Welcome to the University of Nebraska at Kearney

The University of Nebraska at Kearney Undergraduate Course Catalog will serve as a reference for you during the beginning weeks at the University of Nebraska at Kearney and throughout your university career.

We hope the information contained within this catalog will provide answers to your questions about the University; if not, the faculty, administration, and staff are always available to answer questions personally.

Acceptance of registration by the University of Nebraska and admission to any educational program of the University does not constitute a contract or warranty that the University will continue indefinitely to offer the program in which a student is enrolled. The University expressly reserves the right to change, phase out, or discontinue any program.

The listing of courses contained in any University bulletin, catalog, or schedule is by way of announcement only and shall not be regarded as an offer of contract. The University expressly reserves the right to (1) add or delete courses from its offerings, (2) change times or locations, (3) change academic calendars without notice, (4) cancel any course for insufficient registration, or (5) revise or change rules, charges/fees, schedules, courses, requirements for degrees and any other policy or regulation affecting students, including, but not limited to, evaluation standards, whenever the same is considered to be in the best interests of the University.

This catalog is in effect beginning with the 2009-2010 academic year. A student must, however, meet the requirements from one catalog only rather than choosing a portion from one catalog and the remainder from another.

If a student takes longer than five calendar years to complete a degree, UNK reserves the right to require the student to meet the more recent requirements for graduation. Curriculum changes or modifications require that all new program requirements be met regardless of course work previously completed.

The University of Nebraska at Kearney does not discriminate in its academic, admissions or employment policies and abides by all federal, state, and regental regulations pertaining to the same.

The University of Nebraska at Kearney is an affirmative action/equal opportunity institution.

How to Use the Catalog

The Academic Calendar in the beginning of this catalog emphasizes noteworthy dates in the academic year.

The General Information section provides a history of UNK, as well as information about the facilities and policies on campus.

The Admissions Information section outlines the appropriate procedures for applying to UNK as a freshman or transfer student.

The Financial Information section provides specific figures about the cost of a UNK education. Students will find information regarding room and board, books and other fees in order to plan for expenses, as well as information about how UNK can help qualified students meet educational expenses through a combination of scholarships, grants, loans and part-time employment.

The Student Life and Activities section introduces students to useful services and provides descriptions on the many clubs and organizations at UNK.

The Academic Information section explains the degrees, academic programs, and opportunities available to students. The Academic Regulations detail the various procedures, requirements and regulations that affect students while at UNK.

The General Studies Information section explains the General Studies Program in detail, including the list of General Studies courses.

The Departments and Programs section lists departments and programs in alphabetical order. Each listing contains the names of the chair and faculty, as well as department objectives and policies, and a list of majors, minors and endorsements offered.

Descriptions of the courses offered by UNK are available in the Courses section, including the number, title, hours, and a brief summary of the course content.

Information about the UNMC College of Nursing - Kearney Division, including admission procedures, program of study and course offerings is listed in this separate section.

The Faculty section lists full-time faculty members in alphabetical order.
Comprehensive Major
A series of courses prescribed by an academic department which result in an area of specialization. The comprehensive major is an alternative to the selection of a major and minor in meeting baccalaureate degree requirements.

Degree Audit
An analysis of a student’s progress toward meeting degree requirements. The Audit provides a summary of institutional requirements, General Studies and major/minor program requirements. Students have access to degree audit on-line via WebEASI, from their academic advisor or the Office of Student Records and Registration.

Elective
A course in the curriculum in the choosing of which a student has some options, as opposed to a required course. The term free or unrestricted elective denotes that the student either has complete choice in the selection of a course or choice among courses in several different fields. A restricted elective is one limited to a certain discipline or group of disciplines, such as an English elective or a social science elective.

Endorsement, Teaching Field Endorsement
A field of study in a broad area which qualifies a person for graduation and eligibility for certification to teach in the State of Nebraska. The field endorsement will normally qualify a person for teaching two or more subjects, i.e., Physical Science includes the subjects of Chemistry, Physics, Earth Science and Physical Science.

Endorsement, Teaching Subject Endorsement
Study in a specific subject area leading to teacher certification. A student must have two subject endorsements to qualify for graduation and certification.

Junior Check
The Junior Check is an analysis using the degree audit system to determine which degree requirements have been satisfied and which requirements remain to be completed. The Junior Check summarizes the student’s progress toward institutional requirements, the general studies program, and the student’s designated major and minor program of study. Students should request a Junior Check from the Registrar’s Office once they have reached junior standing (58-88 completed/earned credit hours).

Major
A student’s chosen field of study. The major may fall within a single department of instruction or may overlap several departments. In the latter case, the major is described as a combination or interdisciplinary major.

Minor
A student’s secondary field of study.

Matriculation
The first registration following admission as a classified student.

Senior Check
A Senior Check is a final listing of the degree requirements remaining for the student to complete. The Senior Check is what the Office of the Registrar will follow for graduation checkout. Students may request a Senior Check once they have reached senior standing (89 or more earned credit hours).

