pollutants through environmental media of water, soil, and air. The effects of chemical compounds on living organisms, particularly humans, will form the foundation of the course. Routes of entry into organisms, as well as detoxification and toxin removal from living organisms will be discussed. Methods of obtaining human exposure limits, and risk assessment will be examined. Prerequisites: BIOL 150 Biology I, CHEM 115 Introduction to Chemistry, ENS 113 Environmental Science I, and MATH 103 College Algebra.
- 432 AQUATIC ECOSYSTEMS 3
 This course is designed to give students the basic understanding of the principles of aquatic ecosystems. The ecological functioning, and the chemical and biological processes occurring in aquatic ecosystems will make up the main focus of the course. Human impacts on aquatic ecosystems will be addressed in the course. Prerequisites: BIOL 224 General Ecology, CHEM 115 Introduction to Chemistry, ENS 113 Environmental Science I, ENS 301 Hydrology, and MATH 103 College Algebra.

- 433 SOLID WASTE MANAGEMENT 3
 This course will survey common biological, thermal, chemical, and physical waste stream methods. A brief overview of the laws and regulations governing the treatment, storage, and disposal of solid waste, including hazardous waste, will be presented. Some of the tools used to identify, track, minimize, and prevent solid waste generation will be discussed. Case studies of selected industry's waste minimization treatment and disposal techniques will be presented. Prerequisite: CHEM 115 Introduction to Chemistry.
- 452 SCIENCE LITERATURE 3
 This course will prepare students to read scientific literature in an objective manner. The interpretation of research published in journals will be the focal point of the course. In addition, students will learn methods of writing research papers for publication. Prerequisites: ENG 101 English I, MATH 103 College Algebra, MATH 314 Applied Statistics, BIOL150 Biology I, and BIOL 224 General Ecology.
- 453 ENVIRONMENTAL LAW AND POLICY 3
 This course examines major federal, state, and tribal laws that are in place to regulate activities that impact the environment. Students will study the methods by which environmental laws are formed. Students will be trained to use the Federal Register and the Code of Federal Regulations to conduct research related to environmental issues. Students will become familiar with the major environmental acts passed by the United State Congress that impact environmental decisions across the U.S. Tribal law addressing environmental issues will be reviewed. Prerequisite: ENS 202 Environmental Issues or instructor consent.
- 493 SENIOR RESEARCH 3
 This course will be a capstone course for all senior students. Students will learn methods of conducting undergraduate research in the field of science. This course will expand on the 200-level research course that students will complete in the Associate of Science degree plan. Statistical analysis of data collected will be incorporated into this course. A final presentation to a board of faculty members will be required of each student completing their research project. Prerequisites: Senior status and instructor consent.
- 499 ENVIRONMENTAL SCIENCE SPECIAL TOPICS 1-4

GEOLOGY (GEOL)

100	EARTH SCIENCE	4
	This introductory lab course in physical geology covers the Earth, its structure, composition, and the geologic processes acting on and within the earth. Special attention is given to the areas of meteorology, earth movements, and history. Laboratory required.	
101	INTRODUCTION TO PHYSICAL GEOLOGY.....	4
	A study of geological processes such as erosion, volcanoes, earthquakes, mountain building, fossils, and origin of land forms. Laboratory required.	
121	HISTORICAL GEOLOGY	3
	A study of the history of the Earth, including major geologic and biologic events. Prerequisites: GEOL 101 Introduction to Physical Geology, PALEO 101 Introduction to Paleontology, or permission of instructor.	
133	ENVIRONMENTAL GEOLOGY.....	4
	This course is an introduction to processes involved in shaping the Earth. This course will focus primarily on how human activities impact the Earth's physical environment. Specific topics include: rocks and minerals, streams and flooding, mass movement, water as a resource, soil as a resource, and pollution.	
201	MINERALOGY AND PETROLOGY	3
	This class is a study of rocks and minerals, their properties and how they relate to each other. Prerequisites: GEOL 101 Introduction to Physical Geology or permission of instructor.	
221	SEDIMENTOLOGY AND STRATIGRAPHY	3
	A study of sedimentary rocks, how they are formed and how to interpret them with respect to environment and geologic history of a region. Prerequisites: GEOL121 Historical Geology, GEOL 201 Mineralogy and Petrology, PALEO 201 Advanced Paleontology ,or permission of instructor.	
243	ATMOSPHERIC SCIENCE	3
	This course is a study of the basic physical principles applied to the study of atmospheric phenomena. Topics include the structure of the atmosphere, atmospheric motions, meteorological processes, air masses, fronts, weather map analysis, weather forecasting, and severe storms.	
299	GEOLOGY SPECIAL TOPICS	1-4
499	GEOLOGY SPECIAL TOPICS	1-4

PHYSICS (PHYS)

- 102 PHYSICAL SCIENCE 4
Elementary principles of physics, meteorology, chemistry, geology, and astronomy. Laboratory required. Prerequisite: MATH 101 Mathematics or approval of instructor.
- 110 ASTRONOMY 4
This course is an introduction to astronomy, which covers the operations and functions of a telescope, star charting, the solar system, planets, stars and the universe. Laboratory required. Prerequisite: MATH 101 Mathematics or approval of instructor.
- 211 COLLEGE PHYSICS I..... 4
This is the first semester course in physics for students without a calculus background. The course will cover topics relative to Newton's Laws of Motion. These will include describing motion, falling objects and projectile motion, explaining motion, circular motion, the planets and gravity, energy and oscillations, momentum and impulse, and the rotational motion of solid objects. Laboratory required. Prerequisite: High school algebra, MATH 101 Mathematics or approval of instructor.
- 212 COLLEGE PHYSICS II..... 4
This is the second semester course in physics for students without a calculus background. The course will cover topics in fluids and heat, heat engines and thermodynamics, electricity and magnetism, wave motion and optics, radiation, atomic spectra, quantum mechanics, nuclear chemistry and relativity. Laboratory required. Prerequisite: PHYS 211 College Physics I.
- 299 PHYSICS SPECIAL TOPICS 1-4
- 499 PHYSICS SPECIAL TOPICS..... 1-4

