BIOL 220 Anatomy & Physiology I (3) Mehus Online The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the first course of a two course sequence. Topics covered in this course will include organization from atomic structure to organ level structure, the integumentary system, skeletal, muscular, respiratory and cardiac systems. Pre-req: None. BIOL 111 or BIOL 150 or equivalent and CHEM 121 are highly recommended. Co-req: BIOL 220L Essential Studies. (Class# 11784 and 11785)

BIOL 220L Anatomy & Physiology I Lab (1) Mehus Online Laboratory topics to be covered are designed to complement the materials studied in BIOL 220. Topics include activities related to cellular structure, micro- and macroscopic observations and interpretations of cellular, tissue, integument, skeletal, muscular, cardiac system structures and tissues, and dissection of animal specimens. Activities related to the study of physiology are also included. Co-req: BIOL 220. Essential Studies. (Class# 11786 and 11787)

BIOL 221 Anatomy & Physiology II (3) Mehus Online The study of anatomy and physiology of the human body will be studied as an integrated topic. This is the second course of a two course sequence. Topics which will be covered include the nervous, endocrine, digestive/metabolism, urinary, and reproductive systems. Elements of development and growth, and of human genetics will also be considered. Pre-req: None. BIOL 111 or BIOL 150 or equivalent, BIOL 220/220L, and CHEM 121 are highly recommended. Essential Studies. (Class# 11788 and 11789)

BIOL 221L Anatomy & Physiology II Lab (1) Mehus Online Laboratory topics to be covered are designed to complement the materials studied in BIOL 221. Topics include activities related to the nervous, endocrine, digestive, urinary, and reproductive systems. Genetics and developmental topics will be reviewed. Microscopic specimens will be examined as appropriate. Animal specimens will be dissected and activities related to the study of human physiology are also included. Co-req: BIOL 221. Essential Studies. (Class# 11790 and 11791)

BOTE 347 Computer Applications in Business (3) Nelson Online Intermediate to advanced use of spreadsheet (Excel) and database (Access) applications. Students have opportunity to develop and adapt technology skills used in applying business theory to analyze and solve problems. Pre-req: CIS 114 and CIS 116. This course is recommended as a prerequisite for BUSN 323 Managerial Finance. (Class# 12331)

BUSN 305 Foundations in Entrepreneurship (2) Olson Online This course will provide a basic understanding of the entrepreneurial process. The student will spend time researching successful and unsuccessful new business ventures and interacting with entrepreneurs. A comprehensive self-assessment will help students better understand their own personal aspirations while identifying necessary skill sets and competencies. Oral and written communication skills will be featured in this introductory course. Pre-req: CIS 112, CIS 118, BADM 302. (Class# 11914)

BUSN 334 Business Communication (3) Staff Online This course is designed to cover a full range of business communications whether it be external/internal written, oral, and/or nonverbal. The application of skills will be exhibited by using traditional methods and technology. This course requires students to demonstrate successful individual and collaborative communication skills in the areas of electronic, verbal, and nonverbal communication. This course should immediately improve a student's communication while building a solid foundation of skills to be used inside and outside of the contemporary business environment. Pre-req: ENGL 120 or ENGL 125, COMM 110. (Class# 11915)

BUSN 351 Human Resource Management (3) Johnston Online This course provides students an opportunity to learn the importance of managing an organization's human resources. Students will examine how human behavior, legal framework, individual differences, and employee performance influence the organizational goals and objectives. A critical component of this course includes strategically planning and applying human resource functions to a business experiencing change. Pre-req: BADM 302. (Class# 11318)

BUSN 430 Professional Leadership (3) Johnston Online This course is designed to provide the student with understanding and experiences in multiple frameworks of leadership: interest, awareness, exploration, demonstration. The instruction will focus on understanding what leadership is all about and the theory that surrounds position, personal, transactional, transformational, and situational leadership. In addition, other aspects of leadership and leadership theory will be studied. The student will also identify leaders within a local community and use spontaneous leadership opportunities to apply the knowledge gained while enhancing his/her leadership potential. Pre-req: Junior standing. (Class# 11923)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Instructor</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 110</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
<td>Keating</td>
<td>Online</td>
<td>This course focuses on the theory and practice of discussing, informing, persuading, and entertaining in a public speaking context, with appropriate use of graphic presentation software and other current technologies and includes a section on electronic communication. This essential studies course prepares the student for active participation in oral and electronic communication not only in the classroom, but also as a member of the community. Pre-req. None. Essential Studies. (Class# 12674)</td>
</tr>
<tr>
<td>EC 210</td>
<td>Introduction to ECE</td>
<td>3</td>
<td>Keating</td>
<td>Online</td>
<td>During the first semester of the first year a student is in the Early Childhood program. Students will learn about the early childhood profession, its multiple historical, philosophical, and social foundations. The conditions of children, families, and professionals that affect programs for young children will also be explored. Some of the conditions addressed include cultural diversity, socio-economic conditions, and family structures. Course content also includes play, and the stages of cognitive, social/affective, and physical development of young children. This course is for educators who will be teaching in Birth to Third Grade classrooms. Pre-req. None. Co-req. EC 211. Cross-listed with EDUC 210. (Class# 11816)</td>
</tr>
<tr>
<td>EC 211</td>
<td>Observations, Assessment, and Interpretation Techniques</td>
<td>3</td>
<td>Keating</td>
<td>Online</td>
<td>This course emphasizes the importance of skillful observation when planning appropriate activities and experiences for children. In addition, the Course will explore the use of informal and formal assessment strategies to plan and individualize curriculum and teaching practices. Students will review, use and interpret assessment instruments to determine the ability levels of children (birth-8yrs) representing &quot;at risk&quot; populations, those with developmental disabilities and special abilities. This course is for educators who will be teaching in Birth to Third Grade classrooms. The class serves as the required course in assessment of young children/children with special needs for early childhood special education licensure. Pre-Req. None. Co-req. EC 210. Cross-listed with EDUC 211. (Class# 11817)</td>
</tr>
<tr>
<td>EC 313</td>
<td>Language &amp; Literacy in ECE</td>
<td>3</td>
<td>Enger</td>
<td>Online</td>
<td>A continuation of EC 333, this course explores Language Arts in Early Childhood classrooms. The focus will be on literacy, which includes reading, writing, listening and speaking. Students will develop materials and activities that are developmentally appropriate and based on knowledge of individual children. Second-language development is discussed in regard to preserving a child’s home language in order to set a firm foundation for the learning of a second language and the overall enhancement of a child’s language and literacy skills. This course is for educators who will teach in Birth to Third Grade classrooms. Pre-req. EC 333. (Class# 11813)</td>
</tr>
<tr>
<td>EC 333</td>
<td>Pre-K Methods/Materials</td>
<td>3</td>
<td>Enger</td>
<td>Online</td>
<td>This course emphasizes developmentally appropriate curricula based on the needs and interests of individual pre-kindergarten children. This includes an awareness of each child’s culture and family background when planning activities. Because play is critical to a child’s development, students will plan and implement both child-directed activities and teacher-directed lessons. Students will also design and assess teacher made materials. They will demonstrate effective teaching techniques in various curriculum areas, including science, math, arts, music and movement, literacy, and social studies. Pre-req. EC 210, EC 211. Co-req. EC 376. (Class# 11818)</td>
</tr>
<tr>
<td>EC 345</td>
<td>Grant Writing</td>
<td>2</td>
<td>Johnson</td>
<td>Online</td>
<td>This course will help students find appropriate sources for grants and offer suggestions for submitting an effective proposal. Education specific grants will be addressed as the main focus. Content will include a review of the application process, expert writing tips, specific techniques for an efficient plan, and practical advice on budget development. Pre-req. ENGL 110, ENGL 120. (Class# 11819)</td>
</tr>
<tr>
<td>EC 376</td>
<td>Field Experience in ECE</td>
<td>1</td>
<td>Willeson</td>
<td>Online</td>
<td>This course is designed to give students a field experience in an early childhood classroom where they will implement curriculum and instructional practices that are covered in EC 333: Pre-K Methods and Materials. Students will actively engage in the early childhood setting, including play time, while under the supervision of professional early childhood staff. Pre-req. EC 210, EC 211. Co-req. EC 333. (Class# 11820)</td>
</tr>
<tr>
<td>EDUC 317</td>
<td>Children’s Literature</td>
<td>3</td>
<td>Willeson</td>
<td>Online</td>
<td>A survey of children’s literature past and present. Related topics such as selection and evaluation of materials, the needs and interests of children, and the development of literature appreciation in children are also included. The course includes a clinical experience with preschool children. Students review literature related to diversity (e.g., ethnicity, race, socio-economic status, gender, exceptionalities, language, religion, and sexual orientation). Students complete online research to assist them in creating cultural units to infuse diversity and literature across the curriculum. Pre-req. Sophomore standing. Cross-listed with ENGL 317 and LMIS 317. (Class# 11821)</td>
</tr>
<tr>
<td>EDUC 318</td>
<td>Reading in the Elementary School</td>
<td>3</td>
<td>Willeson</td>
<td>Online</td>
<td>An introductory course in the teaching of developmental reading at the elementary level. The course includes directed study and reflective research in reading instruction theory and a field-based experience. A balanced approach to literacy is used and includes a variety of instructional strategies with a focus on phonemic awareness, phonics, fluency, vocabulary, and comprehension. These five areas of reading instruction provide the foundation for teaching reading which students will apply in actual settings. This course is required for Secondary/Special Education double majors. It is recommended double majors take Math 307 and Educ 318 at the same time. For SPED majors only. (Class# 11822)</td>
</tr>
</tbody>
</table>
EDUC 325 Elementary Classroom Art
(2) Willeson Online The primary purpose of this course is to learn how to effectively implement methods and materials for teaching classroom art lessons in grades Pre-K – K-6. In addition, students will explore arts and crafts representative of other cultures. Students will use Live Text format for creating lesson plans and complete online research for art assignments. No co-reqs or pre-reqs. For distance elementary education students only. (Class# 11808)