Supplemental Endorsement
A program of study (e.g. coaching, driver’s education) which can be used to complement field or subject endorsement(s). A supplemental endorsement cannot be used to meet graduation requirements in teacher education.

Transcript
A copy of the permanent academic (educational) record at an institution of higher education. It becomes an official transcript when the seal of the institution is affixed and the signature of the Registrar is appended.

Building Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>ALUM</td>
<td>Alumni House</td>
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<tr>
<td>ANTH</td>
<td>Antelope Hall</td>
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<tr>
<td>BHS</td>
<td>Bruner Hall of Science</td>
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<tr>
<td>CMCT</td>
<td>Communications Center</td>
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<tr>
<td>COE</td>
<td>College of Education</td>
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<tr>
<td>CONH</td>
<td>Conrad Hall</td>
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<tr>
<td>COPH</td>
<td>Copeland Hall</td>
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<tr>
<td>CPST</td>
<td>Cope Stadium</td>
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<tr>
<td>CTW</td>
<td>Centennial Towers West</td>
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<tr>
<td>CTE</td>
<td>Centennial Towers East</td>
</tr>
<tr>
<td>CUSH</td>
<td>Cushing Coliseum</td>
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<tr>
<td>FAB</td>
<td>Fine Arts Building</td>
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<tr>
<td>FABW</td>
<td>Fine Arts Art Wing</td>
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<td>FAC</td>
<td>Facilities Building</td>
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<tr>
<td>FFB</td>
<td>Foster Field</td>
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<td>FNDH</td>
<td>Founders Hall</td>
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<td>FRNK</td>
<td>Frank House</td>
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<td>GSB</td>
<td>General Services Building</td>
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<td>GRNH</td>
<td>Greenhouse</td>
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<tr>
<td>HSC</td>
<td>Health and Sports Center</td>
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<tr>
<td>LIBR</td>
<td>Calvin T. Ryan Library</td>
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<tr>
<td>MANH</td>
<td>Mantor Hall</td>
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<td>MARH</td>
<td>Martin Hall</td>
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<tr>
<td>MENH</td>
<td>Men’s Hall</td>
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<tr>
<td>MONA</td>
<td>Museum of Nebraska Art</td>
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<td>MSAB</td>
<td>Memorial Student Affairs Building</td>
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<tr>
<td>NFH</td>
<td>North Field House at Foster Field</td>
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<tr>
<td>NSTH</td>
<td>Nester Hall</td>
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<tr>
<td>NSU</td>
<td>Nebraskan Student Union</td>
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<tr>
<td>OCKC</td>
<td>Ockinga Seminar Center</td>
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<tr>
<td>OTOL</td>
<td>Otto Olsen</td>
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<tr>
<td>RANH</td>
<td>Randall Hall</td>
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<tr>
<td>SFTC</td>
<td>Safety Center (Cope Nebraska)</td>
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<tr>
<td>SFTCA</td>
<td>Safety Center Addition (Cope Nebraska)</td>
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<tr>
<td>STOH</td>
<td>Stout Hall</td>
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<tr>
<td>THMH</td>
<td>Thomas Hall</td>
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<tr>
<td>UF</td>
<td>University of Nebraska Foundation</td>
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<tr>
<td>UNIH</td>
<td>University Heights</td>
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<tr>
<td>URN</td>
<td>University Residence North</td>
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<tr>
<td>URS</td>
<td>University Residence South</td>
</tr>
<tr>
<td>WLCH</td>
<td>Welch Hall</td>
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<tr>
<td>WSTC</td>
<td>West Center Building</td>
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</tbody>
</table>
### Academic Calendar

#### Fall Semester 2009
- **August 21**, Friday  
  Open registration 1:00-3:00 p.m.
- **August 24**, Monday  
  All classes begin
- **September 7**, Monday  
  Labor Day Break - No classes
- **September 8**, Tuesday  
  Classes reconvene
- **September 15**, Tuesday  
  Deadline to apply for December graduation
- **October 19-20**, Monday-Tuesday  
  Fall Break - No classes
- **October 21**, Wednesday  
  Classes reconvene
- **November 25-28**, Wednesday-Saturday  
  Thanksgiving Break - No classes
- **November 30**, Monday  
  Classes reconvene
- **December 14-17**, Monday-Thursday  
  Final week
- **December 18**, Friday  
  Commencement

#### Spring Semester 2010
- **January 8**, Friday  
  Open registration 1:00-3:00 p.m.
- **January 11**, Monday  
  All classes begin
- **January 18**, Monday  
  Martin Luther King Jr. Day - No classes
- **January 19**, Tuesday  
  Classes reconvene
- **February 1**, Monday  
  Deadline to apply for May graduation
- **March 14-21**, Sunday-Sunday  
  Spring break - No classes
- **March 22**, Monday  
  Classes reconvene
- **May 3-6**, Monday-Thursday  
  Final week
- **May 7**, Friday  
  Commencement