PALEONTOLOGY (PALEO)

- 101 INTRODUCTION TO PALEONTOLOGY 3
An overview of basic principles and concepts in invertebrate and vertebrate paleontology, including field and laboratory techniques.
- 121 TECHNIQUES IN CURATION AND PREPARATION 2
In this course, students will learn and practice methods of preparing, making reproductions of and cataloging fossils. Prerequisites: GEOL 105 Physical Geology, PALEO 101 Introduction to Paleontology, or permission of instructor.

- 131 PALEONTOLOGY FIELD SCHOOL..... 3
 This course introduces the basic methods, techniques and principles in field paleontology as a hands-on learning experience at one, or several known paleontological localities of the late Cretaceous Hell Creek and Fox Hills formations on the Standing Rock Reservation. Prerequisites: GEOL 121 Historical Geology, PALEO 101 Introduction to Paleontology, or permission of instructor.
- 201 ADVANCED PALEONTOLOGY 4
 A study of paleontological concepts and evolutionary processes such as speciation, natural selection, classification, etc. Prerequisites: GEOL 121 Historical Geology, PALEO 101 Introduction to Paleontology, or permission of instructor.
- 221 FIELD RESEARCH PROJECT 3
 The student will develop and execute an individual, original research project based on the Paleontology Field School experience. The project may focus on any combination of paleontology, paleobiology, paleoecology, paleoenvironment, sedimentology, stratigraphy and/or any other pertinent field(s) of paleontology and geology. Prerequisites: PALEO 131 Paleontology Field School, PALEO 201 Advanced Paleontology, ENG 110 English I, or permission of instructor.

DIVISION OF NATIVE AMERICAN STUDIES

NATIVE AMERICAN STUDIES (NAS)

- 101 LAKOTA/DAKOTA LANGUAGE I..... 4
 This course will provide an introduction to the Lakota/Dakota language. The course will emphasize the sounds of the Lakota/Dakota language, correct pronunciation, and the alphabet used to represent those sounds. The course will also focus on Lakota/Dakota male and female speech patterns, kinship terms, the numeric system, vocabulary for seasons, weather, animals, foods, environmental and cultural contexts, and basic sentence structure.....
- 102 LAKOTA/DAKOTA LANGUAGE II..... 4
 This is an advanced course designed to enhance the use of the Lakota/Dakota language in both written and oral forms. Emphasis is on pronunciation, a more advanced examination of grammar, an expanded vocabulary, and continued practice in reading, writing, and speaking the language. Lessons will include discussion of Lakota/Dakota history, culture, oral tradition, and ceremonies with specific reference to the language. Prerequisite: NAS 101 Lakota/Dakota Language I.

- 105 LAKOTA/DAKOTA CULTURE I..... 3
 This course will survey the history and culture of the Lakota/Dakota people, including both the past as well as the lived reality of the contemporary Lakota/Dakota reservations. Topics the course will cover include social customs, patterns of behavior, the social system (kinship), cultural beliefs and practices (rituals and ceremony), and oral literature.
- 106 LAKOTA/DAKOTA CULTURE II..... 3
 This course is a continuation of NAS 105 Lakota/Dakota Culture I. The course will provide a specialized study of Lakota/Dakota culture, covering both the past as well as the lived reality of the contemporary Lakota/Dakota reservations. The use of Lakota/Dakota accounts (both oral and written) as primary sources of knowledge and understanding will be emphasized. Topics to be covered include a detailed examination of certain ceremonies and rituals, curing practices, military and social societies, and songs and dances.
- 107 HISTORY OF NATIVE AMERICAN EDUCATION..... 3
 This course will provide a general historical survey of the encounters between Native American and Western education systems, including traditional tribal education, mission schools, BIA schools, and current school systems both on and off reservations in the United States and Canada.
- *108 NATIVE AMERICAN HISTORY 3
 This course will provide a general survey of Native American history from their original presence in the western hemisphere up to the beginning of the allotment era (1880s). The course will focus on the political, economic, social, and cultural forces that have characterized relations between Native and non-Native Americans over the nearly 400 years from 1492-1880.
- *109 NATIVE AMERICAN HISTORY 3
 This course will provide a survey of Native American history from the era of forced assimilation and allotment to the contemporary period of self-determination and cultural revitalization. The course will focus on the political, economic, social, and cultural forces that have characterized relations between Native and non-Native Americans over the past 130 years.
- *110 LAKOTA MUSIC AND DANCE 3
 This course will provide an introduction to the music and dance of the Lakota/Dakota. The course will include the traditional repertory, cultural context of musical and dance performance, musical styles and song types, dance styles, and study of dance regalia. Some comparative material from other Native American tribes will be included.