EDUC 350 Remedial Reading (3)
Cannon Online This course includes an overview and application of research-based assessment, diagnostic practices, and corrective reading methods to provide interventions and differentiated support in reading instruction. Students will learn to assess, analyze assessment data, and plan and practice research-based instructional strategies that support student learning styles and different reading abilities, including English Language Learners. Students will demonstrate teaching competencies using research-based assessment and instructional strategies for small group, whole group and individual learners in a regular classroom setting and within intensive reading programs. Students will participate in student-led inquiry, shared teaching practice and performance, and case study applications. A short observational field experience is required for F and S course offerings. This course is required for the North Dakota Reading Credential. Pre-req. Admission to teacher education, EDUC 318 or EC 315. Cross-listed with SPED 350. (Class# 11842)

EDUC 380 Teaching English Language Learners (1) Parson Online This course will cover 15 topics related to the education of ELLs to include: Use of Home Language Survey, administration and screening assessments, Federal and State Laws on ELL programming and the Rights of ELL’s. Federal Title III program guidelines and school requirements, LEP/ELL accommodations for assessment and instruction, ND Century and Administrative Code regarding ELL Programs and Services, Targets, Criteria and Accountability for ELL, Exit Criteria, ACCESS for ELLs annual assessment, and Individualized Language Plans & ELL Program Models. Teacher candidates will develop understandings of programs options for ELL’s and learn how to make instructional decisions to respect the individual strengths and needs of English Language Learners based upon ELD Standards and Can-Do Descriptors. Pre-Req. Admission to Teacher Education. Co-Req. EDUC 381. (Class# 11809)

EDUC 381 Human Relations and Cultural Diversity (3) Aus Online This course engages students to analyze the socio-cultural dimension that influences the educational process for individuals based on ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, sexual orientation, and geographical area. Teacher candidates will learn to assess, plan, and implement teaching strategies to meet the needs of students from diverse backgrounds including Native American, African American, Asian American, and Hispanic as well as refugee populations. Teacher candidates will examine stereotypes, prejudice, discrimination, and differing value systems in an attempt to better understand the socio-cultural behaviors and characteristics of different ethnic groups to provide a supportive educational environment. Students will participate in one or more field experiences. Pre-req. Admission to Teacher Education. Co-Req: EDUC 380 Teaching English Language Learners. (Class# 11823)

EDUC 390 Special Needs in an Inclusive Environment (3) Odden Online This is an introductory course in identifying children, youth and young adults with special needs as outlined in PL 108-446 (i.e., learning disabilities, intellectual disabilities, physical impairments, other health impairments, sensory impairments, communication disorders, emotional/behavior disorders, autism, and traumatic brain injury) and PL 95-561 (i.e., gifted and talented). Emphasis will be placed upon the inclusion concept, teaming approaches, an overview of assessment techniques, certification requirements, individual education plans, and the use of modifications and adaptations within an inclusive environment in general education classrooms. This course serves as approved documentation of enrollment in additional special education coursework for special education majors. Pre-req. Admission to Teacher Education and Junior Standing. (Class# 11824)

EDUC 422 Learning Theory & Evaluation (3) Baesler Online This course is designed as a higher-ordered study of intertwined and varied theoretical perspectives on learning, cognition, and behavior management. The theories will help students identify a range of tools for planning, instruction and evaluation, beginning with the identification of learning goals, the subsequent diagnosis of diverse student needs, provision for effective instruction with feedback, critique and creation of evaluation methods and use of assessment results to improve teaching as well as learning. Specific topics addressed also include classroom management, educational diagnosis, assessment and interpretation, and practical applications. Pre-req. PSYC 111, and Junior standing. Cross listed with PSYC 422. (Class# 11825)

IMPORTANT REGULAR 8-WEEK CLASS INFORMATION:
Last day to add a class 06-04-16
Last day to drop without a "W" 06-04-16
Last day for 100% refund 6-4-16
Last day to drop a class 7-6-16
EDUC 426 Reading In The Content Area (3) Willeson Online The focus of the course is on development of instructional strategies to teach reading and comprehension in all K-12 classrooms. Studies focus on basic principles of developmental reading theory and practice while focusing on diverse learners and learning styles. Participation in teaching demonstrations supports the student’s use of teaching strategies. This course emphasizes reflective teaching practice and the commitment to varying teaching methods and assessment approaches for K-12 teachers. Students will complete an arranged literacy-based teaching field experience in the Fall session. This course is required for all secondary education majors. The course is required to apply for the North Dakota Reading Credential. Pre-req. Admission to Teacher Education and Junior Standing. Cross-listed with ENGL 426. (Class# 11826)

EDUC 430 Foundations Of The Middle School (2) Eckart Online This course will explore the fundamental principles upon which the middle school is founded. Some of the topics to be covered include: the history of the Junior High Movement; the history of the Middle School Movement; creation of appropriate learning environments; and consideration of various program designs to accommodate the developmental dynamics of learners aged ten to fourteen. Pre-req. None. (Class# 11827)

EDUC 435 Middle School Methods & Materials (3) Eckart Online This course is designed to provide opportunities for middle level educators to develop a wide repertoire of general teaching methods which will meet the needs of ten to fourteen year olds to grow intellectually while being encouraged to enhance their curiosity. The middle level educator will learn when and how to use a variety of appropriate research-based teaching methods and selected thematic teaching units in order to make the curriculum an ongoing set of activities which promote continued, sequential learning and organized knowledge. Pre-req. None. (Class# 11828)

ENGL 110 College Composition I (3) Brudvik Online A mature writing style exhibits variety in sentence structure and length, well-analyzed topics, effective transitions, resourceful use of modes of development and rhetorical moves appropriate for a given audience, and deployment of appropriate evidence derived from personal experience and/or credible authorities. English 110 equips freshman-level writers with the ability to write thematically coherent personal narratives couched in effective style, analytical responses to essays and/or imaginative works, and several documented papers. Class time is devoted to the process of drafting and revision in consultation with peers, instructor, and/or Writing Center. An introduction to literature is included. Pre-req. Students who score 15-17 on the ACT English subtest or equivalent exams may register for this course along with ASC 086-English Composition Lab. Students who have scored 18 or above on the ACT English subtest or equivalent exams, or have completed ACS 086-Preparatory English or equivalent course with at least a “C” or higher may register for this course. Essential Studies. (Class# 11871)

ENGL 120 College Composition II (3) Hastings Online During their university careers, students are expected to write documented papers for a variety of classes and purposes. Accordingly, English 120 requires students to write substantial documented papers that skillfully deploy evidence from credible sources in support of a clear thesis and that exhibit control of structure and tone. To this end each student will write an analytical paper on a literary or historical work that is read and discussed by the class, but the course includes research writing on a topic chosen by the student and approved by the instructor. Class time is devoted to the process of drafting and revision in consultation with peers, instructor, and/or Writing Center. Pre-req. Successful completion of ENGL 110 or equivalent course or 27 or above on the ACT English subtest or equivalent exams. Essential Studies. (Class# 11846)