#### Summer Session 2010
- **May 10**, Monday  
  Classes begin
- **May 31**, Monday  
  Memorial Day - No classes
- **June 1**, Tuesday  
  Classes reconvene
- **June 15**, Tuesday  
  Deadline to apply for summer graduation
- **July 5**, Monday  
  Independence Day Break - No classes
- **July 6**, Tuesday  
  Classes reconvene
- **July 29**, Thursday  
  Term ends
- **July 30**, Friday  
  Commencement

#### Fall Semester 2010
- **August 20**, Friday  
  Open registration 1:00-3:00 p.m.
- **August 23**, Monday  
  All classes begin
- **September 6**, Monday  
  Labor Day Break - No classes
- **September 7**, Tuesday  
  Classes reconvene
- **September 15**, Wednesday  
  Deadline to apply for December graduation
- **October 18-19**, Monday-Tuesday  
  Fall Break - No classes
- **October 20**, Wednesday  
  Classes reconvene
- **November 24-27**, Wednesday-Saturday  
  Thanksgiving Break - No classes
- **November 29**, Monday  
  Classes reconvene
- **December 13-16**, Monday-Thursday  
  Final week
- **December 17**, Friday  
  Commencement

#### Spring Semester 2011
- **January 7**, Friday  
  Open registration 1:00-3:00 p.m.
- **January 10**, Monday  
  All classes begin
- **January 17**, Monday  
  Martin Luther King Jr. Day - No classes
- **January 18**, Tuesday  
  Classes reconvene
- **February 1**, Tuesday  
  Deadline to apply for May graduation
- **March 20-27**, Sunday-Sunday  
  Spring break - No classes
- **March 28**, Monday  
  Classes reconvene
- **May 2-5**, Monday-Thursday  
  Final week
- **May 6**, Friday  
  Commencement

#### Summer Session 2011
- **May 9**, Monday  
  Classes begin
- **May 30**, Monday  
  Memorial Day - No classes
- **May 31**, Tuesday  
  Classes reconvene
- **June 15**, Wednesday  
  Deadline to apply for summer graduation
- **July 4**, Monday  
  Independence Day Break - No classes
- **July 5**, Tuesday  
  Classes reconvene
- **July 28**, Thursday  
  Term ends
- **July 29**, Friday  
  Commencement

#### Fall Semester 2011
- **August 19**, Friday  
  Open registration 1:00-3:00 p.m.
- **August 22**, Monday  
  All classes begin
- **September 5**, Monday  
  Labor Day Break - No classes
- **September 6**, Tuesday  
  Classes reconvene
- **September 15**, Thursday  
  Deadline to apply for December graduation
- **October 17-18**, Monday-Tuesday  
  Fall Break - No classes
- **October 19**, Wednesday  
  Classes reconvene
- **November 23-26**, Wednesday-Saturday  
  Thanksgiving Break - No classes
- **November 28**, Monday  
  Classes reconvene
- **December 12-15**, Monday-Thursday  
  Final week
- **December 16**, Friday  
  Commencement

#### Spring Semester 2012
- **January 6**, Friday  
  Open registration 1:00-3:00 p.m.
- **January 9**, Monday  
  All classes begin
- **January 16**, Monday  
  Martin Luther King Jr. Day - No classes
- **January 17**, Tuesday  
  Classes reconvene
- **February 1**, Wednesday  
  Deadline to apply for May graduation
- **March 18-25**, Sunday-Sunday  
  Spring break - No classes
- **March 26**, Monday  
  Classes reconvene
- **April 30-May 3**, Monday-Thursday  
  Final week
- **May 4**, Friday  
  Commencement

#### Summer Session 2012
- **May 7**, Monday  
  Classes begin
- **May 28**, Monday  
  Memorial Day - No classes
- **May 29**, Tuesday  
  Classes reconvene
- **June 15**, Friday  
  Deadline to apply for summer graduation
- **July 4**, Wednesday  
  Independence Day Break - No classes
- **July 5**, Thursday  
  Classes reconvene
- **July 26**, Thursday  
  Term ends
- **July 27**, Friday  
  Commencement

For a more detailed calendar with dates and deadlines relating to registration and graduation, see the Academic Calendar from the Office of Student Records and Registration.
UNK Mission

The University of Nebraska at Kearney is a public, residential university committed to being one of the nation’s premier undergraduate institutions with excellent graduate education, scholarship, and public service.

UNK Vision

The University of Nebraska at Kearney will achieve national distinction for a high quality, multidimensional learning environment, engagement with community and public interests, and preparation of students to lead responsible and productive lives in a democratic, multicultural society.

Key to such improvement will be: clear focus on mission imperatives, fidelity to historic core values, and continuous and rigorous self-appraisal or assessment of outcomes.

History

In March of 1903, House Roll No. 1 of the State Legislature appropriated $50,000 to build a normal school in western Nebraska. In September of that same year, after 111 ballots, the State Board of Education accepted the City of Kearney offer of twenty acres and Green Terrace Hall at the western edge of the city to become the site. On October 18, 1904, the cornerstone of the first building was laid; in the summer of 1905, Nebraska State Normal School at Kearney offered its first classes in Kearney public school facilities. The first classes on campus were held that fall as the building was being completed around them.