- 112 INTRODUCTION TO NATIVE AMERICAN STUDIES..... 3
 This course will provide an introduction to the concepts and methods of Native American Studies, with an emphasis on the history, culture, and government of the tribes of North and South Dakota – particularly, the Lakota/Dakota, Mandan, Hidatsa, Arikara (Sanish), and Plains Ojibwa (Chippewa). This course meets the Education Standards and Practices Board Native American Studies requirement for teacher certification.
- *201 INTRODUCTION TO CULTURAL ANTHROPOLOGY 3
 This course examines the methods, theories, and content of cultural anthropology, which is the study of human social and cultural diversity. The course will explore the richness and variety of human life in the world, covering such topics as kinship and social organization, political and economic systems, gender and sex roles, medical and religious belief systems, and social and cultural change. Emphasis will be placed on the peoples of Native North America.
- *202 NATIVE AMERICAN IMAGES IN FILM 3
 This course will provide a critical examination of images and representations of Native Americans and their cultures in American film. The course will include relevant readings and analysis of particular films by non-native and indigenous film makers.
- *203 LOCAL TRIBAL GOVERNMENT..... 3
 This course offers an introductory examination of tribal government, including analysis of the history, development, structure and politics of tribal peoples and governments. The course will also include the issues of dual citizenship, the powers of tribal government, and the relationships between federal, state, and tribal governments. Emphasis will be on Standing Rock Sioux Tribe.
- *204 NATIVE AMERICAN GOVERNMENTS: TRADITIONAL AND CONTEMPORARY3
 This course will survey the structure of various American Indian tribal governments (both traditional and contemporary), and will examine the on-going struggle to retain sovereign powers of self-government over internal affairs and preservation of a land base and natural resources. The course will examine key events and legislation in American Indian policy that have affected tribal governments and shaped how those political institutions relate to state and federal governments.
- *208 LAKOTA TRADITION, PHILOSOPHY, & SPIRITUALITY 3
 This course is an examination of traditional Lakota/Dakota philosophical and spiritual beliefs, specializing in the study of documentation of the history and evolution of Lakota/Dakota ceremonies and rituals, as well as the “thought-in-practice” of traditional Lakota/Dakota medicine people.

- 213 LAKOTA/DAKOTA ORAL TRADITION AND STORYTELLING 3
 This course will provide an introduction to traditional Lakota/Dakota oral tradition and storytelling, including an examination of the general narrative structure, characters, content, and thematic characteristics of the Lakota/Dakota categories of oral narratives as well as stylistic features and other aspects of the actual performance of storytelling.
- *218 NATIVE AMERICAN LITERATURE 3
 A study of various works by Native American writers within an historical framework, both from the oral and the written literacy tradition.
- *230 ETHNOBOTANY 3
 This course will take students into the outdoor classroom of Ina Maka – Mother Earth. Along with range plant identification, students will learn to identify 100 plants of the wetlands, grasslands, and woodlands of the Standing Rock Nation. We will identify these plants at various stages of growth, learn the English, Lakota/Dakota and scientific names of these plants and we will learn the traditional uses. We will harvest selected plants and make the traditional foods or medicines from them. We will learn the proper protocol for collecting plants in the traditional way. We will bring both western and native science into the course by investigating certain biological characteristics of the plants we find. Finally we will discuss habitat diversity – including optimal growth conditions, plant origins – including native and invasive species, and the interdependence of organisms, including plant and animal life.
- *245 NORTH AMERICAN INDIAN ART HISTORY 3
 This is a survey course exploring the arts of North American peoples from Paleolithic to contemporary times. Lectures, readings, audio-visual means, research and resource persons constitute the main learning activities.
- *246 TRADITIONAL LAKOTA/DAKOTA ART 3
 Lectures and demonstration of traditional arts forms. Students will complete the production of one piece in a selected media.
- *247 NATIVE AMERICAN ART PROJECTS 3
 Creation of art activity based on the five different cultural aesthetics: Northwest Coast Transformation Masks, Plains Style Parfleches, Southeastern Shell Carving, Woodlands Beadwork, and Southwest Pottery Designs. Students will be required to complete five (5) different projects.
- 299 NATIVE AMERICAN STUDIES SPECIAL TOPICS 1-3

- 301 LAKOTA/DAKOTA LANGUAGE III..... 4
 This is an advanced course designed to teach advanced grammar and Lakota/Dakota literacy, with an emphasis on verb conjugation, composition of sentences, and in-depth study of Lakota/Dakota language texts. Prerequisite: NAS 102 Lakota/Dakota Language II.
- 302 LAKOTA/DAKOTA LANGUAGE IV 4
 This is an advanced course designed to continue teaching grammar and Lakota/Dakota literacy, with continued emphasis on verb conjugation, composition of sentences, and analysis of Lakota/Dakota language texts, as well as conversational skills and knowledge of appropriate word-usage. Prerequisite: NAS 301 Lakota/Dakota Language III.
- 309 COMPARATIVE SPIRITUALITY 3
 This course will examine different religious traditions and dimensions of human existence in the world, both historical and contemporary. The course will include such topics as the history of select religious traditions, outstanding individuals, key rituals and ceremonies, and perspectives on the sacred dimensions of human existence. Emphasis will be on the Lakota religious tradition and spirituality.
- 311 NATIVE AMERICAN WOMEN..... 3
 This course examines Native American women and their roles and experiences in traditional tribal societies. The course will include both historical and contemporary periods, including the effects of Western values and gender/sex roles on Native American societies.
- 321 PEOPLES AND CULTURES OF NATIVE NORTH AMERICA 3
 This course will provide a survey of the diversity of Native peoples and their cultures in North America, including coverage of tribes in all the major culture areas. Topics covered will include origin stories, historical and cultural development, social and kinship systems, religious belief and ceremonialism.
- 411 LAKOTA/DAKOTA HISTORY..... 3
 This course will provide a detailed study of the historical development and experiences of the Lakota and Dakota peoples, with emphasis on the impact of Euro-American contact and settlement, treaties and agreements with the federal government, conflicts with the military, and the impact of the establishment of the reservations and implementation of other federal policies.