ENGL 125 Business and Technical Writing (3) Kunz Online Business and Technical Writing includes advanced practice in college-level writing which emphasizes writing and research in professional settings. This course is specifically designed to provide for the technical or professional student who desires to develop technological work, particularly the process of researching, preparing, and writing a professional report substantial in length and competent in quality. The course places a strong emphasis on developing methods to write for a specific audience and purpose. Pre-req. Successful completion of ENGL 110 or equivalent course or 27 or above on the ACT English subtest or equivalent exams. Essential Studies. (Class# 11874)

ENGL 317 Children’s Literature (3) Willeson Online A survey of children’s literature past and present. Related topics such as selection and evaluation of materials, the needs and interests of children, and the development of literature appreciation in children are also included. The course includes a clinical experience with preschool children. Students review literature related to diversity (e.g., ethnicity, race, socio-economic status, gender, exceptionalities, language, religion, and sexual orientation). Students complete online research to assist them in creating cultural units to infuse diversity and literature across the curriculum. Pre-req. Sophomore standing. (Class# 12685)

Eight-Week Session May 31 - July 25 On campus, Online and IVN
ENGL 426 Reading in the Content Area 3) Willeson Online The focus of the course is on development of instructional strategies to teach reading and comprehension in all K-12 classrooms. Studies focus on basic principles of developmental reading theory and practice while focusing on diverse learners and learning styles. Participation in teaching demonstrations support the student’s use of teaching strategies. This course emphasizes reflective teaching practice and the commitment to varying teaching methods and assessment approaches for K-12 teachers. Students will complete an arranged literacy-based teaching field experience in the Fall session. This course is required for all secondary education majors. The course is required to apply for the North Dakota Reading Credential. Pre-req. Admission to Teacher Education and Junior Standing. (Class# 12679)

GEOG 103 Multicultural World, Global Issues (3) Kingsbury Online This is an introductory course focusing on how diversity, global and multicultural issues affect communities around the world. The course is focused on modes of critical thinking that stress both considerations of “space and place” and the interconnected roles of the “local” and “global” in shaping our world. Topics included are the global distribution of population, migration, popular culture, languages, religions, ethnicities, environment, food and agriculture, urbanization and economic systems. Pre-req, None. Essential Studies. (Class# 11866)

GEOG 300 World Regional Geography and Anthropology (3) Kingsbury Online This course provides an introduction to key core geographic regions of the world from geographic and anthropological perspectives. Students will increase their geographic literacy and further learn to think and write critically about cultural and physical processes affecting how we live. The course is fully structured around the Geography of Life and North Dakota State Standards for the Social Studies sets for teaching standards. All elements of this course reflect these teaching standards including maps, images of place and their impact on human behavior, physical landscapes and regional differences in the human use of the earth. Pre-req. Completion of ENGL 110 and ENGL 120 or 125. (Class# 11867)

HIST 103 U.S. To 1877 (3) Rotvold Online A historical survey of United States History from its earliest European backgrounds to 1877. Pre-req. None. Essential Studies. (Class# 11896)

HIST 104 U.S. Since 1877 (3) Rotvold Online A historical survey of United States History from 1877 to the present. Pre-req. None. Essential Studies. (Class# 11897)

HIST 105 U.S. Women’s History (3) Rotvold Online A historical survey of women in U.S. History from 1500 to the present. Pre-req. None. Essential Studies. (Class# 11898)

HPER 100 Concepts Of Fitness & Wellness (2) O’Brien Online A course designed to introduce the concepts of overall wellness to students of all ages. The course will be focused mainly on the different aspects of physical fitness and the interrelationship with the other facets of wellness. Students will have the opportunity to self-evaluate their fitness, design a program of fitness with specific guidelines, and try different methods of developing and improving their health. One-and-one-half-hours of lecture and one hour of laboratory per week. Pre-req, None. (Class# 10824)

HPER 207 Prevention & Care Of Injuries (3) O’Brien MTWRF 10:00AM-11:20AM FH109 A course designed to introduce students to the profession of athletic training and provide them with essential tools to be able to prevent, recognize, and manage injuries received as a result of participation in various activities. The course will address mechanisms and classifications of injury, the physiologic response to injury and the healing process. Specific injuries will be discussed such as: concussions, injuries to the head, neck, and spine, injuries to the upper extremity and injuries to the lower extremity. The course is lecture based with a lab included. Students will also be required to become certified by the National Federation of High Schools - Concussion in Sport. Pre-req. BIOL 111 or BIOL 150, BIOL 220. (Class# 11899)

HPER 217 Personal & Community Health (2) Graziani Online Study of personal health over the life span to include emotional and mental health, the effects of substance abuse on emotional, physical, and social health, the physical and emotional aspects of human sexuality, and, study of community and environmental health. Pre-req. None. (Class# 10828)

HPER 222 Nutrition (3) Moen Online Study the basic principles of nutrition and current nutritional facts. Examination will also include meeting nutritional needs in society and throughout the lifecycle. Pre-req. None. (Class# 11315)

HPER 315 Movement Education in Early Childhood (2) Nelson Online This course is designed for the early childhood educator (birth-8 years) and HPER majors and minors. Students will explore the importance of developmentally appropriate movement education for young children. Developing and implementing a movement education curriculum is at the core of this course. Areas to be covered include child development as it relates to movement education, planning appropriate games and activities for children at varying levels of development, and practical application of a movement curriculum in an early childhood setting. Pre-req. EC 210 and EC 211 or EDUC 210 and EDUC 211 for education majors. No Pre-req. for HPER majors/minors. (Class# 10827)
HPER 321 Foundations & Methods of Coaching (2) Pena Online The course is designed to assist coaches in creating a healthy age-appropriate athletic experience. The course will identify the role of a coach, professional development of coaches as managers, teaching and modeling behavior, physical conditioning and nutrition of athletes, and ethics. Students will learn how to develop and prepare instructional plans. They will learn the methods and principles of teaching. Good coaching is good teaching. The values that students need on the playing field and in life will be stressed. (Class# 11303)

HPER 333 Phy Ed for the Exceptional Child (2) Pena Online Etiology of specific handicaps and adaptations of various activities in which individuals may participate at various grade levels. Students will understand the referral, assessment, planning and placement procedures specific to teaching students with disabilities in physical fitness and gross motor skills. Theory and practical work will be emphasized. Pre-req. Junior standing. (Class# 10826)

HPER 340 Modern Issues & Materials In Health (3) Tomblin Online Emphasis on current trends in health and a collection of health materials that include contemporary topics of diseases, drug abuse, environmental problems, sexuality, smoking and tobacco, consumer products, and others. Students will be responsible for collecting data and information on disease prevention, AIDS control, reducing the risks of accidents, and promoting health enhancing dietary practices. Pre-req. HPER 217. (Class# 11316)

HPER 350 Motor Learning (2) Graziani Online A course designed to improve the quality of instruction in physical education through an understanding of the research problems, trends, and teaching methods in motor learning. Pre-req. Sophomore standing. (Class# 10825)

HPER 360 Sport and Exercise Psychology (2) Johnson Online Examination of psychological constructs influencing the competitive sport process, motor performance, and exercise behavior, as well as the influence of sport and exercise on psychological and motor factors. (Class# 10832)

HPER 368 Principles of Conditioning (3) Moen Online Study the techniques of strength training and conditioning. Emphasis on program design and implementation for general, athletic, and special populations. (Class# 11317)

HPER 369 Principles of Sports Management (3) Johnson Online This course will allow students to look at the management side of the diverse and expanding field of sport and recreation. The course is designed to provide a comprehensive look at the basic organizational structures found in the sport industry. Students will examine applications of managerial concepts and processes, and the ways in which organizations interact with each other and with governing bodies. (Class# 10831)

HPER 380 Sport Sociology (2) Vandeveen Online Surveys that principles that underlie the social structure and processes that create and transform the function of sports in American culture, with the focus on the contemporary scene. (Class# 10836)

HPER 402 Exercise Physiology (4) Moen W 10:00AM-12:00PM FH142 A study of the effects of exercise and training on the physiology of the human body. Special attention will be given to adaptations of various body systems, lab related activities commonly used to assess such adaptations, and other areas related to training. Laboratory activities and exercises will test aerobic and anaerobic capacity, strength, body composition, and dietary analysis. Pre-req. BIOL 111 or BIOL 150 and BIOL 220. (Class# 11959)

HPER 440 Organization & Administration of Physical Education and Athletics (2) Pena Online Policies, procedures, and problems in administration of physical education/athletics at the elementary and secondary levels. Both curricular and extracurricular aspects will be considered. Pre-req. Junior standing. (Class# 10833)

