



Bulletin for Graduate Programs

Administrative Structure of the Program

The Graduate Studies Program is governed by the provost and vice president for Academic Affairs, the graduate dean, the Graduate Council, and the graduate faculty. Each graduate degree program is administered by a graduate coordinator, who serves as chair for individual graduate faculty committees, which develop policies and procedures unique to the different graduate degrees. These graduate program coordinators serve on the Graduate Council to oversee the policies and procedures as established by the South Dakota Board of Regents and the president of the university.

Dean of Graduate Studies

The dean of Graduate Studies is responsible for the overall operation and welfare of the program as well as administering Board of Regents' policies and procedures related to graduate education for the South Dakota state system of higher education. The dean reports to the provost / vice president for Academic Affairs. The dean works closely with the provost, the Graduate Council, the deans overseeing academic programs, the individual graduate program coordinators, and the graduate faculty to ensure and direct strategic planning for the Graduate Studies Program.

Graduate Program Coordinators

Each degree program is administered by a graduate program coordinator, who is chosen by the academic dean of the college that houses the program in collaboration with the graduate dean. Each coordinator is responsible for admitting graduate applicants to the specific graduate degree, overseeing curriculum design and course rigor for the specific graduate degree, providing initial advising for graduate students regarding their overall program of study in the specific graduate degree, ensuring that graduate students complete specific graduate degree and program requirements, and chairing the graduate faculty committees for each degree program.

Graduate Faculty

Members of the graduate faculty are those approved under the policies established by the university to teach a course offered for graduate credit. The members of the graduate faculty also advise students, guide students' thesis writing, conduct comprehensive examinations, and certify students' eligibility for graduation. Graduate faculty work with the provost, graduate dean, and the individual graduate program coordinators to maintain the quality and integrity of the graduate program. Any adjunct instructors in graduate programs are selected within the appropriate discipline and approved by the Graduate Council consistent with requirements of relevant accrediting bodies.

Graduate Council

The Graduate Council serves as a policy-making body, and the dean of Graduate Studies serves as chair for this committee. The Graduate Council is responsible for developing policies and ensuring faculty involvement in administering relevant procedures to sustain a quality graduate program. The council also advises the vice president of Academic Affairs on matters related to program requirements and procedures. The members are the graduate dean and program coordinators. They are as follows:

Program Coordinator for Master of Science in Integrative Genomics	Dr. Yun Seok Choi
Program Coordinator for Master of Business Administration	Mr. Greg Benzmiller
Program Coordinator for Master of Science in Curriculum & Instruction	Dr. Brian Eberhard
Program Coordinator for Master of Education in Reading	Dr. Denice Turner

Program Coordinators for Master of Science in Secondary Education	Dr. Ryan Amys
Program Coordinator for Master of Science in Strategic Leadership	Dr. Laura Colmenero-Chilberg
Program Coordinators for Master of Science in Sustainability	Dr. Dan Asunskis
Program Coordinator for MAT in Special Education	Dr. Mary Anne Fleury

Graduate Student Classification

Graduate students enrolling at Black Hills State University are categorized as either non-degree or degree-seeking students.

Degree Seeking Graduate Student

A student who applies and is admitted to a specific graduate program is considered degree-seeking. The degree-seeking student's program of study follows a well-defined sequence of coursework and requires specific courses. The application for admission to all BHSU graduate programs is found online.

Non-Degree Seeking Graduate Student

The student who is not admitted to a specific graduate program may still take graduate courses as a non-degree seeking graduate student with permission of the program coordinator and instructor. The purpose of this category is to allow students to experience a variety of graduate courses for personal or professional growth. Non-degree graduate students are allowed to take as many graduate courses as they wish in any area. If they then choose to apply for admission to a specific program, previous graduate credits from BHSU may be used as credit toward graduation provided those credits are for courses relevant to the program and have been earned recently enough to allow the candidate to meet the deadline of completing all course work for the degree within six years (see below). When needed, graduate coordinators determine whether previously taken courses will count toward a degree.

Admission to Graduate Study

Graduate students enrolling at Black Hills State University are admitted as U.S. citizens or international students.

To be admitted, U.S. citizens must submit the following items:

1. A completed online application form for admission to the Graduate Study Program.
2. An official transcript of all college or university credit including both undergraduate and graduate credit, if applicable.
3. A \$35 application fee.
4. Transcripts for undergraduate degree and for any graduate work for which the student is seeking to transfer credit.
5. Other program-specific materials as indicated in the online application and in the handbook for the program.

Note that enrolled students who do not complete any classes for three or more consecutive semesters must then reapply.

Note about admission: all graduate students are subject to the current policies established by the SD Board of Regents concerning immunization and any other requirements.

International Student Admission

Prospective students in BHSU's MBA program, because it requires physical presence, must also provide the following:

1. Evaluation of any transcripts from institutions outside the US.
 Note: If a prospective student's undergraduate institution is from outside the United States, the student should send the official transcript directly to [WES](#) or [ECE](#) for a course-by-course evaluation, requesting the evaluation be sent directly to Black Hills State University.
2. For F-1 International Students. Bank Statement or Bank Letter signed and stamped by a bank official AND the [Official Statement of Finances](#) PDF demonstrating the minimum amount for one academic year for both documents. Sponsor's name on the Official Statement of Finances should match the name of the account holder on the bank statement/letter. Contact for Questions and Concerns: international@bhsu.edu

3. **Copy of passport biographic page emailed to international@bhsu.edu**
4. One of the following English Proficiency Exams with scores sent directly from the testing agency to Black Hills State University. Required scores are as follows.
 - [TOEFL](#): (Code 6042)
 - [PBT](#): Minimum score of 500
 - [IBT](#): Minimum score of 61
 - [IELTS](#): Minimum score of 5.5
 - [SAT](#): (Code 6042)
 - i. Critical Reading and Writing: Minimum score of 480
 - [PTE](#): Minimum score of 44
 - Online [E3PT](#) Exam: Minimum score of 62
 - Online [iTEP](#) Exam: Minimum score of 3.6
 - Online [Duolingo](#): Minimum score of 90

Exceptions to requirements for test scores are made if the student enrolls first in BHSU's Academic English Program, has attended secondary school or post-secondary school in the U.S. for at least one academic year, or is from an English-speaking country. Note that for some West African countries, WAEC score > C4 in English language.

Graduate Credit for Seniors

Students classified as undergraduate seniors may request permission to enroll in 500- and 600- level courses for graduate credit if they meet the following requirements:

1. Lack no more than 16 credit hours to completion of that degree.
2. Have an undergraduate grade point average of at least 2.75.

Academic Requirements for all Graduate Students

1. All work submitted for a master's degree, including transferred credit, must be taken within a period of six years, calculated from the date of enrollment.
2. Each program determines how many credits may be transferred from other institutions up to university's limit of ten semester hours.
3. A student must maintain a cumulative GPA of 3.0 to remain in good standing and to graduate. A student whose GPA drops below 3.0 will be placed on probation and allowed one semester to return to good standing.
4. No more than six hours of coursework earning the grade of C may be counted toward the degree regardless of cumulative GPA.
5. Any grade of F places the student on probation and requires the student to repeat the course. In such a case, both grades are recorded on the graduate transcript. However, only the latest grade will figure into the calculation of GPA.
6. A student may enroll in a graduate course for credit only two times unless granted special permission by the graduate dean.
7. Students must enroll in a minimum of six hours per semester to be considered full-time. This designation may affect eligibility for federal financial aid.
8. Transfer credits from another institution will be recorded on the students' transcript after the first semester of graduate course work at BHSU is complete.
9. Students should apply for graduation through their program coordinator at the beginning of their final semester of coursework.

Grades and Use of Grade Point Averages (GPA)

Below is a summary of BHSU's graduate grading system. For a full explanation, see SD Policy 2:10.

Grades assigned at the 500-level or above are considered at the graduate academic level. Points assigned are consistent with national standards, in which an A receives 4 points, a B three points, and so on. There are no pluses or minuses.

An incomplete (I) grade may be granted only when all of the following conditions apply:

1. A student has encountered extenuating circumstances that do not permit him/her to complete the course.
2. The student was earning a passing grade at the time the incomplete is necessitated.
3. The student does not have to repeat the course to meet the requirements.
4. A grade of incomplete may be assigned if the student requests the change, and the instructor has agreed based on the judgement that a reasonable amount of work has been performed and that the student is passing the course to date. A grade of incomplete may not be assigned simply so the student can avoid a failing grade.
5. Student and instructor have agreed on a plan for completion of the work.

Upon assignment of a grade of incomplete, the student must finish required work within one calendar year unless an extension of that deadline is granted by the graduate dean.

For an explanation of other designations for grades (other than A through F and I) refer to board policy.

Tuition, Fees, Other Costs:

Tuition and fees are established and posted by the South Dakota Board of Regents.

Students will be required to pay their full bill or make other financial arrangements no later than the first business day after census. Payment for classes added after the semester due date must be made upon registration. A late payment fee may be assessed on payments made after the semester due date.

No student is officially enrolled until all financial obligations have been paid. This, however, does not mean that students can register and simply not attend a class without incurring a financial obligation to the university. Students who are in any way financially indebted to the university or who have failed to account for university property placed in their possession will be denied university services, including class registrations and transcripts of grades, until they have made satisfactory settlement.

Financial Aid - Financial Aid may be available for graduate students who have the necessary qualifications. For more information, contact Student Financial Services, 605-642-6051.