In 1921, the name of the institution was changed to Nebraska State Teachers College at Kearney. In 1963, it became Kearney State College. Both name changes were a part of system-wide changes for the state colleges.

In 1989, however, a legislative act, LB247, moved the institution from the State College system to the University of Nebraska system. After Supreme Court review, Kearney State College became The University of Nebraska at Kearney on July 1, 1991.

State Representative C.J. Warner of Waverly introduced the 1903 bill creating the institution; his son, State Senator Jerome Warner, introduced the bill making UNK a part of the University.

Nine presidents/chancellors have served the institution:
A.O. Thomas, Ph.D., 1905-1913
George S. Dick, Ph.B., 1914-1919
George Martin, A.M., 1919-1936
Herbert L. Cushing, D.Ed., 1936-1961
Milton J. Hassel, Ph.D., 1961-1971
Brendan J. McDonald, Ph.D., 1972-1982
Gladys Styles Johnston, Ph.D., 1993-2002
Douglas A. Kristensen, J.D., 2002 to the present

University of Nebraska at Kearney Deans
Timothy Burkink, Ph.D., Acting Dean of Business and Technology
Ed Scantling, Ph.D., Dean of Education
William Jurma, Ph.D., Dean of Fine Arts and Humanities
Kenya Taylor, Ed.D., Dean of Graduate Studies and Research
Janet Stoeger Wilke, M.S., M.A.L.I.S., Dean of the Library
Robert F. Rycek, Interim Dean of Natural and Social Sciences
C. Gail Zeller, Ph.D., Interim Dean of Student Life

Student Regents

Institution | Term |
--- | --- |
Cade Craig | UNK | 2010 |
Megan Collins | UNL | 2010 |
Brad Bohn | UNMC | 2010 |
Neil Bonacci | UNO | 2010 |

University of Nebraska Central Administration
James B. Milliken, J.D., President
Linda Pratt, Ph.D., Executive Vice President and Provost
David Lechner, B.S.B.A., Vice President for Business and Finance
Peter G. Kotsiopulus, B.S., Vice President for University Affairs
Joel D. Pedersen, J.D., Vice President and General Counsel
Donal Burns, Ph.D., Corporation Secretary

University of Nebraska at Kearney Administration
Douglas A. Kristensen, J.D., Chancellor
Charles J. Bicak, Ph.D., Senior Vice Chancellor for Academic and Student Affairs
Curtis Carlson, M.A., Vice Chancellor for University Relations
Barbara Johnson, M.B.A., Vice Chancellor for Business & Finance
Jon McBride, M.S., Director of Intercollegiate Athletics
Deborah Schroeder, M.A., Assistant Vice Chancellor for Information Technology Services
The SVCASA has the responsibility for oversight of assessment at UNK. This includes the development of a strategic assessment plan and the supervision of the work of the Assessment Office. The Director of Assessment works closely with the SVCASA and college deans with assessment planning and implementation. The Coordinator of Assessment reports to the Director of Assessment and works closely with department chairs in developing assessment plans and reports. The Assessment Office oversees two committees - the Assessment Committee and the Student Assessment Committee - which provide guidance and oversight in meeting the goals of the assessment program at UNK.

Visit the website at http://www.unk.edu/academicaffairs/assessment/ for more information about assessment at UNK.

**General Information**

**Four-Year Guarantee**

The Board of Regents recognizes that it is important for University of Nebraska undergraduate students to be able to earn their bachelor’s or first-professional degrees in timely fashion.

The University of Nebraska therefore commits itself to providing each student all assistance necessary to help him or her graduate within four years of entering, provided the student has appropriate high school preparation, pursues a course of study that is intended for four-year completion, and adheres to prudent practices in pursuing a degree.

These prudent practices include:

- selecting a major early in college and adhering to the same;
- working closely with academic advisors to develop a four-year curricular plan;
- pre-registering early during each semesters pre-registration period;
- registering for and completing 15-18 credit hours per semester, with acceptable grades;
- working at a job fewer than 20 hours per week;
- in case of a possible delay caused by unavailability of a course, notifying the department chair prior to the end of the semester before that in which the course is needed.

For its part, the University guarantees the student that he or she will be able to enroll in courses that permit graduation in four years, or, if for any reason that is not possible, mutually acceptable alternatives may be provided, including allowing the student to substitute a different course.

The mutual commitment by the university and the student outlined in this resolution will result in four-year graduation.

*Adopted by the Board of Regents 6-1-02*

At UNK, we are committed to assuring that there are no institutional barriers preventing on-time graduation and that there are multi-layered institutional mechanisms to assist students in achieving timely graduation.

**Monitoring Student Progress Toward Graduation**

At UNK, we take seriously the commitment to enabling students to be graduated in a timely manner. To this end, we monitor each student in several ways:

1. Every student is assigned an academic advisor and must see the advisor each semester to examine progress. Students are precluded from registering for classes until the advisor has lifted a flag indicating the advising requirement has been met. At that time, the progress of a student and any institutional barriers to that progress can be addressed.