HPER 442 Field Experience & Practicum (2) Parker By arrangement Arrangements to include teaching and/or coaching experience with elementary and secondary programs, for Physical Education and Coaching majors/minors. Practicum assignments with various recreation, fitness, and/or intramural programs are available for students interested in a related non-teaching career. The coaching minor requires two semester hours of field experience. Two semester hours of credit is worth eighty (80) clock hours. Pre-req. None. (Class# 10829)

HPER 443 Adapted Physical Education Practicum (Grades Pre-K-6) (1) Pena Online Field experience will consist of working with individuals with disabilities in Pre-K-6. Students will complete 40 hours of practicum experience. Pre-req. None. (Class# 10834)

HPER 444 Adapted Physical Education Practicum (Grades 7-12) (1) Pena Online Field experience will consist of working with individuals with disabilities in grades 7-12. Students will complete 40 hours of practicum experience. Pre-req. None. (Class# 10835)

HPER 476S-A Comprehensive Review/ Exam-Health/Health Education (1) Parker By arrangement This course fulfills LEAP requirements and must be completed through Mayville State University. HPER majors are required to satisfactorily pass a comprehensive examination for the Health or Health Education major. This course is designed to provide a comprehensive review of material that will be covered on the exit examination and will provide documentation for the completion of this graduation requirement. S/U Grading. (Class# 10838)
HPER 476S-B Comprehensive Review/Exam-Physical Education  
(1) Parker  
By arrangement  
This course fulfills LEAP requirements and must be completed through Mayville State University. HPER majors are required to satisfactorily pass a comprehensive examination for the Physical Education major. This course is designed to provide a comprehensive review of material that will be covered on the exit examination and will provide documentation for the completion of this graduation requirement. S/U Grading.  
(Class# 10839)

HPER 476S-C Comprehensive Review/Exam-Sports Management  
(1) Parker  
By arrangement  
This course fulfills LEAP requirements and must be completed through Mayville State University. HPER majors are required to satisfactorily pass a comprehensive examination for the Sports Management major. This course is designed to provide a comprehensive review of material that will be covered on the exit examination and will provide documentation for the completion of this graduation requirement. S/U Grading.  
(Class# 11310)

HPER 476S-D Comprehensive Review/Exam-Fitness and Wellness  
(1) Parker  
By arrangement  
This course fulfills LEAP requirements and must be completed through Mayville State University. HPER majors are required to satisfactorily pass a comprehensive examination for the Fitness and Wellness major. This course is designed to provide a comprehensive review of material that will be covered on the exit examination and will provide documentation for the completion of this graduation requirement. S/U Grading.  
(Class# 11311)

HPER 497S Internship  
(0) Johnson  
By arrangement  
An off-campus work experience related to the student’s major or minor course of study. Credit hours are determined by the Health, Physical Education and Recreation faculty and are based on the relevancy of the work assignment. The Sport Management Major requires 2 credits (100 hours of work experience per credit). The Fitness and Wellness Major requires 2 credits (200 hours) of supervised field work in a professional setting. If a student is a double major in Fitness & Wellness and Sport Management, a total of 3 credits (300 hours) needs to be completed. Pre-req. Junior or senior standing, and consent of instructor. S/U grading.  
(Class# 10830)

HUM 220 History of Music in a Multicultural World  
(3) Paschke  
MTWRF 08:30AM-09:50AM CB 101  
History of Music in a Multicultural World is designed to arouse greater interest in music of Western and non-Western cultures and to provide a basis for further appreciation of music. The survey of music from ancient times through music of the 21st century includes the developments in the world of art, literature and history that took place during the same time frame. Essential Studies.  
(Class# 11893)

HUM 221 History of Art in a Multicultural World  
(3) Johnson  
Online  
History of Art in a Multicultural World is a humanities course intended to promote an understanding of both history and art through discussion and study of artistic structural elements, methodologies, artists, patrons, and historically significant art works. The survey of art from ancient times through the 21st century includes the developments in the world of music, literature, and history that took place during the same time frame. Essential Studies.  
(Class# 11876)

LMIS 250 Intro to Libraries & Info Science  
(3) Staff  
Online  
Survey of communication theory, web resources and evaluation, plagiarism and copyright issues, information literacy, and the historical and technical aspects of libraries. Students will practice library procedures with a special emphasis on emerging technologies.  
(Class# 11800)

LMIS 317 Children’s Literature  
(3) Willeson  
Online  
A survey of children’s literature past and present. Related topics such as selection and evaluation of materials, the needs and interests of children, and the development of literature appreciation in children are also included. The course includes a clinical experience with preschool children. Students review literature related to diversity (e.g., ethnicity, race, socioeconomic status, gender, exceptionalities, language, religion, and sexual orientation). Students complete online research to assist them in creating cultural units to infuse diversity and literature across the curriculum. Pre-req. Sophomore standing. Cross-listed with ENGL 317 and EDUC 317.  
(Class# 11801)

LMIS 360 Media Collection Development  
(3) Komkvven  
Online  
Covers basic principles of and practice in evaluation, selection of materials for diverse populations, and weeding of library materials in all formats, the use of aids in selection and weeding, and the development of policies about the collections.  
(Class# 11802)
LMIS 365 Organization of Information
(3) Madler Online Introducing the principles of organizing library materials, this course provides practice in the use of descriptive cataloging, subject classification, MARC format, and library automation. (Class# 11803)

LMIS 430 Administration of the School Library Media Center (3) Madler Online A study of the objectives and functions of a school library media center and the principles of management. Practice in establishing policies and procedures and in promoting information literacy. Students are encouraged to take LMIS 250, LMIS 360, and LMIS 365 prior to taking this course. (Class# 11804)

MUSC 127 Applied Lessons-Vocal
(1) Paschke Applied Lessons offers opportunities to students in vocal music to study the stated voice. Pre-req. None. (Class# 11894)

MUSC 128 Applied Lessons-Instrumental
(1) Paschke Applied Lessons offers opportunities to students in instrumental music to study the stated instrument. Pre-req. None. (Class# 11895)

MUSC 323 Music For Elementary Teachers
(2) Paschke W 04:30PM-08:00PM IVN Will provide future elementary teachers with rationale and techniques for using music as an instructional aid. Does not require a musical background. Pre-req. Admission to Teacher Education only if in Block I; HUM 220 or equivalent. Co-req. EDUC 301, EDUC 318, EDUC 324, MATH 307, SCNC 321 if in Elementary Education Block I. (Class# 11844)

PHYS 211 College Physics I
(3) Gonnella Online An algebra-based physics course designed to provide Science and Engineering majors with a deeper understanding of the principles of physics related to motion, energy, properties of matter, and thermodynamics. Students should have already completed MATH 103 and MATH 105 before enrolling in this course. Students should co-enroll in PHYS 211L. (Class# 11423)

PHYS 211L College Physics I Lab
(1) Gonnella Online The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding of Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 211 or have already completed it. (Class# 11424)

PHYS 212 College Physics II
(3) Gonnella Online An algebra-based physics course designed to provide a general, conceptual understanding of the principles of physics related to thermodynamics, waves, sound, electricity, magnetism, light, and optics. Students should have already completed PHYS 211 before enrolling in this course. Students should co-enroll in PHYS 212L. (Class# 11425)

PHYS 212L College Physics II Lab
(1) Gonnella Online The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding of Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 212 or have already completed it. (Class# 11798)

PHYS 251 University Physics I
(4) Gonnella Online A calculus based physics course designed to provide Science and Engineering majors with a deeper understanding of the principles of physics related to motion, energy, properties of matter, and thermodynamics. This course is intended as an alternative to PHYS 211, not sequential to it. Upon transferring to another NDUS institution, the four course credits obtained in taking this course at MSU may be reduced to three credits. Students should have already completed MATH 165 before enrolling in this course. Students should co-enroll in PHYS 251L. (Class# 11426)

PHYS 251L University Physics I Lab
(1) Gonnella Online The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding of Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 251 or have already completed it. (Class# 11427)

PHYS 252 University Physics II
(4) Gonnella Online A calculus-based physics course designed to provide Science and Engineering majors with a deeper understanding of the principles of physics related to thermodynamics, waves, sound, electricity, magnetism, light, and optics. Students should have already completed MATH 165 before enrolling in this course. Students should co-enroll in PHYS 252L. (Class# 11639)

PHYS 252L University Physics II Lab
(1) Gonnella Online The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding of Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 252 or have already completed it. (Class# 11911)