Books and Supplies - Students may purchase their books and other supplies from the university's bookstore, located in the Student Union, 605-642-6636. Online purchasing is available.

Housing Accommodations

Black Hills State University has on-campus housing available for graduate students. Students living in the residence halls are required to purchase the meal plans during the session they are enrolled, while off-campus students may purchase such meal plans if they desire. For other housing options, please call 605-642-6464.

Graduate Assistants

Black Hills State University will award a limited number of assistantships to full-time students in good academic standing. Program coordinators (in collaboration with others in the university administration) assign assistantships and determine work assignments and pay based on positions available and qualifications of applicants. Interested students and prospective students should request information from their program coordinators.

Kinds of Assistantships

- Graduate Teaching Assistants (GTA) may be responsible for teaching undergraduate courses or for providing instructional or laboratory support for a course (such as proctoring exams, lab set-up, or preparation of course materials, and other activities deemed relevant and appropriate) under the supervision of the instructor of record. The GTA stipend is paid as salary over the course of the semester in which the student is employed.
- Graduate Research Assistants (GRA) are assigned to research projects under the supervision of a professor or an administrative officer of the University. The GRA stipend is paid as salary over the course of the semester in which the student is employed.

- Graduate Administrative Assistants (GAA) are assigned to facilitate administrative or technical support to tasks/projects identified by appropriate University personnel. They are not responsible for any instructional or research support.

Graduate Assistants are considered temporary employees and are not employed in a permanent classification. Any grievance arising from this employment relationship shall be brought under non-faculty exempt procedures. Graduate Assistants are not eligible for benefits including sick and annual leave, health and life insurance, and retirement.

Termination of Assistantship

A graduate assistantship may be terminated due to lack of funds, inability of the student to maintain satisfactory status or perform assigned duties, failure to maintain progress towards completion of the degree, termination of the project, or academic or other misconduct as determined by the program coordinator. Similarly, the graduate assistant may terminate his or her employment by written notification to the program coordinator with or without cause for the term in which the student is enrolled. If the student relinquishes the assistantship during mid-semester but maintains enrollment, that student is responsible for reimbursing the university for the tuition reduction.

Grievance Process

For grievances academic matters (including grades) or assistantships, a student should first meet with the relevant graduate coordinator to seek resolution. If the matter isn't resolved, the student may appeal to the graduate dean. Further appeals would be made to the Graduate Council and then to the provost.

The Graduate Programs

Note: Additional information specific to each program is found in its handbook.

Master Of Science in Secondary Education

The Master of Science in Secondary Education (Project SECOND) is designed to provide candidates for post baccalaureate secondary teacher certification. It is intended for individuals with bachelor's degrees from accredited colleges or universities that can lead to secondary content teaching areas. This 35-credit program is an online opportunity, with classroom experience through practicum and student teaching, that allows individuals to become fully certified and complete a master's degree.

The culmination of the Master of Science in Secondary Education is the completion of the Praxis Performance Assessment for Teachers (PPAT). The PPAT assessment evaluates test takers' abilities to influence student learning as it relates to the InTASC Model Core Teaching Standards, demonstrating that they have the basic pedagogical content knowledge and application for the classroom to begin teaching as an entry-level teacher. It is designed to:

- Develop more effective teachers in the classroom
- Identify strengths and areas for improvement of practice
- Allow student teachers to continually refine their teaching practices
- Contribute to a development plan for professional growth (taken from ets.org)

Master Of Arts in Teaching Special Education

The Master of Arts in Teaching Special Education (MAT-SPED) graduate program facilitate professional growth while providing initial certification in K – 12 SPED. This program is intended for candidates with non-teaching bachelor's degrees who decide to pursue a career in K-12 special education. This 47-credit program is an online opportunity, with classroom experience through practicum and student teaching, that allows individuals to become a certified K-12 special education teacher and complete a master's degree.

The culmination of the MAT-SPED is the completion of the Praxis Performance Assessment for Teachers (PPAT), as described in the section above.

Master of Science in Curriculum and Instruction

The Master of Science in Curriculum & Instruction (MSCI) provides practicing teachers with the opportunity to deepen their understanding of both content and pedagogy; it also prepares them for leadership roles in their schools. Coursework is online and includes site-based research.

MSCI students select an area of emphasis for their program of study: Education Studies, K-12 Mathematics, K-12 Special Education, or Mathematics. Candidates for the MSCI degree complete required “core” and “content-area” courses designated for their specific area of emphasis. Core courses are guided by the National Board for Professional Teaching Standards (NBPTS). Content courses in each of the areas of emphasis align with state standards and national standards of the designated professional association (National Council for Teachers of Mathematics, Council for Exceptional Children). MSCI coursework may apply to continuing education requirements and/or South Dakota Department of education endorsement requirements.

Master of Science in Strategic Leadership

The Master of Science in Strategic Leadership (MSSL) provides students with an interdisciplinary understanding of leadership theory and the critical strategies necessary to impact change. This graduate degree is designed to support career advancement in government and non-profit organizations as well as in the military.

The curriculum focuses on an interdisciplinary approach to prepare leaders to guide strategic planning through effective communication and creative problem-solving methods; articulate and implement an organization’s vision; and encourage professional growth in others by leading change through proactive group facilitation. This degree is offered as an on-line program. Graduates completing this program will:

- Articulate an organization’s vision
- Guide strategic planning
- Communicate effectively
- Promote problem solving
- Encourage professional growth in others
- Lead change
- Facilitate team/group action

This degree is offered as an online program only and can usually be completed in two years.

Master of Science in Integrative Genomics

Master of Science in Integrative Genomics (MSIG) is an inter-disciplinary program that combines genomics, ecology, biochemistry, molecular biology, and physiology to address fundamental biological questions. Integrative Genomics is a growing area of biological research that seeks to place the functional significance of an organism's many genes into an ecological and biomedical context. Exposure to modern techniques and instruments in the laboratory and field will prepare the students for success in academic and other biotechnology related pursuits. Qualified graduate students can receive financial support through teaching and research funds

Master of Science in Sustainability

The Master of Science in Sustainability (MSS) is an interdisciplinary program that engages students in the solving of complex ecological and social issues: an expertise highly sought after by employers. The programs’ goal is two-fold--to facilitate change that results in resilient and sustainable environments, businesses, industries, governmental agencies, and communities; and to empower students to be effective communicators and leaders.

The MSS Program is fully online and offers courses in the fall, spring and summer. Course rotations are designed to facilitate the completion of the thirty-three-credit degree in two years. Courses integrate science, social science, economics, communication, and leadership principles. The curriculum addresses a wide range of issues related to sustainability. Coursework focuses, in part, on how to communicate with stakeholders to implement practical, cost-effective solutions.

Master of Business Administration

The Master of Business Administration is designed to provide candidates with a high quality, ten-course, 30 credit hour program that can be completed in two years. The curriculum includes a broad-spectrum exposure to business principles and challenges. Course delivery remains primarily face-to-face/hybrid, taught exclusively by academically and professionally qualified faculty. The program is fully accredited by the Association to Advance Collegiate Schools of Business (AACSB).

The MBA program is structured for the convenience of working professionals, with courses offered twice each week during the evening from the university's satellite campus BHSU-RC in Rapid City, South Dakota. It is designed to:

- Build strong foundation in practical administrative skills
- Foresight into challenges/opportunities in business & economy
- Responsive management skills

Course Numbering System

Each course carries a three-digit number. The second and third digits are used within colleges in sequence. They indicate lab or lecture, area identification and prerequisite courses. The first digit in the number indicates the college year when the course should be taken. Courses numbered in the 100s are normally taken by freshmen, 200s by sophomores, 300s by juniors, and 400s by seniors, 500s by seniors with special approval and graduate students, 600s and 700s are by graduate students only.

Note: Common Course Numbering and Descriptions are identical courses at any of the SD Regental Institutions (BHSU, DSU, NSU, SDSM&T, SDSU, and USD) offering those courses. The Unique Courses are only offered at Black Hills State University.

Chart of Abbreviations

ACCT	Accounting
AIS	American Indian Studies
ART	Art Studio
ARTE	Art Education
BADM	Business Administration
BED	Business Education
BIOL	Biology
CHEM	Chemistry
ECE	Early Childhood Education
ED	Education
EDFN	Foundations of Education
ELED	Elementary Education
ENGL	English
ENTR	Entrepreneurial Studies
HIST	History
HRM	Human Resources Management
INED	Indian Education
LIBM	Library Media
LING	Linguistics
MATH	Mathematics
MCOM	Mass Communication
MGMT	Applied Management
MLED	Middle Level Education
MUS	Music Ed/Theory/Lit
PHSI	Physical Science
POLS	Political Science
PSYC	Psychology
SCI	Science
SEED	Secondary Education
SLDR	Strategic Leadership
SOC	Sociology
SPCM	Speech Communication
SPED	Special Education
SS	Social Science
SUST	Sustainability
TECH	Technology
THEA	Theatre
THM	Tourism/Hospitality Management

Courses

ACCT 506 - Accounting for Entrepreneurs

Common Course Number & Description

Accounting concepts and practices for entrepreneurs/small business owners. Emphasis given to the use of accounting tools to solve small business problems.

3 semester hours

AIS 590 - Seminar

Common Course Number & Description

A highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as internet and are at the upper division or graduate levels. Enrollment is generally limited to fewer than 20 students.