2. The Academic Advising Center provides additional advising to students seeking such advice, and to all students identified in the Early Warning Referral System. Once classes begin, faculty have the option of submitting an Early Warning Referral to the
Advising Center, identifying any student who might be experiencing academic difficulty. These students are then notified by letter and phone and offered assistance that might help them complete their classes successfully.

3. UNK’s web-based degree audit system, available to students and advisors, is a powerful aid in monitoring progress toward the degree as it provides test scores for proper course placement, GPA breakdowns, Writing Intensive/Cultural Diversity compliance and it tracks any substitutions approved by the department.

4. The Registrar’s Office automatically runs degree checks each semester once a student earns 95 or more credits. This audit is a summary report of the student’s progress toward graduation and it is automatically sent to the student’s e-mail address and to the student’s advisor(s) electronically.

Facilities

There are 43 buildings on the 513-acre campus of UNK. The major buildings are:

**William E. Bruner Hall of Science**
Built in 1966, the original Bruner Hall of Science footprint was 84,900 gross square feet, but in 1987 a 15,320 GSF Lecture Hall added three additional levels. In 2004 deferred maintenance renovations upgraded building systems at a cost of $6.4 million. In 2009 a $14 million renovation addressed the upgrade of 47,000 GSF, the razing of Mary Morse Lecture Hall and the construction of a 17,800 GSF new addition. The renovation upgraded and enhanced teaching and research labs and support spaces within the existing building. The addition features a new planetarium and offices for the Health Science Programs, classrooms and student lounge space. Other departments occupying the building are Biology, Chemistry and Physics.

**Calvin T. Ryan Library**
This building was erected in 1963. An addition in 1983 doubled the size of the facility. The attached Mitchell Center includes radio and television broadcasting facilities and houses the Communication Department.

**College of Education Building**
Completed in 2002, the College of Education Building is a 50,000 square foot building with state-of-the-art technology. The building has been designed with the needs of teaching and clinical education as its focus. Six large classrooms are equipped with electronic teaching stations, wireless computer capabilities and the potential for computer-assisted teaching in a variety of teaching configurations. Fifty faculty offices are provided for the departments of Counseling and School Psychology, Communication Disorders, Educational Administration and Teacher Education, along with other spaces for the Dean of Education, advising, teacher certification activities, and administrative support.

**Communications Center Building**
Part of the former State Hospital complex acquired in 1972, this renovated building is used by Publications and Creative Services on the first level, Video Services on the second level and eCampus on the third level.

**Copeland Hall**
Built and used as the campus gymnasium from 1918 to 1961, this building was used for offices and classes until 1995 when a classroom addition was built. The original building was renovated in 1996 and now houses offices for the Dean of Natural and Social Sciences and the Departments of Sociology, Geography and Earth Science; History; and Psychology.

**Cushing Health, Physical Education and Recreation Facility**
Originally constructed in 1961, this facility has undergone extensive renovation. The renovated building houses classrooms, offices, laboratories, locker facilities, an indoor running track, racquetball, tennis, basketball and volleyball courts, weight area and swimming pool. These facilities service recreation and intramural programs in addition to space for intercollegiate athletic teams and the Department of Health, Physical Education, Recreation and Leisure Studies.

**Facilities Building**
This brick structure houses offices and work areas for Facilities Management and Planning and Police and Parking Services.

**Fine Arts Building**
This building houses the department of Music and Performing Arts and the office of the Dean of Fine Arts and Humanities. It opened in January, 1970, and in 1979 a wing was added to house the Department of Art and Art History and the Walker Art Gallery.

**Founders Hall**
Opened in 1977 and dedicated to the original faculty of UNK, this facility now serves as the administrative hub of the University. Offices include the Chancellor and Vice Chancellors, Dean of Student Life, Finance, Student Records and Registration, AA/EEO, Human Resources, Business Services, and Budget, on the first level. Second level includes offices of Institutional Research, Ethnic Studies, General Studies, Assessment, Graduate Studies, Sponsored Programs, and faculty offices and classrooms for Departments of Social Work, Mathematics and Statistics, Political Science and Criminal Justice in the College of Natural & Social Sciences.

**Frank House**
The Historic Frank House mansion was constructed in 1889 and is listed on the National Register of Historic Places. It was wired for electricity during construction and included bathrooms, steam heat, servant’s quarter, ten fireplaces and hand-carved oak woodwork. Its focal point is a large Tiffany stained glass window. Restoration of the house is an on-going project. It is now used for University functions and is open to the public as a museum.

**General Services Building**
Originally built as the Military Science building in 1969, this building now houses the public offices of Facilities Management and Planning and University Public Safety.