PSYC 255 Child & Adolescent Psychology
(3) Dilivio Online This course is designed to cover specifically the cognitive, physiological, social and emotional aspects of human development from conception to early adulthood. Special emphasis is placed on the development of students of diversity. THIS COURSE IS THE REQUIREMENT FOR ALL EDUCATION MAJORS (early childhood, pre-school, elementary, middle and secondary education). Applied Psychology majors should enroll in PSYC 250. It is strongly recommended that PSYC 399-Readings in Psychology (1 S.H.) be a Co-req. for better preparation in the students’ specialty area. Pre-req. PSYC 111. Cross-listed with EDUC 255. (Class# 11829)
PSYC 280 Group Dynamics (3) Bennett Online This is a course designed to improve the student’s understanding of the nature of group behavior and the techniques of group leadership in a variety of groups including diverse as well as homogeneous groups. The course contains units on principles of group dynamics, nature of leadership, discussion groups, committee procedures, formal meetings, and devices for stimulating group participation. Pre-req. PSYC 111. (Class# 11830)

PSYC 330 Behavior Modification & Management (3) Bennett Online Presents and discusses theory, conceptual approaches, and practice in the application of operant and classical conditioning procedures to children, youth and adults in applied settings and how to apply Behavior Modification & Management to various forms of behavioral, psychological, and social-emotional development. Students will learn principles, procedures and practical how-to skills such as observing and recording behavior; recognizing instances of reinforcement, extinction and punishment and their likely long-term effects; and design, implement and evaluate behavioral programs. Pre-req. PSYC 111. Cross-listed with SPED 330. (Class# 11831)

PSYC 332 Applied Psychology (3) Bennett Online This is a course that aims to relate principles of psychology to everyday life and vocations. Specific applications include studies in relations to industry, employment, commerce, professions, public relations, and traits of personality in diverse and homogeneous work settings. Pre-req. PSYC 111. (Class# 11832)

PSYC 422 Learning Theory & Evaluation (3) Baesler Online Cross listed with EDUC 422. This course is designed as a higher-ordered study of intertwined and varied theoretical perspectives on learning, cognition, and behavior management. The theories will help students identify a range of tools for planning, instruction and evaluation, beginning with the identification of learning goals, the subsequent diagnosis of diverse student needs, provision for effective instruction with feedback, critique and creation of evaluation methods and use of assessment results to improve teaching as well as learning. Specific topics addressed also include classroom management, educational diagnosis, assessment and interpretation, and practical applications. Pre-req. PSYC 111, and Junior standing. (Class# 11833)

SOC 110 Introduction To Sociology (3) Smith Online An introductory examination of social behavior and human groups through an analysis of the diversity in culture, human interactions, social structure, social differentiation, social change, and social process. Pre-req. None. Essential Studies. (Class# 11851)

SOC 335 Marriage And The Family (3) Smith Online A study of the sociology of marriage and family life, including contemporary changes and challenges. Pre-req. SOC 110. (Class# 11852)

SOC 355 Drugs and Society (3) Smith Online A study of drug use in modern society. Topics include social definitions, identification, causes, controls, and consequences of both legal and illegal drug use and problems. Pre-req. SOC 110. (Class# 11863)

SPAN 101 First Year Spanish I (4) Rygg Online Fundamentals of Spanish and development of the basic language skills of listening, speaking, reading, and writing, with an emphasis on oral proficiency. Culture and language structures are also important components of the course. Pre-req. None. (Class# 11847)

SPAN 102 First Year Spanish II (4) Rygg Online Continuation of SPAN 101. (Class# 11848)

SPAN 201 Second Year Spanish I (4) Rygg Online Continued practice and review of the fundamentals of listening, speaking, reading, and writing. Classroom emphasis on oral skills, as well as increased outside readings of Spanish texts. Pre-req. SPAN 102 or instructor approval. On campus, on demand. (Class# 11849)

SPAN 202 Second Year Spanish II (4) Rygg Online Continuation of SPAN 201. Pre-req. SPAN 201. On campus, on demand. (Class# 11850)

SPED 330 Behavior Modification & Management (3) Bennett Online Presents and discusses theory, conceptual approaches, and practice in the application of operant and classical conditioning procedures to children, youth and adults in applied settings and how to apply Behavior Modification & Management to various forms of behavioral, psychological, and social-emotional development. Students will learn principles, procedures and practical how-to skills such as observing and recording behavior; recognizing instances of reinforcement, extinction and punishment and their likely long-term effects; and design, implement and evaluate behavioral programs. Pre-req. PSYC 111. Cross-listed with PSYC 330. (Class# 11834)

SPED 337 Special Needs in ECE (3) Odden Online Designed with the early childhood student in mind, this course surveys various special needs (physical, cognitive, communication, social, emotional) and approaches to working with students in the inclusive environment. Students will learn to adapt strategies and environments to meet the specific needs of all children, including those with disabilities, developmental delays and special needs. Students will be able to identify family, cultural, and community influences on child development, both typical and atypical. Educators who will be teaching in birth to third grade classrooms. Pre-req. EC 210, EC 211. Cross-listed with EDUC 337. (Class# 11835)
SPED 350 Remedial Reading (3)
Cannon Online This course includes an overview and application of research-based assessment, diagnostic practices, and corrective reading methods to provide interventions and differentiated support in reading instruction. Students will learn to assess, analyze assessment data, and plan and practice research-based instructional strategies that support student learning styles and different reading abilities, including English Language Learners. Students will demonstrate teaching competencies using research-based assessment and instructional strategies for small group, whole group and individual learners in a regular classroom setting and within intensive reading programs. Students will participate in student-led inquiry, shared teaching practice and performance, and case study applications. A short observational field experience is required for F and S course offerings. This course is required for the North Dakota Reading Credential. Pre-req. Admission to teacher education, EDUC 318 or EC 315. Cross-listed with EDUC 350. (Class# 11836)

SPED 388 Autism Spectrum Disorders (3) Anderson Online The course will examine the historical perspective of the autism spectrum, etiology, and characteristics associated with the wide range of disorders. Instructional strategies to be studied include academic skill acquisition, early communication, language acquisition and development, socialization, applied behavior analysis, and challenging behaviors. Instructional opportunities in non-education settings will be explored. Students will conduct research topics and review lesson plans on the Internet. Pre-req. SPED 389. (Class# 11837)

SPED 389 Foundations of Special Education (3) Pitzer Online This course is designed to provide historical and foundational knowledge and understanding of characteristics of the disability experience, a variety of disability types under IDEA law, their implications, associated conditions and the impact of disability on physical, cognitive and psychosocial development. The course also provides a model for understanding individuals with disabilities, appropriate decision making, facilitating educational programs, accommodations and modifications, and collaboration with families, professional roles and outside agencies. A goal of the course is to provide training for education and service providers who serve exceptional children, youth and adults in a variety of settings. (Class# 11838)

SPED 396 Special Education Law (3) Bjorg Online In this course students will conduct an in-depth study of the laws and regulations that govern special education, related areas of education law and institutional responsibilities. The course will focus on key concepts of special education law, issues raised through court cases, movements and trends, and the relationship between legal and practical considerations. Students will look at the formal statutes and regulations that govern special education, but most emphasis will be placed on how these laws are implemented in the real world by examining legal decisions, case studies and scenarios. Pre-req. Admission to Teacher Education and SPED 389. (Class# 11839)

SPED 400B Special Education Student Teaching (5) Dulski-Bucholz This course is generally the last course the teacher candidate completes in their education program. Candidates work in an assigned school with a cooperating special education teacher in the area that would appear on their transcript: Kindergarten; elementary; secondary, or middle school or any combination thereof. This 5 week experience must be taken along with 10 weeks of student teaching in the field of corresponding double major. Students with additional certifications and specializations must consult the Division of Education for case-by-case requirements. For more information, see the Student Teaching section on found in the Special Education program information pages. Pre-req. Admission to student teaching. (Class# 11840)

SPED 497 Special Needs Internship in ECE Bjorg This internship is an off-campus, faculty-approved work experience related to the student’s major course of study. Students pursuing the Special Needs Generalist minor, Studies in Education major, and other major/minors as appropriate, will need to complete this internship with a letter grade. The transcript notation will designate the specific internship. Special Needs Generalist students must successfully complete a minimum of 30 clock hours. Pre-req. 2.75 cumulative institutional/transfer grade point average, and approval of the division. (Class# 11841)
EC 311 Social Studies Strategies in Early Elementary (3) Odden May 23-July 18 MTWRF 8:30 AM - 10:20 AM ED 102  
This course includes a variety of social studies concepts such as research-based teaching strategies, inquiry, simulations, multiple intelligences, and critical thinking skills. The Thematic approach is used for designing two units. One unit is based on North Dakota Studies and the second unit is based on Social Studies; both units will include history, culture, time, people, places, and change. The STEM teaching experience will allow students to incorporate teaching strategies learned in this course. Pre-req. Admission to Teacher Education. Co-req. EC 316, EDUC 436, SCNC 320. Only Available to Cohort students in B.S.Ed. Early Childhood Education. (Class# 11805)