- 420 CURRENT ISSUES IN NATIVE NORTH AMERICAN..... 3
This course will investigate a variety of contemporary issues in Indian Country, as well as the background for understanding present-day issues. Topics might include sovereignty, blood quantum, tribal enrollment, loss and revitalization of native languages and other identity issues; tribal gaming; tribal education; law enforcement; and natural resources.

- 421 LAKOTA/DAKOTA SOCIAL AND KINSHIP SYSTEMS..... 3
This course will provide a detailed analysis of the social and kinship systems of the Lakota/Dakota people, including the organization and structure of the tiyóšpaye and tiwáhe units, appropriate use of kinship terms and their associated behaviors, the values and moral philosophies of the social system, and the expectations for proper roles of males and females within traditional Lakota/Dakota society.

- 431 HISTORY OF TRADITIONAL LAKOTA/DAKOTA LEADERSHIP AND THE ITÁŃČAŃ..... 3
This course will provide a detailed analysis of the traditional Lakota/Dakota system of leadership and government, including the organization and structure of traditional band and tribal government, how leaders were selected and expectations for their behavior and moral philosophies of the leadership system, and study of specific itáŃčañ (chiefs) who greatly influenced the historical direction of the Lakota/Dakota people.

499 NATIVE AMERICAN STUDIES SPECIAL TOPICS..... 1-3

NATIVE COMMUNITY DEVELOPMENT (NCD)

- 110 COMMUNITY MOBILIZATION & ORGANIZATION..... 3
This course addresses the major contributors to begin effective Native community development and empowerment. It uncovers the major contributors to apathy and resistance to change in a Native community.

- 120 COMMUNITY ASSETS & CAPITAL 3
Understanding assets in communities are a powerful way to mobilize a community in places where mobilization was previously lacking or “impossible”. This course explores the identification of community assets and the transformation of those assets into community Capitals that allow the community to compound their own sense of empowerment.

- 130 COMMUNITY CAPACITY BUILDING..... 3
As we begin working in a community we must come to understand the dynamics of the community. We introduce concepts from which we can base strategies to positively change the community for the better and prepare community members to positively manage change in the community.

- 140 COMMUNITY LEADERSHIP 3
 The purpose of Community Leadership is to develop a larger core of leaders locally. This leadership development segment is designed to expand the leadership base of the community and to generate capacity and structure from which to identify and seize partnerships that will be needed to achieve the long term goals of the community.
- 150 COMMUNITY VISIONING AND PLANNING 3
 Visioning is the process to create a powerful new context of hope within the community. The issues that form the future of communities revolve around the notion of creating or reclaiming balance in the community. We learn how to bring a community closer to its dreams and then assigning responsibility to groups or individuals to carry out the dreams.
- 160 COMMUNITY RESOURCES AND PROJECT SUSTAINABILITY 3
 Getting the structures in place to attract and handle resources that are needed to sustain the efforts of the community. Community focused not for profit development allows the community to attract needed capital and create partnerships with outside entities that are critical to sustaining their efforts for the long term.
- 299 NATIVE AMERICAN COMMUNITY DEVELOPMENT SPECIAL TOPICS 1-3

DIVISION OF NURSING

NURSING (NURS)

- 101 INTRODUCTION TO THE NURSING PROFESSION 1
 This course will explore nursing as a profession. The student will be introduced to the concepts of health and wellness, holistic nursing practice, medical terminology, and the steps of the nursing process. Ethical and legal issues will be discussed.
- 201 HOLISTIC HEALTH ASSESSMENT ACROSS THE LIFESPAN 3
 Holistic assessments across the lifespan and the skills necessary to do them will be the focus of this class. Students will learn to do a systematic collection of health information using the nursing process. Interviewing and documentation skills in particular will be stressed. Laboratory required. Prerequisite: NURS 101 Introduction to the Nursing Profession and BIOL 220 Anatomy & Physiology I. Concurrent enrollment in BIOL 230 Anatomy & Physiology II and BIOL 202 Microbiology.