**Health and Sports Center**
Dedicated during the fall of 1990, this state-of-the-art facility houses UNK’s indoor spectator sports. In addition, offices for the UNK intercollegiate athletics sports teams and the Athletic Director staff, locker facilities, equipment rooms, athletic weight area, athletic training facilities, wrestling and martial arts rooms are located in the building. Concession and restroom facilities serve spectators utilizing the 6000-seat arena.
Memorial Student Affairs Building

The Museum of Nebraska Art
Located on the Bricks in downtown Kearney, the Museum of Nebraska Art (MONA) is housed in a beautifully renovated 1911 Renaissance revival building listed on the National Register of Historic Places, providing an ideal setting for its collection of over 5,000 works. Dedicated to telling the story of Nebraska through the art of Nebraska, MONA exhibits the work of a distinguished and diverse group of artists with a tie to Nebraska or by artists from around the world who have depicted Nebraska subjects. Originally a Post Office, the building was remodeled and expanded in 1993 and includes an outdoor sculpture garden. The UNK community of students, faculty, and staff visit and are welcomed to MONA for a variety of classes, programs, and activities.

The Nebraskan Student Union
This building was opened in 1964. A major renovation and addition was completed in 2002 adding 25,000 square feet. The Nebraskan houses union administrative offices, the Office of Multicultural Affairs as well as student activity offices, Chartwells' food service operations, the campus bookstore and conference space.

Ockinga Seminar Center
Constructed adjacent to Welch Hall in honor of a long-time business professor. The facility, built in 1981, provides two seminar rooms used by the University and the public as well as the office of International Education.

Otto Olsen Building

Residence Halls
UNK has twelve residence halls and University Heights apartments to accommodate students residing on campus. Two new residence halls with 2- and 4-bedroom suite living arrangements became available in the fall of 2007 and 2008. In addition, in 2008 UNK began an $18 million renovation of residential space which will continue over six years. Renovations to all of the halls will include replacement of furniture, paint and carpeting, sprinkler additions, remodeled restrooms, HVAC improvements and abatement.

Ron & Carol Cope Center for Safety Education and Research
Constructed in 1981, the area includes a driving range and provides space for services offered by the Nebraska Safety Center.

A.O. Thomas Hall
A campus school from 1926-1963, it now houses the Departments of English, Modern Languages and Philosophy.

Roland B. Welch Hall
This facility was part of the 1972 State Hospital complex acquisition. In 1989 the building, which now houses International Education, was named Roland B. Welch Hall in honor of a long-time business professor.

West Center
In 1972 UNK acquired the former State Hospital complex. A major renovation was completed in 2001 and now provides facilities for the College of Business and Technology Dean, Departments of Accounting/Finance, Economics, Management, Marketing and Management Information Systems, and the College of Business and Technology Centers for Economics Education, Rural Research & Development, Nebraska Safety Education and Nebraska Business Development. In addition, the building houses UNMC’s College of Nursing, Kearney Division.

Use of tobacco products on the grounds of any UNK site is allowed as long as such use is not within close proximity (defined as within 10 feet) of any facility entrance or work site.

The University of Nebraska at Kearney is a smoke-free campus.

The University of Nebraska Foundation is a private, nonprofit corporation securing financial support for each of the four campuses of the University of Nebraska since 1936. The University of Nebraska Foundation encourages private financial support of the University of Nebraska from individuals, corporations and other foundations. It oversees the distribution of these gifts and of the interest earned from its endowed funds. Gifts to the foundation add a margin of excellence over and above the appropriate level of state support and are not intended to replace state funds.

Gifts to the foundation significantly enhance the university and its students by providing scholarships, distinguished professorships, professional chairs and visiting lecturers. Other foundation funds assist with recruiting efforts and support services needed by campus organizations, alumni programs and each college.

The foundation has offices in Kearney, Lincoln, Omaha and Scottsbluff. The Kearney office was added on July 1, 1992, when the University of Nebraska Foundation merged with the Kearney State College Foundation. The KSC Foundation was founded in 1959 when a group of eight Nebraska citizens acted on their commitment to higher education and concern for the future. This merger provides greater private support for the students and faculty of UNK.

For more information on supporting the University of Nebraska, please contact:

The University of Nebraska Foundation
214 W. 39th, P.O. Box 2678
Kearney, NE 68848-2678
Phone: 308-869-5270
General Information

Computing Policies

Guidelines for the Use of Information Technology Resources at the University of Nebraska at Kearney and the University of Nebraska Policy for Responsible Use of University Computers and Information Systems detail the University's computer policies. See pages 281-284 for the full text of each of these policies.

Affirmative Action/Equal Opportunity

The University of Nebraska at Kearney affirms a policy of equal educational and employment opportunities, affirmative action in employment, and nondiscrimination in providing services to the public.

The Office of Affirmative Action/Equal Opportunity is responsive to University issues which support a diverse work and academic environment free from discrimination against any person upon the basis of race, age, color, disability, religion, sex (including sexual harassment), sexual orientation, national or ethnic origin, marital status, or veteran status.

The University affirms a policy of equal educational and employment opportunities, affirmative action in employment, and nondiscrimination in providing services to the public. University employees, students and others associated with the University who have not received the benefits of these policies, are encouraged to contact the Human Resource Director and ADA Coordinator.

Equal Educational Opportunity Policy

University of Nebraska at Kearney - April 1992

The University of Nebraska at Kearney reaffirms its policy of administering all educational programs, related support services and benefits in a manner that does not discriminate on the basis of a student's or prospective student's race, age, color, disability, religion, sex, sexual orientation, national or ethnic origin, marital status, or veteran status.