EC 316 Language Arts in Early Elementary (3) Enger May 23-July 18 MTWRF 10:30 AM - 12:20 PM ED 102  
A continuation of EC 315 with a focus on oral communication, written expression, handwriting, spelling, literature, and basic reading skills in primary grades. Students will demonstrate library research and technology competencies in developing their Philosophy of Education paper. Pre-req. EC 315 and Admission to Teacher Education. Co-req. EC 310, EC 311, SCNC 320. Only available to Cohort students in Early Childhood Education. (Class# 11806)

EDUC 436 Kindergarten Methods (2) Dulski-Bucholz May 23-July 18 MTW 2:30 PM - 3:50 PM ED 102  
This course emphasizes developmentally appropriate practices for instruction in the kindergarten classroom. Students design and assess teacher-made materials, demonstrate skills in student assessment and use of research-based instructional strategies to teach early literacy, science, mathematics, arts, music and movement, and social studies. Students will develop and implement differentiated lesson plans that support differentiated instructional and child-directed activities for kindergarteners. Students learn strategies to develop supportive home-school relationships and classroom volunteer networks. BSED EC students are required to take this as a co-req with EC 311 in summer Block session. Pre-reqs. EDUC 250, EDUC 298 or EC 210, EC 211. Co-req. EC 311 (for BSED EC students). (Class# 11810)

HIST 406 US: Civil War and Reconstruction (3) McMahon May 16-27 MTWRF 7 AM - 12 PM CB 104  
This course begins by studying the events and factors that helped to bring on the Civil War. The second phase of the course looks at events related to the war, diplomacy, personalities, Emancipation Proclamation tactics, etc., and concludes with Reconstruction and related issues. Pre-req. Successful completion of ENGL 120, or consent of instructor. (Class# 11845)

HPER 210 First Aid & CPR (1) O'Brien June 3-5 Fri 6-9 PM; Sat 9 AM - 6 PM; Sun 12 - 6 PM - FH 109  
Instruction and laboratory practice in first aid procedures including cardiopulmonary resuscitation (CPR), rescue breathing, artificial airway obstruction, and use of an automated external defibrillator (AED). The course is taught according to American Heart Association standards. Students demonstrating the necessary skills and knowledge will be certified in Basic Life Saving for Healthcare Providers and Heart Saver First Aid. This certification is good for two years. Required for all HPER majors. Pre-req. None. (Class# 10822)

HPER 265 Water Safety Instructor (2) Gunderson May 31-June 3 TTHF 8 AM - 5 PM Campus Center 120  
Certification for the American Red Cross W.S.I. methodology of teaching in the American Red Cross Parent and Child Aquatic Program, the Learn to Swim Program, the Basic Water Rescue course, and the W.S.I. Aide course. W.S.I Certificate will be issued upon completion of the American Red Cross requirements. Pre-req. HPER 263, ARC Level Five Certification, or successful completion of the equivalency test. (Class# 10823)

PHYS 211L College Physics I Lab (1) Gonnella May 16-18, Mon/Tues 7 AM-9 PM; Wed 7-11 AM SB 132  
The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 211. (Class# 11910)

IMPORTANT DYNAMIC CLASS INFORMATION:
Students registering for Fast Track Sessions will have a maximum of one day to drop the class. No refunds will be granted after the first day of class.
PHYS 211L College Physics I Lab (1)  
Gonnella  June 6-8, Mon/Tues 7 AM-9 PM; Wed 7-11 AM SB 132  
The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 211. (Class# 11428)

PHYS 212L College Physics II Lab (1)  
Gonnella  May 18-20, Wed 12-9 PM; Thurs 7 AM-9 PM; Fri 7 AM-4 PM SB 132  
The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 212. (Class# 11429)

PHYS 212L College Physics II Lab (1)  
Gonnella  June 8-10, Wed 12-9 PM; Thurs 7 AM-9 PM; Fri 7 AM-4 PM SB 132  
The students will collect data using interfaced probeware, analyze data using spreadsheet software, and investigate more complex concepts in physics by using simulation software. Students should have already completed CIS 114 before enrolling in this course. Students should co-enroll in PHYS 212. (Class# 11637)

PHYS 251L University Physics I Lab (1)  
Gonnella  June 6-8, Mon/Tues 7 AM-9 PM; Wed 7-11 AM SB 132  
The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 251 or have already completed it. (Class# 11640)

PHYS 252L University Physics II Lab (1)  
Gonnella  May 18-20, Wed 12-9 PM; Thurs 7 AM-9 PM; Fri 7 AM-4 PM SB 132  
The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 252 or have already completed it. (Class# 11779)

PHYS 252L University Physics II Lab (1)  
Gonnella  June 8-10, Wed 12-9 PM; Thurs 7 AM-9 PM; Fri 7 AM-4 PM  
The students will collect data using interfaced probeware, apply a variety of data analysis tools, and investigate mathematical relationships by using simulation software. Students are expected to have a fundamental understanding Microsoft Excel prior to enrolling in this course. Students should be co-enrolled in PHYS 252 or have already completed it. (Class# 11780)

SCNC 320 Science For Elementary Teachers I (3)  
Sieg  May 23-July 18 MTWRF 01:00PM-02:20PM SB 130  
This course is designed as an activity based course intended to introduce strategies and methods for elementary science instruction in grades K-8. The content basis for this course is physical science. Some content in addition to methodology will be an added component of the course. Pre-req. SCNC 102 and SCNC 102L. (Class# 11799)

**IMPORTANT DYNAMIC CLASS INFORMATION:**  
Students registering for Fast Track Sessions will have a maximum of one day to drop the class. No refunds will be granted after the first day of class.
Ten-Week Session May 23 - July 31  On campus and Online

ACCT 200 Elements Of Accounting I  (3) Levitt  Online  This course introduces the accounting cycle as it applies to service and merchandising entities. Proprietorships, partnerships, and corporate ownership structures are considered. Pre-req. or Co-req. CIS 114, or equivalent knowledge of Excel.  (Class# 11921)

ACCT 360 Accounting Systems (2) Olson  Online  Review of the accounting cycle, completion of manual and computerized practice sets, using software such as QuickBooks or Microsoft Dynamics, review of internal control, and the interface of accounting and financial reporting. Pre-req. ACCT 201.  (Class# 11922)

BIOL 150 General Biology I (3) Sletten  Online  Selected principles of biology with emphasis on processes, to include cell structure and chemistry, cellular respiration, photosynthesis, homeostasis, genetics, and protein synthesis. Three hours of lecture per week. Pre-req. None. Co-req. BIOL 150L. Essential Studies.  (Class# 11782)

BIOL 150L General Biology I Lab (1) Sletten  Online  Laboratory exercises designed to explore proper lab technique, cell structure and chemistry, cellular respiration, photosynthesis, homeostasis, genetics, and protein synthesis. Two hours of lab per week. Pre-req. None. Co-req. BIOL 150. Essential Studies.  (Class# 11783)

BUSN 323 Managerial Finance (3) Staff  Online  An introduction to business finance. Included topics are financial analysis and planning, working capital management, the capital budgeting process, and long-term financing. Pre-req. ACCT 201 and CIS 114, or equivalent knowledge of Microsoft Excel.  (Class# 11920)

BUSN 336 Applied Statistics I (3) Skean  Online  This course examines the basic concepts of probability and statistics and applies them in a business setting. Included are inferential statistics topics such as estimation, hypothesis testing, analysis of variance and simple and multiple regression. A limited number of non-parametric techniques will be explored. Pre-req. CIS 114, and MATH 103.  (Class# 11319)

BUSN 497S Internship (0) Henrickson  The student is given an opportunity to work closely with management in an on-the-job training basis. The manager guides the student through all levels and departments in a business, familiarizing the intern with all aspects of the business. The Internship Program is dependent upon the availability of employer sites. Internship credit may be repeated to a maximum of 10 S.H. However, no more than five internship credits per semester are allowed. Pre-req. consent of division internship supervisor. S/U grading only.  (Class# 11320)