1 to 3 semester hours

ART 591 - Independent Study

Common Course Number & Description

Includes directed study, problems, readings, directed readings, special problems and special projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 12 semester hours

ART 592 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 9 semester hours

ARTE 571 - Art for Elementary Teachers

Unique Course

This course is designed to develop an understanding of the functions of the visual arts in contributing to the growth and development of students in K-8 programs. Students will do research in assessment of art as it relates not only to the art produced in the classroom but also to the curriculum in art developed in other areas of study such as math or science.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

3 semester hours

BADM 506 - Accounting for Entrepreneurs

Common Course Number & Description

Accounting concepts and practices for entrepreneurs/small business owners. Emphasis given to the use of accounting tools to solve small business problems.

3 semester hours

BADM 507 - International Business

Common Course Number & Description

This course provides a basic understanding of the challenges and opportunities involved in the operation of international enterprises. Major points of discussion include the economic and political influences on operations, as well as other selected topics.

3 semester hours

BADM 531 - Risk Analysis and Insurance

Unique Course

This introductory course is designed to provide the student with an understanding of risk analysis, risk management, insurance principles, and consumer and business-related insurance products.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

3 semester hours

BADM 538 - Entrepreneurship II

Common Course Number & Description

This course focuses on the process of screening an opportunity, drafting a personal entrepreneurial strategy, and understanding the business plan writing process. Building the entrepreneurial team and the acquisition and management of financial resources are emphasized along with venture growth, harvest strategies, and valuation.

3 semester hours

BADM 564 - Organizational Behavior

Common Course Number & Description

This course is a study of individuals and groups. Traditional organization theory and concepts are presented and study is given to motivation, group dynamics, and methods of coordination, change, and adaptation within an organization.

Prerequisite

BADM-360

3 semester hours

BADM 565 - Integrated Marketing Communications

Unique Course

This is a strategic approach to developing synergy between the various communication tools available to companies. Students will examine the use of advertising, personal selling, sales promotions, and public relations. The impact of Internet communications will also be addressed. Students will learn how these tools may be used together to develop strategies for communicating with consumers, publics, suppliers, companies within

distribution systems, and business-to-business markets within the global marketplace.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

Prerequisite

BADM-370

3 semester hours

BADM 573 - Retail Management

Common Course Number & Description

This course is a study of competitive structure, trade area analysis, site selection, merchandise planning and control, pricing, buying, credit policy and research. Managerial problems concerning the planning and operation of retail facilities are emphasized.

Prerequisite

BADM-370

3 semester hours

BADM 574 - Personal Selling

Common Course Number & Description

This course is a study of the skills needed to develop and manage long-term relationships with customers and suppliers. Emphasis is placed on relationship selling, presentation, prospecting, handling objectives and closing techniques with consideration given to differences in the global marketplace.

Prerequisite

BADM-370

3 semester hours

BADM 576 - Marketing Research

Common Course Number & Description

This course provides an in-depth study of the primary methodologies of marketing research. Emphasis is placed on collecting, analyzing, interpreting and presenting information for the purpose of reducing uncertainty surrounding marketing and management decisions.

Prerequisite

BADM-370 MATH-281

3 semester hours

BADM 592 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 4 semester hours

BADM 593 - Workshop

Common Course Number & Description

Special, intense sessions in specific topic areas.

Approximately 45 hours of work is required for each hour of credit. Workshops may vary in time range but typically use a compressed time period for delivery. They may include lectures, conferences, committee work, and group activity.

1 to 3 semester hours

BED 692 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 3 semester hours

BIOL 530 - Neurobiology

Common Course Number & Description

An advance course on neurons, nervous system and neural science. Neuroanatomical organization, neural development, neuronal function, neurophysiology, neurochemistry and the neurobiological bases of behavior are covered.

3 semester hours

BIOL 531 - Field Biology

Unique Course

Highly recommended in the first semester of graduate study. Scientific method emphasized in several group and individual research projects conducted at various field sites in the Black Hills. Each project includes: development of question based on field observation, stated hypotheses, data collection and analysis, written manuscript, and oral presentation.

2 semester hours

BIOL 534 - Herpetology

Common Course Number & Description

This course is an advanced study of reptiles and amphibians, including their life history, ecology, reproductive habits, physiology, systematics, and biogeography.

Cross-listed

Dual listed with BIOL 434.

Co-Req

BIOL-534L

3 semester hours

BIOL 534L - Herpetology Lab

Common Course Number & Description

This course complements BIOL 534 and will emphasize identification of, and field experience with the reptiles and amphibians of western South Dakota.

Cross-listed

Dual listed with BIOL 434L.

Co-Req

BIOL-534
1 semester hours

BIOL 537 - Biometry

Unique Course

This course introduces students to basic and advanced biostatistics using modern techniques and statistical software. Students are required to have taken a basic statistics course.

Cross-listed

Dual listed with BIOL 437.

3 semester hours

BIOL 544 - Microbial Genomics

Unique Course

Examines the sequencing, analysis, structure, and evolution of prokaryotic and viral genomes; the analysis of microbial gene expression, and use of genomic techniques in studies of microbial physiology and ecology.

3 semester hours

BIOL 563 - Ornithology

Common Course Number & Description

Structure and function, ecology, energetics, classification, and identification of birds. Lecture plus lab component.

3 semester hours

BIOL 563L - Ornithology Lab

Common Course Number & Description

Structure and function, ecology, energetics, classification, and identification of birds. Lecture plus lab component.

1 semester hours

BIOL 565 - Evolutionary and Ecological Plant Physiology

Unique Course

Integrates quantitative genetics and physiological ecology to understand the evolution of species interactions. Emphasizes primary literature and semester-long research project. Lecture topics include water relations, photosynthesis, energy balance, signal transductions, life histories, natural selection, and species interacts.

Co-Req

BIOL-565L

2 semester hours

BIOL 565L - Evolutionary and Ecological Plant Physiology Lab

Unique Course

To complement lectures, semester-long group project focuses on question formulation, experimental design, and gene expression techniques and analysis. Write-up in journal format required.

Co-Req

BIOL-565
1 semester hours

BIOL 574 - Ecological Genomics

Unique Course

An introductory course for graduate students that identifies the organisms and areas in ecology and evolutionary ecology that link best to genomics and specifically functional genomics, the branch of genomics that determines the biological function of genes and their products. Molecular techniques, databases, and analysis of genomic data are discussed. Students are required to have taken a genetics course prior to enrollment.

Co-Req

BIOL-574L

3 semester hours

BIOL 574L - Ecological Genomics Lab

Unique Course

To complement lectures, semester-long group project focuses on question formulation, experimental design, and gene expression techniques and analysis. Write-up in journal format required.

Co-Req

BIOL-574

1 semester hours

BIOL 590 - Seminar

Common Course Number & Description

A highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as internet and are at the upper division or graduate levels. Enrollment is generally limited to fewer than 20 students.

1 semester hours

BIOL 692 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 3 semester hours

BIOL 710 - Population and Quantitative Genetics

Unique Course

Students will learn to integrate and apply methods of molecular genetics to the broader analysis of populations, understanding evolutionary processes, primary forces that shape genetic variation in natural populations, and continuously varying traits.

3 semester hours

BIOL 724L - Genomic Techniques

Unique Course

This course will be a laboratory intensive course where students will learn procedures and methods used in genomics research. Methods emphasized will be experimental design, microarray analysis, real-time PCR and statistical analysis. Research will utilize collaboration and bioinformatics tools along with cutting edge technology in the rapidly growing field of genomics. 2 semester hours

BIOL 735 - Evolutionary Genomics

Unique Course

Evolution of genome size, parasites (e.g., transposons), duplications, and sequence and structure. Comparative methods are emphasized.

2 semester hours

BIOL 791 - Independent Study

Common Course Number & Description

Includes Directed Study, Problems, Readings, Directed Readings, Special Problems, and Special Projects.

Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 4 semester hours

BIOL 792 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 6 semester hours

BIOL 794 - Internship

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than in the case with field experience courses.

1 to 12 semester hours

BIOL 798 - Thesis Research in Biology

Common Course Number & Description

Original research in a selected field of biology and the preparation of a thesis. Required of all M.S. students. Total of 6 credit hours are required (12 credit hours are required for Master's Degree in Integrative Genomics).

1 to 12 semester hours

CHEM 792 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 6 semester hours

ECE 511 - Guidance for Young Children

Unique Course

The emphasis is placed on the importance of understanding young children, infancy through primary years. There is opportunity for using instruments in diagnosis, prescription and treatment; counseling and teaching, and other basic services which teachers and parents may use with children.

3 semester hours

ECE 513 - Early Childhood Curriculum

Unique Course

Early learning trends, current research, and practical application will be considered. The content subject areas and the goals of curriculum will be discussed.

3 semester hours

ECE 517 - Methods of Early Childhood Education

Unique Course

Designed to develop the skills and abilities for planning, implementing, and assessing developmentally appropriate learning activities for young children. The Reggio Emilia Philosophy and the project approach are explored.

3 semester hours

ECE 795 - Practicum

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses.

1 to 6 semester hours

ED 513 - Nature and Needs of the Gifted

Unique Course

The student will learn various theoretical approaches to the education of the gifted. Current research will be presented on the nature of giftedness and practices of enrichment, acceleration and grouping.

3 semester hours

ED 531 - Library Media and Technology

Unique Course

This hands-on course covers current technologies used

to evaluate, produce, and operate instructional media, including multimedia aids used in library media centers. It provides an overview of emerging technologies, including the Internet technology used in libraries/media centers.