- 205 BASIC PHARMACOLOGY FOR NURSES..... 2
 This course provides the student with an introduction to clinical drug therapy. The basic knowledge and skills for the safe administration of drugs is taught. The nursing process is applied to the administration of a variety of clinical drugs. Prerequisite: NURS 201 Holistic Health Assessment Across the Lifespan.
- 206 FUNDAMENTAL NURSING INTERVENTIONS 4
 This course teaches the student the basic knowledge, principles, and skills fundamental to the practical nursing role. The skills will include both traditional and complementary techniques. The student will gain confidence in these skills by practicing on peers, self, and models. Laboratory and nursing practice experience required. Prerequisite: NURS 201 Holistic Health Assessment Across the Lifespan.
- 231 MENTAL HEALTH/BEHAVIORAL HEALTH NURSING 2
 This course focuses on assessing, promoting, maintaining, and restoring mental health across the life span. Therapeutic communication techniques will be explored. Nursing practice experience required. Prerequisite: NURS 206 Fundamental Nursing Interventions and concurrent enrollment in NURS 205 Pharmacology.
- 245 NURSING CARE OF FAMILIES..... 4
 Knowledge from previous courses is expanded and applied to the physical, psychosocial, emotional, and spiritual needs of the childbearing and childrearing family. The focus remains on the role of the practical nurse in assessing, planning, implementing, and evaluating nursing care under the supervision of a registered nurse when indicated. Nursing practice experience required. Prerequisite: PSYC 252 Child and Adolescent Psychology, NURS 206 Fundamental Nursing Intervention and concurrent enrollment in NURS 231 Mental Health/Behavioral Health Nursing.
- 246 NURSING CARE ACROSS THE LIFESPAN..... 9
 This course focuses on the transitions and experiences of families and individuals during the adult years. Knowledge from previous courses is expanded and applied to the physical, psychosocial, emotional, and spiritual needs of the maturing and aging family. The focus remains on the role of the practical nurse in assessing, planning, implementing, and evaluating nursing care under the supervision of a registered nurse when indicated. Nursing practice experience required. Prerequisite: NURS 231 Mental Health/Behavioral Health Nursing and NURS 245 Nursing Care of Families.

- 297 CAPSTONE EXPERIENCE IN NURSING..... 1
 This course provides the student with the opportunity to develop confidence in their competence as they transition to the beginning practical nurse role. This is a practical experience during which the student works closely with selected health professionals in a variety of nursing practice settings. Prerequisite: Satisfactory completion of all degree requirements for Associate of Science in Practical Nursing AND Consent of Instructor.
- 299 NURSING SPECIAL TOPICS..... 1-3

DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE

ANTHROPOLOGY (ANT)

- *201 INTRODUCTION TO CULTURAL ANTHROPOLOGY 3
 This course examines the methods, theories, and content of cultural anthropology, which is the study of human social and cultural diversity. The course will explore the richness and variety of human life in the world, covering such topics as kinship and social organization, political and economic systems, gender and sex roles, medical and religious belief systems, and social and cultural change. Emphasis will be placed on the peoples of Native North America.
- 299 ANTHROPOLOGY SPECIAL TOPICS..... 1-3

CRIMINAL JUSTICE (CJ)

- 201 INTRODUCTION TO CRIMINAL JUSTICE 3
 Basic introduction to the three primary elements of the American Criminal Justice system – law enforcement, the courts, and corrections. The course will briefly explore the history of policing, constitutional law, criminal law, and the relationship between American law and Indian tribes and general aspects of tribal law.
- 203 INTERVIEWING AND INTERROGATION 3
 This course is an Introduction to techniques commonly used to conduct one-on-one interviews and interrogations. Emphasis is placed on the legal and practical differences between interviews of witnesses and interrogations of criminal suspects. Course uses classroom settings and practical applications to identify and refine methods used to detect truthful, as well as deceptive, actions or responses. Prerequisite: CJ 201 Introduction to Criminal Justice.

- 205 INDIAN LAW..... 3
 This course will examine both tribal and federal Indian law from historical and social perspectives, the roles and functions of various agencies, and the processes involved in the administration of American Indian law. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 215 CRIMINAL PROCEDURES 3
 This course examines the methods and mechanics of the legal process with a particular emphasis on arrest, search, and seizure, and the rights and responsibilities of the various actors during the investigation and prosecution of a criminal act. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 225 INTRODUCTION TO AMERICAN COURTS 3
 This course examines the structure, jurisdictions, responsibilities, and constitutional authority of the various courts within the American criminal justice system. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 226 CRIMINAL INVESTIGATIONS 3
 An introduction to principals and procedures used in criminal investigations including crime scene management and documentation, chain of custody, and evidence collection and preservation techniques. Prerequisites: CJ 201 Introduction to Criminal Justice.
- 230 CRIMINAL LAW..... 3
 This course investigates the principles of criminal accountability, including an analysis of substantive law and the elements necessary to prove crimes against persons, property, and society. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 235 CRIMINAL EVIDENCE 3
 This course will provide an in-depth analysis of the rules of evidence within the American criminal justice system. Topics include admissibility, relevancy, materiality, weight, burden of proof, examination of witnesses, testimony, and types of evidence. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 245 SURVEY OF FORENSIC SCIENCES 3
 This course is a basic investigatory analysis of the various disciplines involved in the Forensic Sciences and their application to the investigation and prosecution of criminal acts. Prerequisite: CJ 201 Introduction to Criminal Justice.

- 252 CRIMINOLOGY 3
 This course is a survey of the historical, philosophical, and theoretical causes and definitions of deviance and criminality and society's responses to these issues with a special emphasis on the extent, theories of causation and punishment, and efforts at prevention of criminal behaviors. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 253 JUVENILE JUSTICE 3
 This course examines the historical, philosophical, and organizational foundations of the American juvenile justice system and the functions, jurisdictions, and roles of the various juvenile justice actors and agencies. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 270 INTRODUCTION TO CORRECTIONS 3
 This course examines the various theories, models, and applications of corrections including retribution, rehabilitation, and isolation from historical and theoretical perspectives and examines the roles of various actors within the correctional system. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 290 CRIMINAL BEHAVIOR ANALYSIS 3
 This course examines assorted approaches to criminal behavioral analysis. Topics include the philosophical, taxonomic, and practical studies of the various types of criminal behaviors and their applications to the investigation and prosecution of crimes of violence. Prerequisite: CJ 201 Introduction to Criminal Justice.
- 297 CRIMINAL JUSTICE INTERNSHIP/CAPSTONE EXPERIENCE 3
 This provides the student with the opportunity to experience the employment areas of their program of study. Students will complete a minimum 135 hours of internship training provided by various employers in the Criminal Justice Field. For those who are unable to, or choose not to find internship placement within their individual areas of interest, students who select the capstone experience option will pursue a plan of independent study relating to their chosen field of study culminating in a thesis and multi-media presentation. Prerequisite: Students, through advisor approval, will only be allowed to complete internship/capstone within the last two semesters of the Criminal Justice degree plan.
- 299 CRIMINAL JUSTICE SPECIAL TOPICS 1-3
- 320 ETHICS IN CRIMINAL JUSTICE 3
 Examines the philosophical, moral, and ethical bases of human behavior from a criminal justice perspective. Students discuss justice, law, punishment, moral decision-making, and ethical and legal dilemmas in law enforcement, the courts, and sentencing.