CIS 497S Internship  Henrickson  The student is given the opportunity to work in an application-programming environment through on-the-job training. The host site supplies a supervisor who works closely with the student for a one-semester experience, which represents a full academic load. The co-op experience is dependent upon the availability of internship sites and the academic advisor’s consent. Internship credit may be repeated to a maximum of 10 S.H. However, no more than five internship credits per semester are allowed. S/U grading.  (Class# 11919)
MATH 277 Math For Elementary Teachers (3) Townsend Online
A mathematics content course for prospective elementary school teachers. Topics include problem solving, numeration systems, real numbers, number theory, geometry, probability, statistics, and algebra. Math manipulatives are used in the course. Pre-req. MATH 103 or equivalent. (Class# 11792)

NURS 442 Population-focused and Community-based Nursing Care II (2)
Christoffers Online Application of theories and principles of population-focused in a community setting. Assigned clinical projects will be completed under the direction of the faculty. Requires 40 hours in a community setting supervised by a qualified nursing preceptor. Hours can be completed within the ten-week block assigned for 442. Pre-req. NURS 441. (Class# 1190 and 11420)

PSYC 111 Introduction To Psychology (3) Davis Online This is an introductory survey of the basic approaches and concepts used to explore the diversity of human experience, development, and behavior, including important research in the area and application of everyday life. Pre-req. None. Essential Studies. (Class# 11814)

PSYC 497S Internship Bennett
An off-campus, faculty-approved work experience related to the student’s major or minor course of study. This experience must have the approval of the instructor. Internship credit may be repeated to a maximum of 10 S.H. However, no more than five Internship credits per semester are allowed. Course may be repeated depending on the availability of work sites and the quality of the experience. Students are strongly encouraged to work in settings with diverse populations. Pre-req. junior or senior standing, completion of at least 3/4 of the major/minor requirements, cumulative grade point average of 2.50 and a 3.00 grade point average in the major/minor program, and consent of the instructor. S/U grading. (Class# 11815)

SCNC 101 Natural Science (3) Hovde
An essential studies course designed for the non-science major. This course is designed to explore the world around us. It leads from astronomy to geology, meteorology, and biology. It incorporates technology through word processing, spreadsheets, electronic presentations, and Internet usage. Research, writing, reading, cooperative learning, and public speaking are emphasized throughout the course. Pre-req. None. Co-req. SCNC 101L. Essential Studies. (Class# 11905)

SCNC 102 Physical Science (3) Hovde
An essential studies course designed for the non-science major which includes an introduction to the fundamental behavior of matter and energy. Includes elements of physical and chemical science. Pre-req. None. Co-req. SCNC 102L. Essential Studies. (Class# 11796)

SCNC 101L Natural Science Lab (1)
Hovde Online A laboratory experience to accompany Natural Science, SCNC 101. It incorporates technology through use of computer programs, the Internet, and provides hands-on experiences in the natural sciences. Pre-req. None. Co-req. SCNC 101. Essential Studies. (Class# 11906)

SCNC 102L Physical Science Lab (1)
Hovde Online A laboratory experience for physical science. Co-req. SCNC 102. Essential Studies. (Class# 11797)

IMPORTANT 10-WEEK CLASS INFORMATION:
Last day to add a class 5-28-16
Last day to drop without a "W" 5-28-16
Last day for 100% refund 5-28-16
Last day to drop a class 7-9-16
ASC 92 Algebra Preparation II (2)
Miess  MTWRF 10:00AM-11:20AM CB 105
This course continues the development of the fundamental skills required for the successful completion of studies in college level mathematics courses. Topics include the solutions of linear equations and inequalities, function manipulation, Cartesian geometry and the graphing of linear equations and inequalities, systems of equations, and an introduction to functions. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer. Pre-req: Placement is according to placement test scores or completion of ASC 091 with a grade of “C” or better. (Class# 11793)

ASC 93 Algebra Preparation III (2)
Miess  MTWRF 11:30AM-12:50PM CB 105
This course continues the development of the fundamental skills required for the successful completion of studies in college level mathematics courses. Topics include exponents and radicals, algebraic manipulation involving polynomial and rational forms, and unit analysis. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer. Pre-req: Placement is according to placement test scores or completion of ASC 092 with a grade of “C” or better. (Class# 11794)

CIS 118 Intro To Word Processing (1)
Nelson  Online  A hands-on course in the use of basic word processing software. Student will demonstrate a required level of proficiency in the following skill sets: managing files; creating and editing text, paragraphs, and documents; and creating tables, pictures, and charts. Pre-req: Experience with input devices, Windows environment, and file management. (Class# 11321)

CIS 175 Information Literacy (1)
Kornkven  Online  The course addresses the impact of information in our lives and how to effectively locate, retrieve, evaluate, and use information at the college level. Emphasis will be placed on the changing format of information in the digital world and how those changes affect the ethical use of information, especially copyright and plagiarism. Essential Studies. (Class# 11323)

EDUC 324 North Dakota Studies (1)
Hagen  Online  This course is a general project-based study of North Dakota history and geography designed for Elementary Education majors to demonstrate familiarity with the North Dakota state standards and benchmarks. The course will include social, economic, cultural and political history, as well as presenting information on the geographical elements, climate, and state facts and symbols. Pre-req: Admission to Teacher Education. Co-req: EDUC 301, EDUC 318, MATH 307, MUSC 323, SCNC 321. (Class# 11807)

ENGL 120 College Composition II (3)
Hastings  MTWRF 10:00AM-11:20AM CB 104  During their university careers, students are expected to write documented papers for a variety of classes and purposes. Accordingly, English 120 requires students to write substantial documented papers that skillfully deploy evidence from credible sources in support of a clear thesis and that exhibit control of structure and tone. This end each student will write an analytical paper on a literary or historical work that is read and discussed by the class, but the course includes research writing on a topic chosen by the student and approved by the instructor. Class time is devoted to the process of drafting and revision in consultation with peers, instructor, and/ or Writing Center. Pre-req: Successful completion of ENGL 110 or equivalent course or 27 or above on the ACT English subtest or equivalent exams. Essential Studies. (Class# 11888)

MATH 103 College Algebra (3)  Herman  Online  Relations and functions, equations and inequalities, complex numbers; polynomial, rational, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and summation. Pre-req. Minimum 21 ACT Math score, ASC 093 or equivalent with a grade of “C” or higher. Essential Studies. (Class# 11781)

NURS 470 Nursing Leadership (4)
Ptacek/Christoffers  Online  An exploration of the role of the nurse leader, integrating prior learning with an understanding of the nature of leadership and management theories. An introduction to the principles of project management with application to a clinical leadership project. Consideration of individual student growth, particularly related to the student outcomes of the program and personal goals for future growth. Pre-requisites: NURS 310, NURS 350. Summer online. Nursing majors only. (Class# 11909 and 11422)
ASC 93 Algebra Preparation III (2) Miess MTWRF 10:00AM-11:20AM CB 105
This course continues the development of the fundamental skills required for the successful completion of studies in college level mathematics courses. Topics include exponents and radicals, algebraic manipulation involving polynomial and rational forms, and unit analysis. Study skills will be incorporated throughout the course. Credit earned does not count towards any degree, nor does it transfer. Pre-requisite: Placement is according to placement test scores or completion of ASC 092 with a grade of “C” or better. (Class# 11795)

CIS 114 Intro to Spreadsheet Applications (1) Nelson Online A hands-on course in the use of basic spreadsheet application software. Student will demonstrate a required level of proficiency in the following skill sets: managing files, working with cells, formatting worksheets, page setup and printing, working with worksheets and workbooks, working with formulas and functions, and using charts and objects. Pre-req. Experience with input devices, Windows environment, and file management. (Class# 11953)

CIS 116 Intro To Database Applications (1) Nelson Online A hands-on course in the use of basic database application software. Student will demonstrate a required level of proficiency in the following skill sets: planning and designing basic databases, working with Access software, building and modifying tables, building and modifying forms, viewing and organizing information, defining relationships, producing reports, integrating with other applications, and using Access tools. Pre-req. Experience with input devices, Windows environment, and file management. (Class# 11954)

MATH 103 College Algebra (3) Miess MTWRF 08:30AM-09:50AM CB 105
Relations and functions, equations and inequalities, complex numbers; polynomial, rational, exponential and logarithmic functions, systems of equations, matrices and determinants, sequences and summation. Pre-req. Minimum 21 ACT Math score, ASC 093 or equivalent with a grade of “C” or higher. Essential Studies. (Class# 11419)

NURS 470 Nursing Leadership (4) Staff Online An exploration of the role of the nurse leader, integrating prior learning with an understanding of the nature of leadership and leadership and management theories. An introduction to the principles of project management with application to a clinical leadership project. Consideration of individual student growth, particularly related to the student outcomes of the program and personal goals for future growth. Pre-req. NURS 310, NURS 350. (Class# 11422)
**Academic Calendar**