2 semester hours

ED 592 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 4 semester hours

ED 601 - Foundations and Issues of Mathematics Education

Unique Course

This course provides an introduction to K-12 mathematics content and process standards, makes the case for using an inquiry-oriented approach in classrooms, and looks at current research. Participants will gain an understanding of the components needed to create a learning environment that encourages and supports all children in building understandings, making connections, reasoning, and solving problems as described in Principles and Standards for School Mathematics published by the National Council of Teachers of Mathematics (NCTM).

2 semester hours

ED 605 - Children's and Young Adult Literature

Unique Course

This course is designed for teachers who will use literature written for children and young adults to teach the content of their curricula. The course is for graduate students interested in knowing about the content of literature for children and young adults. Topics of discussion include: the range of literature for children and young adults, evaluation and value of their literature, strategies for incorporating children's and young adult literature into curricula, and the historical development of children's and young adult literature.

3 semester hours

ED 609 - Contemporary Issues in Science Education

Unique Course

This course highlights current issues in science education, the role of inquiry in science learning, and what research says about improving student outcomes. The course will provide an introduction to K-12 science content and process standards and raise awareness of potential benefits, challenges, and the research base associated with multiple pedagogical strategies. Participants will gain an understanding of the components needed to create a learning environment that encourages and supports all children in building

understandings, making connections, and conducting scientific investigations.

2 semester hours

ED 611 - Algebraic Reasoning: Mathematics Content for K-12 Educators

Unique Course

This course is designed for K-12 educators to deepen their understanding of algebraic concepts that build from kindergarten through high school. Consistent with the Principles and Standards for School Mathematics, published by the National Council of Teachers of Mathematics, this course will emphasize patterns and functions; representation and analysis of mathematical situations; using models and symbols to represent quantitative relationships; and analyzing change.

2 semester hours

ED 619 - Earth and Space Science Concepts for K-12 Teachers

Unique Course

This course is designed for K-12 educators to deepen their understanding of Earth and space science concepts that build from kindergarten through high school. Connections to other areas of science are also emphasized. Instruction revolves around scientific investigations and includes explicit attention to questioning, conjectures, and justification. Participants reflect on the benefits and challenges of this kind of learning environment and consider implications for their own teaching.

2 semester hours

ED 621 - Geometry and Measurement: Mathematics Content for K-12 Educators

Unique Course

This course is designed for K-12 educators to deepen their understanding of geometry and measurement concepts that build from kindergarten through high school. Consistent with the Principles and Standards for School Mathematics, published by the National Council of Teachers of Mathematics, this course will emphasize characteristics of two- and three-dimensional shapes; spatial relationships and reasoning; transformations and symmetry; units, systems, and processes of measurement; and applying techniques, tools and formulas to determine measurement.

2 semester hours

ED 622 - Foundations of Education and Learning Theory

Unique Course

Survey of pre-K-12 American education, with emphasis on teaching as a profession, contemporary issues and practices, legal and ethical responsibilities, and attributes of effective teachers; study of the fundamental psychological principles and theories that apply to the nature of the learner and the learning process.

3 semester hours

ED 624 - Computer Applications in K-12 Curriculum

Unique Course

This course provides participants with the opportunity to examine how digital technology can be used to support problem-based learning activities across the curriculum. The course also focuses on how to use common digital resources available in most classrooms to support the development and application of creativity, innovation, critical thinking, problem-solving, communication, and collaboration.

3 semester hours

ED 629 - Life Science Concepts for K-12 Teachers

Unique Course

This course is designed for K-12 educators to deepen their understanding of life science concepts that build from kindergarten through high school. Connections to other areas of science are also emphasized. Instruction revolves around scientific investigations and includes explicit attention to questioning, conjectures, and justification. Participants reflect on the benefits and challenges of this kind of learning environment and consider implications for their own teaching.

2 semester hours

ED 630 - Educational Collaboration & Research Methods

Unique Course

This course provides an orientation to the graduate learning environment for collaborative learning and to a wide array of electronic databases for scholarly inquiry. It provides an introduction to graduate writing and to qualitative and quantitative research methods.

3 semester hours

ED 631 - Data Analysis and Probability: Mathematics Content for K-12 Educators

Unique Course

This course is designed for K-12 educators to deepen their understanding of data analysis and probability concepts that build from kindergarten through high school. Consistent with the Principles and Standards for School Mathematics, published by the National Council of Teachers of Mathematics, this course will emphasize methods of collecting, organizing, and displaying data; using appropriate statistical methods to analyze data; evaluating inferences and predictions that are based on data; and understanding and applying basic concepts of probability.

2 semester hours

ED 639 - Physical Science Concepts for K-12 Teachers

Unique Course

This course is designed for K-12 educators to deepen their understanding of physical science concepts that build from kindergarten through high school. Connections to other areas of science are also

emphasized. Instruction revolves around scientific investigations and includes explicit attention to questioning, conjectures, and justification. Participants reflect on the benefits and challenges of this kind of learning environment and consider implications for their own teaching.

2 semester hours

ED 641 - Understanding Student Thinking in Numbers and Operations

Unique Course

This course is designed to deepen teachers' awareness of ways that students come to understand whole numbers, rational numbers, and operations. Emphasis is placed on common student difficulties and on how teachers can help to move students from a procedural approach to conceptual understanding.

2 semester hours

ED 642 - Methods of Instructional Technology

Unique Course

This course provides extensive practice finding, evaluating, and using digital technologies to support constructivist learning environments. Students will design model learning units that use a variety of interactive digital tools to support the development and application of higher order thinking skills of K-12 learners.

3 semester hours

ED 649 - Translating Theory Into Practice: Earth and Space Science

Unique Course

This course is designed to help teachers think through major ideas within K-12 Earth and space science and to use educational research to examine how students develop their ideas. The course is also designed to raise awareness of common student misconceptions and to deepen teachers' knowledge of effective instructional practices.

2 semester hours

ED 650 - Assessment & Correction of Reading Difficulties Grades 6-12

Unique Course

The course develops teacher expertise in administering reading assessments that will drive instruction needed to meet the needs of diverse learners in grades 6-12. The course emphasizes theoretical and practical applications for classroom, small group, and one-to-one settings. Teachers will apply course material through a case study with an intermediate or secondary reader, developing individualized corrective plans and procedures.

3 semester hours

ED 651 - Understanding Student Thinking in Algebra

Unique Course

Based on recent research in mathematics education, this

course provides opportunities for educators to deepen their understanding of how K-12 students develop algebraic reasoning. The course focuses on conceptual and procedural understanding of the key algebraic ideas of equality, variables and equations, patterns and functions, proportional reasoning, symbolic representation, and inductive and deductive reasoning.
2 semester hours

ED 653 - Seminar in Indian Education

Unique Course

A research and discussion course in the various areas of Indian education. Topics such as boarding schools, federal responsibilities, health problems, and reservation community colleges are to be considered by the class.
1 to 3 semester hours

ED 659 - Translating Theory Into Practice: Life Science

Unique Course

This course is designed to help teachers think through major ideas within K-12 life science and to use educational research to examine how students develop their ideas. The course is also designed to raise awareness of common student misconceptions and to deepen teachers' knowledge of effective instructional practices.
2 semester hours

ED 661 - Understanding Student Thinking in Geometry Measurement

Unique Course

This course is designed to help teachers think through major ideas of K-12 geometry and measurement topics and use recent research to examine how students develop those ideas including their common misconceptions. Course activities are also designed to deepen teachers' pedagogical knowledge about effective instructional practices.
2 semester hours

ED 663 - Graduate Writing

Unique Course

The Graduate Writing course provides an overview of the standard forms of scholarly writing in the field of education. Student-produced writing, especially for the Professional Portfolio, is the medium for evaluating and developing writing proficiency. Emphasis is placed on the connections between form and function, documentation, mechanics, and style are stressed in terms of effectiveness.
1 semester hours

ED 669 - Theory Into Practice: Physical and Earth Science

Unique Course

This course is designed to help teachers think through major ideas within K-12 physical and earth science and to use educational research to examine how students develop their ideas. The course is also designed to raise

awareness of common student misconceptions and to deepen teachers' knowledge of effective instructional practices.
2 semester hours

ED 671 - Assessment for School Mathematics

Unique Course

This course supports educators in assessing what K-12 students know, what they can do, how they think mathematically, and their attitudes toward mathematics. Current assessment practices, from informational questioning to standardized testing, are explored, and the use of assessment information to guide instruction is emphasized. The course also considers national data and examines connections between staff development, classroom practice, and student outcomes, thereby laying a foundation for discussions about the future direction of local, state, and national mathematics improvement efforts.
2 semester hours

ED 679 - Assessment of Science Teaching Learning

Unique Course

This course supports educators in assessing what K-12 students know, their capacity to conduct investigations, their ability to reason scientifically, and their attitudes toward science. Current assessment practices, from informal questioning to standardized testing, are explored, and the use of assessment information to guide instruction is emphasized. The course also considers national data and examines connections between staff development, classroom practice, and student outcomes, thereby laying a foundation for discussions about the future direction of local, state, and national science improvement efforts.
2 semester hours

ED 688 - Student Teaching

Unique Course

Students preparing to teach will observe, participate, and teach under the supervision of the regular classroom teacher in an approved school.
Registration Restriction
Admission to Teacher Education
Prerequisite
1 to 16 semester hours

ED 692 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.
1 to 4 semester hours

ED 695 - Practicum

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses. 1 to 4 semester hours

ED 703 - Applying Learning Theory to Instructional Design

Unique Course

This course challenges participants to analyze different theories of learning and to determine how those theories influence instructional design and assessment. Within the framework of learning theory, students will plan and design model technology integrated units to provide learning opportunities that integrate a variety of tools and strategies to match learning levels, interests, and needs of students and that will promote concept-based learning.