- 321 CRIME, TRIBAL POLICY, AND TRIBAL POLICING 3
This course will explore the role, conflicts, and cooperation of tribal police agencies, Tribal courts, and Tribal governments in preventing crime and administering justice on the reservation. Special attention will be given to the many challenges faced by Tribal police departments, such as heightened crime rates, a lack of resources (working patrol vehicles, 911 systems, overall funding), and vast patrol areas. This course analyzes the structure of Tribal law enforcement and the ways it differs from mainstream policing; the role of women, tribal members, and others who comprise tribal law enforcement personnel; tribal jails and corrections; police training; and the legal, political, cultural, and historical issues that affect American Indian Tribal policing.
- 325 TRIAL TECHNIQUES..... 3
This course is designed to familiarize students in all areas of the criminal justice system with the techniques and practices of the courtroom by utilizing mock student trials in which the students act as advocates, witnesses, judges, court officials, and police officers.
- 350 FISH AND GAME MANAGEMENT AND ENFORCEMENT IN INDIAN COUNTRY3
This course will expose students to the legal basis and purpose of Tribal game and fish management and enforcement practices by studying the Standing Rock Sioux Tribe’s management and enforcement mechanisms and conflicts, including the interaction of federal, state, and Tribal laws and jurisdictions.
- 390 CRIME ANALYSIS 3
This course will emphasize the analysis of crime patterns and criminal behavior and consider the identification of evolving or existent crime patterns and serial crimes, the forecasting of future crime occurrences, and the initiation of target profile analysis.
- 402 SPECIAL POPULATIONS AND AMERICAN JUSTICE..... 3
Examines the historical and contemporary practices of the American criminal justice system in relation to women, various racial and ethnic groups, the handicapped, the elderly, and other historically marginalized special populations.
- 407 SOCIOLOGY OF LAW AND CRIME PREVENTION AS SOCIAL CONTROL..... 3
This course will explore the social impacts of the criminal justice system, the interaction of tribal, state and federal laws and criminal justice systems, and crime prevention theories and models on the Native American experience. Students will be assigned research and writing assignments pertaining to the alarmingly high juvenile and adult crime rates on Standing Rock, and engage in a sociological analysis of how the law shapes and is shaped by social structure and culture while examining different methods of crime prevention and social control.

435 RESTORATIVE JUSTICE AND CORRECTIONAL ALTERNATIVES..... 3
 This course will examine the various forms and effectiveness of alternative justice systems. Native justice involves bringing together victims, offenders, and their supporters to resolve problems, and healing and reintegrating individuals into the community is of paramount importance. Special emphasis will be given to the issues of youth and adult offenders, recidivism, and the effective prevention and treatment of various social ills on Standing Rock and in other Native communities.

499 CRIMINAL JUSTICE SPECIAL TOPICS 1-3

ECONOMICS (ECON)

201 MICROECONOMICS 3
 This course focuses on the nature, method, and scope of economic analysis, economic scarcity, resources, specialization of labor, supply-demand analysis, production and cost analysis, product and resource market structures, distribution of income, international trade, and economics of information and externalities.

202 MACROECONOMICS 3
 This course centers on aggregate income and employment analysis, business cycles, unemployment, inflation and economic growth, fiscal policy, money and monetary policy, the U.S. economy and the world economy.

300 MONEY AND BANKING 3
 An introduction to the financial system and the impact of money and monetary policy on the economy.

310 ECONOMIC DEVELOPMENT 3
 An analysis of the factors affecting the economic growth and development of the nation and how it relates to the Standing Rock Reservation. It will include discussion of problems that affect development of policies.

299 ECONOMICS SPECIAL TOPICS 1-3

499 ECONOMICS SPECIAL TOPICS 1-3

GEOGRAPHY (GEOG)

161 WORLD GEOGRAPHY 3
 This is a survey course covering regions of the world with the emphasis on the economic, physical, and cultural criteria used to differentiate one region from another.