Furthermore, the University commits itself to encourage greater involvement of those individuals traditionally underrepresented in the student body and to establish organization structures and procedures that assure all students equal access to the facilities and educational benefits of the institution.

Sexual Harassment Policy

University of Nebraska at Kearney - March 1995

The University of Nebraska at Kearney reaffirms that all women and men -- students, staff, faculty and administrators -- are to be treated fairly and equally with dignity and respect. Any form of discrimination, including sexual harassment, is prohibited.

Sexual harassment is unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:

1. submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic standing, or
2. submission to, or rejection of, such conduct by an individual is used as the basis for employment or academic decisions affecting such individual, or
3. such conduct has the purpose or effect of unreasonably interfering with an individual's work or academic performance or creating an intimidating, hostile, or offensive work or academic environment.

Sexual harassment does not include personal compliments welcomed by the recipient and social interaction or relationships freely entered into by students, employees, or prospective employees; however, the potential for sexual harassment even in consensual relationships must be recognized, especially in situations where a professional power differential exists (e.g., administrator/student, faculty/student, supervisor/employee, tenured/non-tenured faculty.) Sexual harassment does not include behavior which is considered to be appropriate to an academic discipline for the purpose of instruction or individual safety.

For information regarding sexual harassment complaints or grievances refer to the University of Nebraska at Kearney Grievance Procedures Relating to Alleged Prohibited Discrimination at http://www.unk.edu/offices/aaeo.aspx?id=1522.

See also the U.S. Department of Education, Office for Civil Rights at http://www.ed.gov/about/offices/list/ocr/index.html

Students with Disabilities/Special Needs

A goal at UNK is to develop an academic community accessible to all individuals while encouraging the skills necessary for independence and self-sufficiency. Therefore, it is the responsibility of students at UNK to identify themselves as individuals with a disability and to provide documentation/verification from a qualified individual. Admitted students with disabilities are encouraged to schedule an appointment with the Academic Success Office (308) 865-8214 to learn about campus and program accommodations and services available to them. See http://www.unk.edu/offices/disability/index.php?id=13654 for further information.
Admissions Information

The University of Nebraska at Kearney seeks to make provision for personal and social needs as well as to promote students’ intellectual development in harmony with their ability level and interests. Students may be granted admission for either regular semester or for the summer session. All students seeking admission for enrollment in degree programs must complete the application for admission and submit the related documents before admission can be determined. All materials become the property of UNK and are not returned.

Admission may be invalidated on the basis of erroneous information willfully submitted, or if the facts required in the application process are intentionally concealed or omitted.

The Office of Admissions receives and processes all domestic undergraduate applications and transcripts, and issues acceptance notification. Correspondence concerning admissions and requests for applications may be directed to:

Office of Admissions
University of Nebraska at Kearney
Kearney, NE 68849
Email: admissions@unk.edu
Phone: 1-800-KEARNEY
FAX: (308) 865-8987
Check out our Web site: http://www.unk.edu

Admission Requirements

The following outlines UNK admissions requirements for first-time entering freshmen and transfer students. The requirements do not pertain to international applicants, readmissions and non-degree students.

Assured Admission

In addition to graduation from an accredited high school, or equivalent, all students seeking entry to the University must have successfully completed a core of selected high school courses spread over a number of disciplines. Additionally, students are required to meet performance criteria by ranking in the top half of their graduating high school class or must meet certain performance criteria, based on scores from ACT or SAT national examinations. The entrance requirements incorporate a process for admitting students who do not meet one or more of the admission criteria, yet show promise of academic success.

Core Course Requirements

The core course requirements are summarized in the following broad areas of subject matter in which one unit represents one full year of study:

- English - 4 Units
- Mathematics - 3 Units
- Social Studies - 3 Units
- Natural Sciences - 3 Units
- Foreign Language - 2 Units in same language
- Any academic elective - 1 Unit

Academic courses at each Nebraska high school have been evaluated. Courses that meet the University’s criteria are listed by high school at http://admissions.unl.edu/nebraska/.

Performance Requirements

In addition to meeting the above core course requirements, students seeking admission to the University on any campus, shall:

- Be ranked in the 50th percentile or higher of their graduating class in an accredited high school
- OR
- Have received an ACT composite score of 20 or greater
- OR
- Have received an SAT total score of 950 or greater.

Admission of Students on the Basis of Special Merit

Applicants who do not qualify for assured admission by meeting all entrance criteria may appeal to be considered for full admission to the University on the basis of special merit. The student must submit a letter of appeal along with three letters of recommendation: (1) from the high school principal or guidance counselor, (2) from an English teacher, and (3) from a math or science teacher. If the appeal is successful, the student will be "Admitted by Review." This status may require the student to participate in an academic program of study that specifies the course work to be taken as well as other designated support activities provided by selected faculty and staff.