3 semester hours

ED 712 - Educational Assessment

Unique Course

The course will improve a teacher's ability to evaluate and select tools for student evaluation. Focus on well rounded evaluation programs will examine alternative, performance based tools and development of testing items that assess complex order thinking. The rationale and use of standardized testing will also be discussed. Students will study current issues in assessment and develop projects related to evaluation of teaching and learning that best fit their professional objectives.

3 semester hours

ED 715 - Nature and Nurture of Creativity

Unique Course

A study of the human process of creativity and how it is nurtured. A consideration of the research on creativity with particular attention to creative processes in children. Application of methods to help remove blocks to creativity. Students will prepare a major creativity project to be used in schools.

3 semester hours

ED 717 - Gifted Methods Instruction & Curriculum

Unique Course

This course is the methods course in gifted education. It satisfies the requirement for one of the four courses needed for meeting the gifted education endorsement established by the South Dakota Board of Education. Various curricular approaches for educating the gifted will be studied including, but not limited to, the Renzulli Model, the structure of the intellect model, the Gallagher model, and the Calvin Taylor model.

3 semester hours

ED 719 - Practicum in Gifted Education

Unique Course

This practicum course is designed to offer to the student seeking gifted education endorsement: A. Experience in teaching children and youth who have been identified as gifted; B. Opportunities for developing school district plans for the education of the gifted; C. Experience in implementing gifted education plans; and D. Experience in evaluating gifted education plans.

3 semester hours

ED 727 - Technology in Education: Equity & Ethics

Unique Course

Students will examine current educational practices and policies related to technology integration in schools to determine what level of support these policies provide to students regardless of economic status, culture, or gender. Students will also examine legal standards for fair use of materials obtained using technology and recommend policies that support both equitable and ethical use of educational technology in schools.

3 semester hours

ED 728 - New & Emerging Technology for Schools

Unique Course

Participants in this course will perform in-depth analyses of leading edge digital technologies and evaluate them for their potential to support learning in K-12 schools. Students will make research-supported recommendations for technology integration and faculty development to support new materials usage.

3 semester hours

ED 740 - Comparative Education

Unique Course

Focus will be on educational systems other than the American model. Political, social, cultural, economic and ideology forces will be compared with educational structure and practices.

3 semester hours

ED 741 - Historical Development of Mathematical Concepts

Unique Course

This course traces the origins and development of key concepts in the history of mathematics starting with early Egyptians, Babylonians, and Mayans and continuing to current times. Emphasis is given to the impact of mathematical discoveries on the civilizations that gave rise to them and to the impact of these discoveries on subsequent mathematical thought.

2 semester hours

ED 742 - Literacy & Language: Reading & Writing Instruction

Unique Course

This course will provide classroom teachers with an understanding of the language base for literacy, as well as the theories, research, and practices that create effective language arts instruction. These practices will

center on the six areas of the language arts: reading, writing, speaking, listening, viewing, and visually representing information.
3 semester hours

ED 744 - Curriculum Development & Instruction

Unique Course

In this course, students will be introduced to the philosophy, methods and factors used in the research and development of curriculum in public and private schools. Students will also consider different types of curriculum organization.

3 semester hours

ED 745 - Curriculum History and Theory

Unique Course

Curriculum is rooted in the dynamics and demands of place and culture and in the conditionings and continuities of history. The Curriculum History & Theory Course explores theory and practice that evolved from antiquity into the twenty first century and highlights significant factors and people that influenced development of curriculum through the twentieth century to the present.

3 semester hours

ED 747 - Reading Research & Theory

Unique Course

This course will provide classroom teachers and teachers specializing in reading with an understanding of the research and evidence for effective reading instruction as they relate to theory and classroom practice. The course will examine theories, trends, and issues, both past and present.

3 semester hours

ED 748 - Cultural and Linguistic Diversity in Schools

Unique Course

This course will provide a study of curriculum development across the increasing range of cultural and linguistic diversity in America's schools. It is designed to provide the graduate student with the tools necessary to recognize, develop, evaluate and assess the impact that language and cultural diversity has on learning in today's classrooms.

3 semester hours

ED 749 - History, Nature and Context of Science

Unique Course

This course examines the historical development of scientific ideas from antiquity to the present and the evolution of scientific thought as an aspect of human culture. Emphasis is given to the impact of these discoveries on the era and on subsequent scientific ideas; less on the actual developments of the separate scientific disciplines. Participants study the historical perspectives of science and how science interacts with and influences personal, environmental, and societal decisions. Participants also develop an understanding of the history behind concepts studied within K-12 science

classes and expand their ability to make use of historical material in their teaching practice.

2 semester hours

ED 750 - Action Research in Schools

Unique Course

This course provides a rigorous examination of action research for informing practice in K-12 classrooms. The course will emphasize practical and theoretical aspects of research design, implementation and interpretation. Project requirements will engage students actively in pursuing specific research goals.

3 semester hours

ED 751 - Leadership in School Mathematics

Unique Course

This course focuses on how to provide effective professional development for K-12 teachers of mathematics and how to support meaningful change within an educational system. Lessons are drawn from research in mathematics education as well as research about improving schools. Topics include creation of a demonstration classroom, engaging key stakeholders (e.g. parents, administrators, and community members), forming and facilitating study groups, peer coaching, mentoring, and curriculum review.

2 semester hours

ED 754 - Leadership in Schools

Unique Course

This course engages graduate students in exploring qualities and skills needed to effectively lead instructional change and program enhancement. It prepares teachers to plan, implement, and evaluate professional development efforts at the grade, school, district, and/or state level, applying knowledge of research and the latest elements of reform in their fields of study.

Co-Req

ED-695

1-3 semester hours

ED 756 - Reading Practicum

Unique Course

This clinical practicum in reading is a supervised experience that allows students to apply diagnostic and remedial techniques for the development of a case study. This case study will include on-going evaluations, a program design/ plan for improvement, and data to support the growth of the struggling reader.

3 to 6 semester hours

ED 757 - Models, Methods, and Materials for Literacy Instruction

Unique Course

The course provides an in-depth, balanced, and practical study of various models and methods of reading instruction. Current materials available to facilitate

implementation of effective literacy instruction will also be studied. Teachers will increase their repertoire of evidence-based strategies for teaching K-12 students to read and write.

3 semester hours

ED 759 - Advanced Issues: Leadership in K-12

Science

Unique Course

This course addresses an array of professional development strategies including co-teaching, mentoring, coaching, workshops, and shared leadership. Emphasis is given to identifying needs and facilitating staff development in science content, science pedagogy, and assessment of adult learners. Participants will refine their capacity for professional leadership in school science. They will gain knowledge, skills and attitudes to support the professional growth of other teachers and to provide guidance for parents, administrators, and the broader community about issues related to the improvement of science education.

2 semester hours

ED 762 - Educational Statistics

Unique Course

Provides a foundation in the understanding and use of statistics in educational research and situations. The course includes a study of data analysis, measures of central tendency, measures of variation, sampling, correlation, linear regression, hypotheses testing, probability, and inferential techniques.

3 semester hours

ED 766 - English As a Second Language Classroom Teaching Practicum

Unique Course

An in-field teaching experience under the supervision of a university supervisor and a mentor to place into practice what has been taught in the ESL courses. The practicum will be for a minimum of one hundred thirty-five (135) contact hours.

3 semester hours

ED 790 - Seminar

Common Course Number & Description

A highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as internet and are at the upper division graduate levels. Enrollment is generally limited to few than 20 students.

1 to 6 semester hours

ED 791 - Independent Study

Common Course Number & Description

Includes Directed Study, Problems, Readings, Directed Readings, Special Problems, and Special Projects. Students complete individualized plans of study which

include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 3 semester hours

EDFN 575 - Human Relations

Common Course Number & Description

This course is designed to reflect the six strands of the human relations component as mandated by the South Dakota Board of Education. Students will develop expertise in listening and communicating to create a climate within the school environment that is more conducive to learning. The course is also designed to help the participants understand the community issues in education and to encourage the teachers to be more aware of ways to strengthen community involvement in the school. Another area that will be addressed is the dehumanizing impact of biases and negative stereotyping.

3 semester hours

EDFN 595 - Practicum

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses.

1-3 semester hours

EDFN 790 - Seminar

Common Course Number & Description

A highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as internet and are at the upper division graduate levels. Enrollment is generally limited to few than 20 students.