- 201 GEOGRAPHY I 3
 An in depth course in regional geography covering the Western Hemisphere including Oceania (Australia, New Zealand, New Guinea and Pacific Islands). Basic content and methodology of geography such as climate, landforms, populations, distribution, and analysis of human, physical, economic, cultural, and political features on a map will be covered.
- 202 GEOGRAPHY II 3
 An in depth course in regional geography covering the Eastern Hemisphere including Europe, Asia, Africa, the Middle East (South West Asia). Basic content and methodology of geography such as climate, landforms, population distribution, and analysis of human, physical, economic, cultural, and political features on a map will be covered.
- 299 GEOGRAPHY SPECIAL TOPICS 1-3

HUMAN SERVICES (HS)

- 101 INTRODUCTION TO HUMAN SERVICES 3
 This course provides an orientation to the field of human services and provides an opportunity to explore human service occupations and professional organizations. It gives an introduction to the philosophical framework, the major theoretical models, and the function and roles of a human service worker. A component of the course will include a service-learning project.
- 102 INTERVIEWING I 3
 This course is an introductory experience in active listening. The emphasis is on basic awareness and communication skills, empathetic listening, and positive regard for the client. It provides students with the basic overview of the attitudes, knowledge, and skills which human service professionals need when they conduct interviews.
- 103 INTERVIEWING II 3
 This course builds upon the basic skills learned in HS 102 Interviewing I. It emphasizes the development of skills utilizing theories, practice and case application to allow students to conduct interviews. It provides students with the overview of the attitudes, knowledge, and skills which human service professionals need when they conduct interviews. Prerequisite: HS 102 Interviewing I.
- 201 CASE MANAGEMENT I 3
 This course will focus on concepts of problem identification and assessment. The course will concentrate of skill development as opposed to theoretical concepts.

- 202 CASE MANAGEMENT II 3
 This course will build on HS 201 Case Management and will focus on concepts of intervention and evaluation of interventions. Students will gain a working knowledge of short-term intervention. The course will concentrate on skill development as opposed to theoretical concepts. Prerequisite: HS 201 Case Management I.
- 211 SUBSTANCE ABUSE COUNSELING 3
 This course will focus on alcohol and drug abuse treatment methods needed for working with special populations, group techniques, relapse prevention, and non-traditional treatment methods. Prerequisite: SOC 210 Chemical Dependency.
- 220 MANAGEMENT & ADMINISTRATION IN HUMAN SERVICES 3
 This course is designed to provide students with a comprehensive overview of planning, evaluating, managing, community relations and other activities which affects the operation of a human service agency.
- 260 CRISIS INTERVENTION/SUICIDE PREVENTION 3
 This course focuses on crisis intervention aspects applicable to the field of human services. The course will give the student an opportunity for competency development and increased understanding of emergency, legal, and therapeutic interventions. Prerequisites: HS 101 Introduction to Human Services, HS 102 Interviewing.
- 297 HUMAN SERVICES INTERNSHIP..... 3
 This course provides the student opportunities to gain supervised, practical experience working in a human service profession. A minimum of 135 hours of field experience and completion of a competency portfolio are required. Students must pass with a "C" or better. One semester hour of credit is equivalent to forty-five (45) contact hours. Prerequisites: Advisor approval and completion within the last two semesters of the Human Service Technician degree plan.
- 299 HUMAN SERVICES SPECIAL TOPICS 1-3
- 310 GRIEF AND LOSS 3
 Students will study the life cycle and other theoretical perspectives of loss and grief as well as the social justice, conceptual, cultural, and moral issues relating to death and dying. This course will encompass an in-depth exploration of the physical, emotional, and spiritual dimensions of death and dying, and the process of bereavement. These topics will be considered with awareness of history and of various cultures with the central stress being on the present and on multiculturalism.

- 315 PARENT-CHILD RELATIONSHIPS 3
 This course will provide the student with an in-depth look at the concepts, tasks and current status of parenting. It will focus on a variety of types of families, as well as the risks and challenges they face. Topics include parent education and participation in the learning process, family and community lifestyles, child abuse, and contemporary family issues.
- 320 YOUTH AT RISK..... 3
 This course is intended to educate the student about the causes and special challenges of the at-risk adolescent. Alternatives to traditional outpatient psychotherapy or hospitalizations will be reviewed.
- 350 THEORIES OF INTERVENTION IN HUMAN SERVICES..... 3
 This course covers contemporary theories and techniques of counseling, the counseling process, comparison of various theoretical approaches, and introduction to professional and ethical issues in the helping profession.
- 401 MENTAL DISABILITIES 3
 This course will provide students with a base of information necessary for understanding individuals with severe long term mental illness. The course will focus on bio-psychosocial and cultural issues effecting them, their roles in the community, the rehabilitation process, the technologies in use, and the roles/functions of personnel working with this population. This course is also designed to assist learners in making connections between mental health concerns and the overall ability of individuals to experience a desirable quality of life in the social and cultural contexts they prefer.
- 402 PHYSICAL DISABILITIES 3
 This course explores the medical and psychological aspects of a variety of physical disability conditions. The material includes an overview of rehabilitation approaches for persons with each group of disability conditions. Students will explore and reassess their attitudes toward physical disabilities in general. Prerequisite: HS 401 Mental Disabilities
- 455 DOMESTIC VIOLENCE, ABUSE, AND NEGLECT 3
 This course will cover violence in intimate relationships ranging from the traditional family situation to alternative family structures. Although considerable attention will be devoted to wife abuse and child abuse, substantial consideration will be addressed for elderly abuse, GLBT abuse, dating violence, neglect, husband abuse, and characteristic of societies and cultures which enhance and promote interpersonal violence. There will also be a section on how culture, race, and ethnicity impacts domestic violence and how interventions may need to be modified in order to meet the diverse needs women affected by violence in ethnic minority and immigrant groups.

497 SENIOR SEMINAR 1
This course involves a review of the major competencies of the Human Services curriculum. This seminar course serves to assist students in the integration of their previous human service coursework and field experience through contemporary literature.