April 5  Registration begins for summer courses
May 30  Holiday observed – no classes
May 23 10-week session courses begin
May 23 First 5-week session courses begin
May 25 Last day to register/add for first 5-week session
May 25 Last day for no-record drop @ 100% for first 5-week session
May 31 8-week session courses begin
May 28 Last day to register/add courses for 10-week session
May 28 Last day for no-record drop @ 100% for 10-week session
June 4 Last day to register/add courses for 8-week session
June 4 Last day for no-record drop @ 100% for 8-week session
June 6 Summer Financial Aid disbursed
June 6 Payment of fees for summer
June 15 Last day to drop a class/withdraw for first 5-week session
June 26 Final Exams for first 5-week session
June 27 Second 5-week session courses begin
June 29 Last day to register/add courses for second 5-week session
June 29 Last day for no-record drop @ 100% for second 5-week session
July 4  Holiday observed—no classes scheduled
July 6 Last day to drop a class/withdraw for 10-week session
July 9 Last day to drop a class/withdraw for 8-week session
July 25 Final exams for 8-week session
July 20 Last day to drop a class/withdraw for second 5-week session
July 31 Final exams for second 5-week session
July 31 Final exams for 10-week session

Students registering for Dynamic Sessions will have a maximum of one day to drop the class. No refunds will be granted after the first day of class.

*For drop dates that fall on a Saturday or Sunday, an email to Records@mayvillestate.edu with that date will be accepted.

Summer office hours are Monday through Friday from 7:30 am. to 4:00 p.m.

Click here to access Campus Connection for internet access to class registration, class schedules, grades, fee statements, and financial aid award statement.

**Student Information**

**Tuition and Fees**

Tuition for all summer courses are charged per credit. Subject to change without notice.

**On-Campus Courses**

<table>
<thead>
<tr>
<th>Residency</th>
<th>Per Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Dakota</td>
<td>$265.85</td>
</tr>
<tr>
<td>Minnesota</td>
<td>$290.50</td>
</tr>
<tr>
<td>MT, SD, MB, SK, MHEC</td>
<td>$317.20</td>
</tr>
<tr>
<td>All other States/Provinces</td>
<td>$368.55</td>
</tr>
<tr>
<td>International</td>
<td>$608.89</td>
</tr>
</tbody>
</table>

* Books and instructional materials are NOT included in the prices above.

**Online Courses and Courses at distance sites**

$280 per credit *

*Books, instructional materials, and laptop fee are NOT included in the price above. Books and instructional materials are available at www.mayvillestatebookstore.com.

**Financial Aid**

Students enrolled in six (6) or more credits may be eligible for Student Financial Aid. In order to receive consideration, each student must have on file a completed 2015-2016 Free Application for Federal Student Aid (FAFSA) and an MSU Summer Supplemental Financial Aid Application. These forms are available at www.fafsa.ed.gov and www.mayvillestate.edu/prospective-students/paying-school/financial-aid/documentsforms/. Early application is recommended by May 31, 2016. Notices and directions for summer financial aid will be sent by email to all students beginning in April. In some instances a student enrolled in less than 6 credits may be eligible to receive Federal Pell Grant funding but is not eligible for any other federal funding.

**Housing/Residence Hall**

Residence Halls are available during the summer session at the following rates:

**Berg Hall Single:**

<table>
<thead>
<tr>
<th>Type of Payment</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full summer</td>
<td>$1,836</td>
</tr>
<tr>
<td>Per Week</td>
<td>$165</td>
</tr>
<tr>
<td>Per Day</td>
<td>$30</td>
</tr>
</tbody>
</table>

If you plan to stay in a residence hall, you will need to complete a Housing Application Go to Campus Connection, click on Self Service, and use the Housing Application link to get into your “My Housing” account. Under Applications, select the Summer process. You will need to pay the $25 application fee (card or e-check) at the end of the process.

Make arrangements for check-in times through the Student Life Office at student.life@mayvillestate.edu or 701-788-4697 or 701-788-4822

**Dining Services**

The Comets Landing Snack Bar will be open Monday through Thursday from May 23 through July 1 from 8:30 a.m. to 1:30 a.m. The Cafeteria will be open varied hours during basketball camps. Mayville State Dining Services is located in the Campus Center.
Academic Information

High School Sophomores, Juniors, or Seniors

High school students now classified as sophomores, juniors, or seniors may enroll as early entry students or earn dual credit during the Summer Session. To qualify, the student must have a 3.0 GPA and be recommended by his/her high school principal or counselor. Information regarding dual credit may be obtained from your high school principal.

Kindergarten Endorsement

Kindergarten endorsement is available to licensed North Dakota elementary teachers, by completing the following courses:

- EC 210—Introduction to ECE (3)
- EC 211—Observation/Assessment/Interpretation Tech. (3)
- EC 313—Language/Literacy in ECE (3)
- EDUC 436—Kindergarten Methods (2)
- SPED 337—Special Needs in ECE (3)

Current Mayville State students who wish to teach kindergarten must complete the Early Childhood Education minor, EDUC 436-Kindergarten Methods, and enroll in five (5) S.H. of kindergarten student teaching.

Note: ESPB administrative rules are available on the ESPB Website: [http://www.nd.gov/espb/licensure/majorequivreq.html](http://www.nd.gov/espb/licensure/majorequivreq.html).

Middle School Endorsement

Endorsement for teaching in middle school is available on a voluntary basis to teachers licensed to teach elementary grades 1-6 or to specialty areas licensed to teach grades 1-12. Elementary teachers licensed to teach grades 1-6 must complete the middle school endorsement to teach in grades 7-9. The middle school endorsement is mandatory for teachers licensed for grades 7-12 to qualify for work with grades 5-6 in the subject field(s) of their licensure. All courses will be offered online during Summer Session 2016.

- EDUC 426—Reading in the Content Area (3)
- PSYC 255—Child and Adolescent Psychology (3)
- EDUC 430—Foundations of the Middle School (3)
- EDUC 435—Middle School Methods and Materials (3)

Field experience in an approved middle school setting, 20 clock hours, or student teaching in a middle school setting, 5 semester hours.

Title I Certificate of Completion

Elementary Education students completing this certificate can apply to the North Dakota Department of Public Instruction for a Reading Credential Elementary (Grades K-6). Secondary Education students in English, Social Studies, or Science completing this certificate can apply to North Dakota DPI for a Secondary Generalist Credential (Grades 7-12). Students must complete the three required courses listed below:

- EDUC 350 - Remedial Reading (3)
- EDUC 351 - Remedial Reading Practicum (2)
- ENGL 426 - Reading in the Content Area (3)

It is the student’s responsibility to apply for the credential. Applications should be submitted simultaneously with the teacher certification application. The application for a Title I credential can be downloaded at: [www.dpi.state.nd.us](http://www.dpi.state.nd.us).

How to apply and register

Visit [www.mayvillestate.edu](http://www.mayvillestate.edu) and click on “Apply Now” to complete the online application for admission. A one-time $35 application fee is required for new students.

Pre-registration will begin on April 5, 2016. Registration for courses will continue until the beginning of each session. Courses require a minimum number of pre-registered students. Any course may be cancelled due to low enrollment. Students will be informed of any cancellation affecting their enrollment before the beginning of the class.

Extended Learning Course Registration

To register for any of the Extended Learning Courses offered (exception listed below), go to Campus Connection. If you have any questions regarding an Extended Learning course, or how to register for the course, please call 1-800-437-4104, ext. 34667.

To register for BIOL 220/220L or BIOL 221/221L (Anatomy & Physiology) go to [www.mayvillestate.edu](http://www.mayvillestate.edu) and “MSU Online,” then click on “Schedule and Registration Information.”

Course materials and required supplies for Extended Learning Courses can be ordered at [www.mayvillestatebookstore.com](http://www.mayvillestatebookstore.com). If you have any questions, please call 1-800-437-4104, ext. 34823 to reach the MSU Bookstore.

For more information call 1-800-437-4104

Extended Learning
Office of Extended Learning, ext. 34667
[ExtendedLearning@mayvillestate.edu](mailto:ExtendedLearning@mayvillestate.edu)

Admissions
Office of Admissions, ext. 34635
[MASU.Admissions@mayvillestate.edu](mailto:MASU.Admissions@mayvillestate.edu)

Financial Aid
Financial Aid, ext. 34893
[Fin_Aid@mayvillestate.edu](mailto:Fin_Aid@mayvillestate.edu)

Housing
Campus Programming, ext. 34697

Registration
Office of Academic Records, ext. 34774
[records@mayvillestate.edu](mailto:records@mayvillestate.edu)