1 to 3 semester hours

EDFN 792 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 3 semester hours

ELED 550 - K-8 Reading Methods

Common Course Number & Description

This course will acquaint inservice teachers with the recent trends, issues, materials, and procedures considered essential for the effective teaching of

reading. The course will focus on a variety of methods for the primary classroom as well as the intermediate and middle level classroom. Students will be able to review materials and make decisions about effective instruction that best meets the needs of today's diverse classroom environment.
2 semester hours

ELED 593 - Workshop

Common Course Number & Description
Special, intense sessions in specific topic areas. Approximately 45 hours of work is required for each hour of credit. Workshops may vary in time range but typically use a compressed time period for delivery. They may include lectures, conferences, committee work, and group activity.
1 to 3 semester hours

ELED 659 - Diagnosis and Remediation of Reading Difficulties

Unique Course
This is a practical course in which the student is directed toward acquiring specific skills that will enable a teacher to diagnose reading problems and develop activities to correct them.
3 semester hours

ENGL 509 - Teaching English as a Second Language

Common Course Number & Description
This course prepares teachers to teach English to those whose native language is not English.
3 semester hours

ENGL 511 - Biblical Literature

Unique Course
A study of the Bible as literature. It examines the Bible as a work of art within its historical and philosophical context.
3 semester hours

ENGL 590 - Seminar

Common Course Number & Description
A highly focused and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as Internet and are at the upper division or graduate levels. Enrollment is generally limited to fewer than twenty (20) students.
1-4 semester hours

ENGL 591 - Independent Study

Common Course Number & Description
Includes Directed Study, Problems, Readings, Directed Readings, Special Problems, and Special Projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate

the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic. This course requires permission of the Instructor and/or College Dean.
1 to 4 semester hours

ENGL 592 - Topics

Common Course Number & Description
Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.
1 to 3 semester hours

ENTR 506 - Accounting for Entrepreneurs

Common Course Number & Description
Accounting concepts and practices for entrepreneurs/small business owners. Emphasis given to the use of accounting tools to solve small business problems.
3 semester hours

ENTR 538 - Entrepreneurship II

Common Course Number & Description
This course focuses on the processing of screening an opportunity, drafting a personal entrepreneurial strategy, and understanding the business plan writing process. Building the entrepreneurial team and the acquisition and management of financial resources are emphasized along with venture growth, harvest strategies, and valuation.
3 semester hours

EPSY 528 - Child & Adolescent Development

Common Course Number & Description
An overview of human physiological, psychological, and social changes occurring from birth throughout adolescence with emphasis on the developmental characteristics of elementary, middle, and secondary level learners.
2-3 semester hours

HIST 565 - Westward Expansion of the U.S.

Unique Course
A study of the role of "The West" in American History from the founding of the colonies through 1900. Special areas of emphasis are the territorial expansion of the U.S., the various frontier developments; transportation, the transformation of the wilderness into statehood, the influence of the frontier in shaping the American character and the role of the West in national policies.
3 semester hours

HIST 576 - South Dakota: History, Politics & Geography

Unique Course
An historical, political and geographical study of South Dakota.

Cross-listed
POLS-576
3 semester hours

HIST 590 - Seminar

Common Course Number & Description

A highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as Internet and are at the upper division or graduate levels. Enrollment is generally limited to fewer than twenty (20) students.

1 to 3 semester hours

HIST 592 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is no wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 4 semester hours

HIST 768 - Local History Social Studies for Teachers

Unique Course

This course will combine the history of the Black Hills and surrounding regions and the development of programs, projects, and teaching aids for historical studies in the elementary and secondary school.

3 semester hours

HIST 791 - Independent Study

Common Course Number & Description

Includes Directed Study, Problems, Readings, Directed Readings, Special Problems, and Special Projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 6 semester hours

HIST 792 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is no wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 3 semester hours

HRM 556 - Employment Law and Policy

Unique Course

This course reviews the precepts of equal employment law as they relate to the various functions of human resource management. These include state and federal statutes, amendments, court discussions and agency regulations; affirmative action programs; reverse discrimination; and other issues of discrimination law.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

3 semester hours

HRM 559 - Personnel Planning & Selection

Unique Course

This course involves the examination of the theories and techniques guiding personnel planning and selection. Students develop expertise in determining staffing needs, conducting job analyses, writing job descriptions, and developing recruiting strategies.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

Prerequisite

HRM-417

3 semester hours

HRM 565 - Compensation Management

Unique Course

Emphasis will be placed on the development and administration of equitable compensation and benefit programs. Examined are job evaluation techniques, pay structures, salary surveys, individual and group compensation systems, executive pay, and benefits administration. Students will also be introduced to computer applications in compensation management.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

Prerequisite

HRM-417

3 semester hours

HRM 568 - Negotiations & Conflict/Dispute Resolution

Unique Course

This course explores negotiation and conflict dispute resolution techniques and practices in interpersonal, work-related, community, business, and international settings. Topics include the various forms of alternative dispute resolution: negotiation, arbitration, mediation, early neutral evaluation, mini-trial, etc. The course provides guidance in handling the inevitable disputes that arise in the operation of every enterprise and in one's day to day interactions.

Additional Fee

An additional 'Mandatory Fee' applies to this course.

3 semester hours

INED 511 - South Dakota Indian Studies

Common Course Number & Description

An introduction to the historical and contemporary life of the Dakota, Lakota, and Nakota (Sioux Tribes). The

following conceptual areas are addressed throughout the course: Indian values, family structure, traditional religion; Indian fine arts; legends; economics; governmental policies, treaties, and acts and related areas. The course focuses on teaching methods, context, and materials to equip students to teach bicultural.

3 semester hours

LIBM 508 - Collection Development

Unique Course

A study of theories and practical aspects of print and electronic collection development and management for libraries. Includes library assessment, selection, evaluation, and policy making.

2 semester hours

LIBM 509 - Library Methods

Unique Course

This course is an introduction to a wide variety of library activities for school and public libraries that will incorporate collaboration with teachers, implementation of common core state standards and social media.

2 semester hours

LIBM 543 - Information: Organization, Retrieval, & Discovery

Unique Course

Organization and access to information is the central theme. Students will examine: systems and theories of organization; cataloging and classification; subject access, indexing, and metadata; information seeking behavior; and designing access to information.

2 semester hours

LIBM 595 - Practicum

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses.

2 semester hours

MATH 581 - Probability and Statistics

Common Course Number & Description

Algebra of sets; sample spaces, random variables; distributing functions; distribution of random variables; and limiting distributions.

Cross-listed

STAT-581

Prerequisite

MATH-225

3 semester hours

MATH 587 - Design of Experiments

Unique Course

The course will include topics fundamental to the design and analysis of experiments. Included in these will be: the importance of randomization in design, one- and

multiple- factor ANOVAs, the use of response transformation, a fixed and random factor, blocking the ANOVA design, unbalanced design, and simple and multi- linear regression. The use of software to carry out analyses will be emphasized.

3 semester hours

MATH 792 - Topics

Common Course Number & Description

Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.

1 to 4 semester hours

MCOM 590 - Seminar

Common Course Number & Description

Highly focused, and topical course. The format includes student presentations and discussions of reports based on literature, practices, problems, and research. Seminars may be conducted over electronic media such as Internet and are at the upper division or graduate levels. Enrollment is generally limited to fewer than twenty (20) students.

3 semester hours

MCOM 591 - Independent Study

Common Course Number & Description

Includes Directed Study, Problems, Readings, Directed Readings, Special Problems, and Special Projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 4 semester hours

MGMT 605 - Law and Ethics

Unique Course

An examination of core legal principles as it relates to business transactions. The course will place emphasis on current legal issues and trends in business and will identify the legal parameters necessary for managerial decision making. Specific case studies in ethics and values, including developing reasoning skills to recognize and respond to challenges facing the business environment will be reviewed.

3 semester hours

MGMT 610 - Applied Management

Unique Course

This foundation course examines cutting-edge management principles and practices. An understanding of the importance of relationships with stakeholders, the decision-making tools necessary for today's executives, and the appropriate skill set to manage efficiently and effectively in today's global arena will be developed.

3 semester hours

MGMT 620 - Applied Organizational Behavior

Unique Course

Organizational Behavior is an academic field of study that applies social science theories and methods to the study of human behavior in organizations. Human Resources is the applied business specialty that administers programs and services designed to attract, develop, motivate and retain a superior workforce. Almost all HR activities are rooted in theories and research methods drawn from the interdisciplinary field of Organizational Behavior. This class is a graduate survey of current Human Resource Management practices described in the context of their theoretical origins. Sample subject matter includes employee selection using psychological theories of individual differences, compensation and motivation, employee development and theories of adult learning.

3 semester hours

MGMT 630 - Management and Leadership

Unique Course

This course presents an overview of leadership as it relates to staff supervision. It is organized around four themes common to human resource management: motivation theories and proactive management strategies; policies and procedures for recruiting, rewarding, and transitions; staff development and training; and personnel problem solving and conflict resolution. To breathe real life into the course, case studies are used to illustrate lessons learned from those on the ground.

3 semester hours

MGMT 650 - Marketing: Establishing Presence and Demand

Unique Course

Students will learn the process of developing an integrated marketing program taking into consideration the consumer, the trade, the competition and regulatory environment. Emphasis will be placed on the marketing concept, the marketing mix, segmentation, positioning, and product/market evolution.

3 semester hours

MGMT 670 - Advanced Business Finance

Unique Course

Advanced Business Finance is an in-depth study of the role that capital acquisition plays in the decision-making processes of managers. The course provides a

framework for analyzing the major types of financial decisions made by businesses in a way that will maximize the market value of the firm. Many of the advances in financial theory are based on the interaction between corporate decision making and capital markets behavior. The issues underlying the theory of finance are therefore of considerable relevance to analysts working in the capital markets.

3 semester hours

MGMT 710 - Linking Business to Global Markets

Unique Course

The world economy is increasingly advancing toward a global economy, and concurrently business is increasingly becoming international business. It is therefore imperative that all managers be well informed on the field of international business. By means of lectures, case study analysis, discussions and applied research, this course examines international economic, institutional, cultural and legal differences and analyzes their impact on business decisions including: product design, production and marketing, human resources strategy; investment analysis; ethical issues; financial strategy and risk management.