499 HUMAN SERVICES SPECIAL TOPICS 1-3

POLITICAL SCIENCE (POLS)

115 AMERICAN GOVERNMENT 3
This course is a study of the United States federal government. Topics covered are the U.S. Constitution, federalism, links between citizens and the government, institutions, civil liberties, civil rights, and public policy making.

116 STATE & LOCAL GOVERNMENT 3
This course will examine the structure and processes of state and community government, and their relationship to the federal government. Special attention will be given to North and South Dakota government, and the interaction of state and local government with the Standing Rock Sioux Tribal Government.

*203 LOCAL TRIBAL GOVERNMENT 3
This course offers an introductory examination of tribal government, including analysis of the history, development, structure and politics of tribal peoples and governments. The course will also include the issues of dual citizenship, the powers of tribal government, and the relationships between federal, state, and tribal governments. Emphasis will be on Standing Rock Sioux Tribe.

*204 NATIVE AMERICAN GOVERNMENTS: TRADITIONAL AND CONTEMPORARY 3
This course will survey the structure of various American Indian tribal governments (both traditional and contemporary), and will examine the on-going struggle to retain sovereign powers of self-government over internal affairs and preservation of a land base and natural resources. The course will examine key events and legislation in American Indian policy that have affected tribal governments and shaped how those political institutions relate to state and federal governments.

299 POLITICAL SCIENCE SPECIAL TOPICS 1-3

PSYCHOLOGY (PSYC)

- 100 PSYCHOLOGY OF STUDENT SUCCESS 3
The purpose of this course is to provide an opportunity for students to learn and adopt methods to promote their success in school and life. Topics in this course include critical thinking skills, career planning, time organization, test-taking, communication skills, study techniques, question-asking skills, library use, and personal issues that face many college students.
- 111 INTRODUCTION TO PSYCHOLOGY 3
This course is designed to introduce students to the many and varied facets of psychology. Emphasis throughout the course will be on interactions of individuals in their cultural, social and economic environments as determined by their cognitive, behavioral and emotional experiences and training.
- 255 CHILD & ADOLESCENT PSYCHOLOGY 3
This course examines the cognitive, physical and psychological changes that take place from birth through adolescence. Emphasis is placed on the description and explanation of the dimensions of developmental change. Prerequisite: PSYC 111, Introduction to Psychology.
- 270 ABNORMAL PSYCHOLOGY 3
This course will build the strengths of theoretical systems and clinical methods to provide students with a comprehensive and real-world overview of the field of abnormal psychology. This course will focus in on maladaptive behavior as a product of the interaction between personal vulnerabilities and resiliencies. Prerequisite: PSYC 111 Introduction to Psychology.
- 299 PSYCHOLOGY SPECIAL TOPICS 1-3
- 355 ADULT DEVELOPMENT AND AGING 3
This course provides an overview of the key ingredients necessary for a successful old age, with an emphasis on mental health needs of older persons. Also, common emotional problems facing older persons will be considered. The course will review a variety of treatment principles and skills supportive of positive mental health among the elderly. This course will examine commonly accepted stereotypes of later life and compare these myths with factual information about the physical, emotional, and spiritual changes that often accompany senescence. Healthy aging will be emphasized, as well as support systems available to older adults.

476 GROUP DYNAMICS 3
This course is intended to explain the basic issues and key concepts of group process and to familiarize the student with the theoretical perspectives of group dynamics. This course also will enable the student, as a group leader or member, to apply these concepts in working with a variety of groups (including family, therapeutic groups, and in-class groups).

499 PSYCHOLOGY SPECIAL TOPICS 1-3

SOCIOLOGY (SOC)

100 JOB SEEKING SKILLS 2
This course is designed to assist students with developing the skills necessary to be successful in the world of work. The course will include self-assessment, exploring careers, resumes, interviewing, and job seeking and job keeping skills. Prerequisites: Advisor approval and completion within the last two semesters of one's degree plan.

110 INTRODUCTION TO SOCIOLOGY 3
This course is a general introduction to the scientific study of group life, culture, social institutions, and social interaction.

115 SOCIAL PROBLEMS 3
Theoretical analysis of contemporary social issues. Topics include economics, politics, education, the family, inequality between racial, ethnic and gender groups, poverty, crime and deviance, and drug and alcohol abuse.

210 CHEMICAL DEPENDENCY 3
This course provides an overview of the broad field of drug abuse and alcoholism including pharmacology, legal aspects of drug abuse, intervention and prevention, physiology and psychological aspects of alcohol. Alternatives to substance abuse and the self-destructing behaviors will be explored.

211 CHEMICAL DEPENDENCY II 3
Emphasis will be placed upon psychological and behavioral effects of drugs and addiction. A laboratory is required which involves designing, implementing and reporting on individual projects of addiction rehabilitation. Prerequisite: SOC 210 Chemical Dependency I.

- 220 THE FAMILY 3
This course will review the differing theories of family development and how those theories relate to a variety of issues. These theories will include structural functionalism, symbolic interaction, exchange theory, systems theory, and Bowen family systems theory. The course will look at a variety of issues and how they affect the family. These will include aging family members, dislocation and unemployment, teenage childbearing, chronic illness, families with special needs children, drug and alcohol abuse, domestic violence, crime and delinquency and family response to death. Prerequisite: ENGL 110 English I, ENGL 120 English II.
- 253 JUVENILE DELINQUENCY..... 3
This course studies theories, legal codes and law enforcement, and programs to prevent and treat juvenile delinquency.
- 299 SOCIOLOGY SPECIAL TOPICS..... 1-3