3 semester hours

MGMT 720 - Managerial Decision and Control

Unique Course

This course will apply current accounting concepts and theories to issues that are likely to confront individuals in management positions.

3 semester hours

MGMT 730 - Economics: Insights and Applications

Unique Course

This course will apply economic theory to issues that are likely to confront individuals in managerial positions.

3 semester hours

MGMT 740 - Using Technologies for Competitive Edge

Unique Course

Business professionals must take advantage of the rapidly changing capabilities of information technology to attain a competitive edge in the global business environment. This course discusses both the technical and managerial issues related to the acquisition, deployment, evaluation, and evolution of organizational and inter-organizational information systems. It provides an exposure to decision support systems, e-business, knowledge management, enterprise resource planning, database and data warehousing technologies, telecommunications, and Internet technology and applications. The course builds on the conceptual framework and skills necessary to analyze business processes and systems, leverage IT resources to accomplish strategic goals of the organization, and identify IT related opportunities and challenges such as the offshore outsourcing of IT applications.

3 semester hours

MGMT 750 - Strategic Planning: Mapping the Future

Unique Course

This course requires the application of strategic know-how (concepts, principles, techniques) using the case-study approach. Knowledge and skills learned in previous courses are re-examined and managerial skills necessary to transform companies into sustainable, ethical, and profitable entities are further developed.
3 semester hours

MGMT 760 - Applied Management Science

Unique Course

This course covers fundamental quantitative methods for business decision making, problem formulation and analysis and use of management science tools. Topics include Optimization (including linear and integer programming), waiting line analysis, computer simulation and decision analysis. To facilitate the practical application of these management science techniques, spreadsheets and spreadsheet add-ins will be emphasized.
3 semester hours

MGMT 770 - Capstone Experience: Theory to Practice Internship

Unique Course

This capstone course provides an integrated field experience for the MBA in Applied Management participant. Knowledge, skills, and management decision making capabilities developed or enhanced in the program will be applied at the participant's work site. The on-site supervisor and the Internship Coordinator will conduct a performance evaluation at the participant's place of work. Written papers will enable the participant to reflect on the entire MBA in Applied Management program.
3 semester hours

MLED 573 - Principles & Practices of Teaching in Middle School

Unique Course

The course is designed to provide a bridge between knowledge of subject matter and the classroom teaching behaviors that successfully transmit that knowledge to younger adolescents. The focus of the course will be instructional design as it applies to learning environments for transcendentals and the integrated delivery of that instruction in the content area classroom.
3 semester hours

MLED 578 - Guiding the Adolescent Learner

Unique Course

This course is designed to investigate techniques that foster academic, social and emotional growth of the transient learner. The focus of the course will be on

identifying, observing, and recording the behavior of early adolescents to assess their learning styles and developmental patterns in order to plan for an appropriate learning environment.

2 semester hours

MLED 580 - Middle Level Methods

Common Course Number & Description

Students develop the ability to design, deliver, and evaluate a variety of instructional strategies and processes that incorporate learning resources, materials, technologies, and state and national curriculum standards appropriate to the developmental characteristics of middle level learners; the ability to assess student learning in middle level; concepts of middle level education; and to apply these knowledge, skills, and attitudes to real life situations and experiences.

2 semester hours

MLED 593 - Workshop

Common Course Number & Description

Special, intense sessions in specific topic areas.

Approximately 45 hours of work is required for each hour of credit. Workshops may vary in time range but typically use a compressed time period for delivery. They may include lectures, conferences, committee work, and group activity.

1 to 3 semester hours

MLED 688 - Student Teaching

Unique Course

Students preparing for teaching in PK-12 schools will observe, participate, and teach under the supervision of the regular classroom teacher in an approved elementary and/or secondary school.

1-8 semester hours

MLED 695 - Practicum

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses.

Registration Restriction

Admitted to Teacher Education

1 to 3 semester hours

MUS 591 - Independent Study

Common Course Number & Description

Includes directed study, problems, readings, directed readings, special problems and special projects.

Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. This course requires permission of the Instructor and/or College Dean. Enrollments are usually 10 or fewer students. Meetings

depending upon the requirements of the topic.
1 to 4 semester hours

MUS 592 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 5 semester hours

PHSI 792 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

PHYS 592 - Topics

Common Course Number & Description
Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.
1-3 semester hours

POLS 576 - History of South Dakota

Unique Course
Examines the history of South Dakota's physical environment, Native American presence, European settlement, economic developments, political institutions and social life.
Cross-listed
HIST-576
3 semester hours

POLS 792 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 6 semester hours

PSYC 522 - Psychology of Adolescence

Unique Course
The student will learn to understand the major influences

of adolescent development and behavior including biological, cultural, educational, peer, and family influences. Emphasis will also be placed on methodology necessary to aid adolescents in their development.
3 semester hours

PSYC 632 - Psychology of Leadership

Unique Course
This course provides the application of the theories of personality development and its impact on leadership styles including theories of motivation, change management, communication, group dynamics, and leadership/power.
3 semester hours

SCI 588 - Biological Application of Remote Sensing

Unique Course
In this class students will learn how to use geographical information systems and apply these techniques to landscape, regional, and global ecology.
3 semester hours

SCI 592 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

SCI 792 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

SEED 508 - Planning, Managing & Assessing the 7-12 Diverse Classroom

Unique Course
Students use a variety of teaching methods, including educational technology, classroom management techniques, and learning & assessment strategies to become effective teachers in the 7-12 diverse classrooms. Integrated into this course is field-based experience where students observe, generate and deliver plans of instruction for diverse populations.
3 semester hours

SEED 550 - Reading and Content Literacy

Common Course Number and Description

This course explores methods for teaching middle and high school students to read, write, think, and learn in ways that allow them to master the subject matter and meaningfully apply their understanding. Participants learn to plan lessons that teach content and nurture greater literacy. Pre-, during-, and post-reading strategies and writing strategies are explored, along with assessment methods that give students a continual view of their literacy progress and achievement. Classroom adaptations for culturally and linguistically diverse populations in the content areas are also addressed.
2 - 3 semester hours

SEED 593 - Workshop

Common Course Number & Description

Special, intense sessions in specific topic areas. Approximately 45 hours of work is required for each hour of credit. Workshops may vary in time range but typically use a compressed time period for delivery. They may include lectures, conferences, committee work, and group activity.
1 to 3 semester hours

SEED 650 - Teaching and Supervision of Literacy in The Content Area

Unique Course

The purpose of this course is to provide graduate students with the necessary expertise to assist teachers of middle and secondary education to develop effective reading and writing strategies for use in the content classrooms. The participants will be asked to reflect on effective student learning processes, to develop and deliver curriculum that supports an integrated learning approach and to design both formal and informal assessment and evaluation techniques that support both process and product learning.
3 semester hours

SEED 688 - Student Teaching

Common Course Number & Description

Students preparing for teaching in PK-12 schools will observe, participate, and teach under the supervision of the regular classroom teacher in an approved elementary and/or secondary school.
1-8 semester hours

SEED 741 - 7-12 Curriculum & Instruction

Common Course Number & Description

Exploration of topics influencing curricular decisions. Experiences in planning and designing secondary school curricula with a focus on instruction and assessment.
3 semester hours

SOC 540 - Urban Sociology

Common Course Number & Description

A study of the urban community, focusing on its development, social structures and institutional patterns.

Prerequisite SOC-100 or SOC-150

3 semester hours

SOC 583 - Sociology of Gender Roles

Common Course Number & Description

Female and male roles in relation to another in a changing world are foci of this course. The nature of gender roles, their origin and maintenance, institutional features, and their variations over time and across cultures are examined.

Prerequisite

SOC-100 or SOC-150

3 semester hours

SOC 791 - Independent Study

Common Course Number & Description

Includes directed study, problems, readings, directed readings, special problems and special projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.
1 to 3 semester hours

SOC 792 - Topics

Common Course Number & Description

Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 6 semester hours

SPCM 505 - Theories of Communication

Common Course Number & Description

Examines communication theories and philosophies, emphasizing clarification through theory of daily communication processes, and relating theory to traditional and developing research methods.
3 semester hours

SPCM 510 - Organizational Communication

Unique Course

An array of theories explaining how and why humans live in organizations has developed in the last century. These schools of thought are critically examined on their own merits as well as in respect to our own experiences living in organizations.
3 semester hours

SPCM 534 - Small Group Communication

Common Course Number & Description

A study of prominent concepts and theories of human interaction in small groups grounded in the student's experience in classroom exercises. Critical assessments of communication strategies in task, social, and

therapeutic groups are cultivated.
3 semester hours

SPCM 566 - Principles of Rhetoric

Unique Course

This course is a consideration of the grounds of effective oral and written discourse. It examines rhetorical theories throughout history with a view to constructing a practical synthesis applicable to personal life, teaching careers and communication-oriented vocations.

3 semester hours

SPCM 591 - Independent Study

Common Course Number & Description

Includes directed study, problems, readings, directed readings, special problems and special projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.

1 to 3 semester hours

SPED 505 - Educating Secondary Students with Disabilities

Common Course Number & Description

An introduction to the entire field of education for children with exceptional needs and is required by all middle school and secondary school majors. Students will identify etiology, classification, and educational programming practices for individuals with any identified disabilities. Students will also determine which local, state, and national administrative and legislative provisions support children with these conditions. Computerized IEP forms and other productivity tools will be reviewed.

1 to 3 semester hours

SPED 510 - Behavior Management of Exceptional Child

Common Course Number & Description

This course covers the development and implementation of positive behavior management including interventions, strategies, and supports as appropriate for individual students with disabilities.

3 semester hours

SPED 513 - Serving Students with MR, SS, and Severe Disabilities

Common Course Number & Description

Examination of the functional academic, social/emotional, and daily living skill needs of children evidencing moderate/secure learning problems and/or evidencing significant physical/health problems. In depth studies of functional curriculum development, design of

instructional strategies, adaptation and accommodation issues, and integration in inclusive settings will be undertaken.

3 semester hours

SPED 520 - K-12 Curriculum and Instructional Strategies

Common Course Number & Description

Curriculum and individual education program development for special class teachers including strategies and materials at the K-12 level.

3 semester hours

SPED 531 - Identification and Assessment in Special Education

Common Course Number & Description

The course covers the development, selection, administration and interpretation of assessment instruments and strategies used to determine whether students have a disability and require special education or related services and to evaluate their level of performance to develop and monitor progress on individual education programs.

2 to 3 semester hours

SPED 532 - Methods and Materials for Learning Disabilities K-12

Unique Course

This course serves as an introduction to the field of specific learning disabilities. Theoretical approaches to the field are considered. Emphasis is on the neurological, psychodynamic, and behavioral approaches. Tests and observational techniques to aid diagnosis are presented. Various treatment methods are compared. Students are given limited opportunity to work with children with learning problems. The student will use alternative technologies in class presentations and will demonstrate appropriate teaching methodology through the use of the distance lab/electronic classroom equipment. Students will also review and evaluate appropriate software.

3 semester hours

SPED 535 - Characteristics and Exceptionalities of Adolescents

Unique Course

This course serves as an introduction to the characteristics and exceptionalities of adolescents and is required for all middle and secondary education majors. The student will learn to understand the major influences on adolescent development and behavior including biological, cultural, peer, and family conditions as well as how educational programming practices aid adolescents in the development process. In addition, students will identify retardation and developmental disabilities, speech and hearing disabilities, other health impairments, and giftedness. Finally, students will study local, state and national administrative and legislative provisions that support adolescents with these

conditions.
3 semester hours

SPED 560 - Family Systems & Professional Collaboration

Common Course Number & Description
Guidelines for communication between agencies, parents/guardians, teachers, and children with special needs will be developed. These will include areas of physical needs, language skills, environmental background, social concerns and educational goals. Emphasis will be placed on teaming with the community agencies and services. The student will be expected to use the Internet for resource research.
2 to 3 semester hours

SPED 592 - Topics

Common Course Number & Description
Includes current topics, advanced topics and special topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student/teacher involvement.
1 to 3 semester hours

SPED 691 - Independent Study

Common Course Number & Description
Includes directed study, problems, readings, directed readings, special problems and special projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic
0 to 12 semester hours

SPED 695 - Practicum

Common Course Number & Description
Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses than is the case with field experience courses.
2 to 4 semester hours

SPED 760 - Current Issues in Special Education

Unique Course
This course is designed to address current issues affecting the field of special education on state, local, and national levels. The course will involve students in the process of identifying, analyzing and discussing issues and research in special education that impacts the lives of persons who are disabled from infancy

through adulthood.
3 semester hours

SPED 792 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

SS 692 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

SS 792 - Topics

Common Course Number & Description
Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

SUST 510 - Fundamentals of Sustainability

Unique Course
This course will examine the multifaceted dimensions of sustainability. Natural, social and economic systems will be explored for key relationships, factors and elements of sustainability. Students will acquire the necessary knowledge and tools needed to be change agents for a sustainable future.
3 semester hours

SUST 520 - Science for Sustainability

Unique Course
Science for Sustainability is a course designed to take a systems approach to analyze important science topics (solid and air pollution, the carbon cycle, water, energy, etc.) and their role in a sustainable future. Students enrolled in this course will develop a deeper understanding and an ability to describe in detail the scientific connections in each system and between different systems, in addition to the various economic and social factors that play important roles in working with these systems.
3 semester hours

SUST 530 - Environmental Economics

Unique Course

This course will evaluate the functioning of economic markets, and how public policy may improve economic and social welfare. The economic concepts developed in the course will be applied to current environmental and resource issues.

3 semester hours

SUST 710 - Human Dimensions of Sustainability

Unique Course

This course will explore both the individual and societal aspects of sustainability. It will examine the influence that human thought, action and technology has on a sustainable way of life. It will examine population trends, global consumption patterns, belief systems, social organizations, social norms, and social identities.

3 semester hours

SUST 720 - Communication and Change

Unique Course

This course instructs students in the art of effective communication. The theoretically driven course teaches students the key skills and techniques that can be used to actively produce meaningful change in individuals, groups, businesses, and communities in order to reach toward sustainability.

3 semester hours

SUST 730 - Environmental Law and Policy

Unique Course

The course will provide a framework for understanding the background and development of significant legal and policy decisions affecting the environmental regulation in the United States. Participants will gain an understanding of the core features of US environmental laws and regulations, developments in regulatory policy-making, the relationship between the national and state governments regarding environmental regulation, and the roles of key political interests in the policy-making process.

3 semester hours

SUST 750 - Quantitative Methods in Sustainability

Unique Course

Quantitative Methods in Sustainability will introduce students to analytical methods for sustainability (carbon footprint, polling and demographic analysis, etc.). In this class the students will gain the knowledge of various methods for the collection and analysis of data. The student will gain proficiency in these methods as well as the ability to communicate and utilize the results.

3 semester hours

SUST 760 - Global Climate Change

Unique Course

This course emphasizes the current status of climate change science and the impacts climate change is having on human society and biodiversity on a global

scale. Participants will explore the cultural and societal implications of climate change, the impact that climate change has on biological diversity, as well as discuss why biological diversity is important to human culture and society. The different attitudes and responses to climate change will be explored, as well as how to discuss the topic with people from a wide range of opinions on the subject.

3 semester hours

SUST 765 - Alternative Energy

Unique Course

This course is designed to build the foundations of scientific knowledge for various types of alternative energy. Understanding of each type's needed resources and waste management components will be explored, in addition to the social and political policies that surround them.

3 semester hours

SUST 785 - Capstone

Unique Course

The capstone project will showcase the student's ability to address a real world issues or problem using the tools learned throughout the program. The project will use an interdisciplinary approach to build a proposed pathway to overcome the selected topic in a sustainable way. Students will have the opportunity to develop their ideas through group discussion and interaction before preparing an oral proposal of their intended project. Once approved, the student will work independently to build the project using the knowledge and tools gained in the program.

3 semester hours

SUST 792 - Topics

Common Course Number & Description

Courses dedicated to current topics, advanced topics and special topics in the area of sustainability. Course content is not wholly included in the regular program curriculum. Guest academically qualified experts may serve as instructors.

3 semester hours

SUST 794 - Internship

Common Course Number & Description

Applied, monitored and supervised, field-based learning experience for which the student may or may not be paid. Students gain practical experience; they follow a negotiated and or directed plan of study. A higher level of supervision is provided by the instructor in these courses that is the case with field experience. This course requires permission of the Instructor and Program Coordinator. Fees will be charged in addition to tuition and regular campus fees.

3 semester hours

TECH 592 - Topics

Common Course Number & Description

Includes Current Topics, Advanced Topics, and Special

Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

THEA 591 - Independent Study

Common Course Number & Description

Includes directed study, problems, readings, directed readings, special problems and special projects. Students complete individualized plans of study which include significant one-on-one student-teacher involvement. The faculty member and students negotiate the details of the study plans. Enrollments are usually 10 or fewer students. Meetings depending upon the requirements of the topic.
1 to 3 semester hours

THEA 592 - Topics

Common Course Number & Description

Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
1 to 3 semester hours

THM 501 - Ecotourism

Unique Course

This provides a comprehensive analysis of ecological aspects of tourism activities through readings and case analysis of ecotourism research. The class will focus on the foundations of ecotourism; ecotourism behavior; impacts of natural environments; and marketing, management, development, and policy issues.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
3 semester hours

THM 510 - Tourism Management

Unique Course

Concepts and meaning of administration, leadership, board and executive relationships, and personnel policies related to recreation, parks, and tourism areas and facilities within tourism enterprises will be studied.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
3 semester hours

THM 520 - Services Marketing

Unique Course

Seeks to develop an understanding of service as a product or component of a product. The course provides students with the opportunity to gain an appreciation for the unique challenges inherent in marketing and managing service products. Topics include service design and delivery, service quality and standards, and

the roles played by both service provider and customer, particularly in the hospitality and tourism industry.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
Prerequisite
BADM-370
3 semester hours

THM 550 - Casino Management

Unique Course

This course emphasizes the methods, procedures, and ethical principles utilized in managing a casino operation. Gaming regulations and taxes, mathematics of casino games, casino management, and marketing are addressed.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
3 semester hours

THM 580 - Tourism Planning & Development

Unique Course

This course will give special consideration to planning and development, personnel organization and human relations, marketing, and finance within tourism. Major topics include planning approaches, regional planning, and community tourism planning.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
3 semester hours

THM 592 - Topics

Common Course Number & Description

Includes Current Topics, Advanced Topics, and Special Topics. A course devoted to a particular issue in a specified field. Course content is not wholly included in the regular curriculum. Guest artists or experts may serve as instructors. Enrollments are usually of 10 or fewer students with significant one-on-one student-teacher involvement.
Additional Fee
An additional 'Mandatory Fee' applies to this course.
1 to 3 semester hours