Home-Schooled Students

Submit the Application and the $45 non-refundable application fee. If applicable, you must submit official transcripts reflecting any high school or post-secondary work completed. If you did not attend high school, submit a detailed copy of your program of study along with your GED certificate and GED equivalence scores. If you did attend an accredited high-school agency that issues a high school diploma, then have the official transcripts sent to the UNK Office of Admissions. ACT/SAT scores are also required. Home-schooled students admitted without completing all 16 core course requirements will be required to successfully complete an approved college-level course in each deficiency within the first 24 hours of enrollment at UNK. GED scores may be waived based on proficiency demonstrated on the ACT/SAT test scores. Additional documentation may be required.

Admission Procedures for All Entering Freshmen

A freshman student must complete the following requirements:

1. **Application Form** - Complete an online application or a paper application and return with $45.00 admissions application fee to the Office of Admissions, University of Nebraska at Kearney, 905 West 25th Street, Kearney NE 68849.

2. **Entrance Tests** - UNK requires all new students to complete either the ACT or SAT test and have that score reported to the Director of Admissions, University of Nebraska at Kearney. High school juniors and seniors must take the ACT or SAT test and list UNK (ACT College Code 2468, SAT Code 6467) as one of their college choices. The student applies for admission by returning the admission application, the admissions application fee, and high school transcript of grades.

3. **Transcripts** - Applicants must submit one high school transcript at the time of application reflecting at least six (6) semesters of high school work. A final transcript reflecting high school graduation is required.

4. **Copy of Senior Year Class Schedule**
5. Physical Exam/Vaccinations - Required health form (provided in a special mailing) should be completed and returned to Student Health Services. See Counseling and Health Care (CHC) for more specific instructions.

6. Housing Application - A first-time freshman, single, under 19 years of age, and not living at home must complete a contract and return it with a $50 non-refundable application fee to the Director of Residential and Greek Life, University of Nebraska at Kearney. Any special housing arrangements for freshmen must be cleared through the Director of Residential and Greek Life.

Note: New entering freshmen will attend a one-day Summer Advising and Enrollment program to be advised and registered for Fall classes. Summer Advising and Enrollment registration materials will be mailed approximately April 1. A more comprehensive Fall Orientation will occur later in the summer, approximately the start of the Fall semester. Details about the Fall Orientation program will come from the office of the Dean of Student Life.

When to Apply: Currently enrolled high school students should apply between the beginning of their senior year and four weeks prior to the start of the term in which they are seeking admission.

Students attending another college or university in which they attempted hours after high school graduation are considered transfer applicants. A complete application must be submitted before any decision will be made concerning the admissibility of the applicant, as well as the evaluation of transfer credit.

Requirements
Students may not omit or disregard any part of a previous college record, whether part or full-time, with or without degree objectives, whether or not credit has been granted, or whether or not they desire to transfer credit. Failure to disclose a complete collegiate record may result in dismissal from UNK.

1. Transfer students are expected to satisfactorily complete the core course requirements, either in high school or in their previous post-secondary studies. Students will be required to take UNK courses in the areas of their deficiencies.

2. Prospective students should be eligible to return to the institution last attended. Those who have been suspended or dismissed from other colleges or universities for personal or academic reasons may not be considered for admission until they are eligible to return to their previous institution. The official record should contain evidence of honorable dismissal from the last school attended.

3. Applicants are expected to have a cumulative grade point average of “C” (2.0) earned at accredited institutions to be eligible for admission. Transfer students admitted on probation will have one semester to meet UNK academic standards. All course work below the level of “C” will be considered unsatisfactory and nontransferable.

4. Transfer students from any of the other University of Nebraska campuses who desire to make a permanent change to UNK must complete an application for admission and a “change of campus” form to have their records transferred to UNK.

5. All visiting students from any of the University of Nebraska campuses must submit a completed “Inter-Campus” application form. Students on suspension from another campus are not eligible to enroll.

6. Transfer students are required to submit a completed Student Health Record (provided in a special mailing) which must include results of a recent physical exam and month and year dates of all child and adult vaccinations. See Health Services information for specific instructions.

Admission Status
Full Standing - Indicates all application materials have been received, cumulative grade point requirement (C or 2.0) was met, and applicant left previous accredited institution in good standing.

Admitted by Review - This status may indicate that applicant’s academic background does not meet admission standards. Transfer students with less than a 2.0 may be admitted on probation to UNK. Students admitted on probation may be required to participate in designated support activities provided by selected faculty and staff.

Provisional - Indicates part of application requirements are missing. Generally, provisional acceptance is reserved for students who are currently attending another institution and transcripts are partial or show work in progress. Provisionally admitted students must meet necessary requirements prior to registration for any succeeding semester.

Admission Procedure
Transfer students shall submit the completed application for admission with the admissions application fee. In addition, the following procedures shall be completed: College Transcripts - One official transcript from each college attended must be submitted even though no credit may have been earned at an institution. Work summarized from several colleges on one transcript is not acceptable. High School Transcript - This record is required from all transfer students.

When to Apply
Transfer students should submit their application no later than four weeks prior to the beginning of the term in which admission is requested. A Work in Progress Report may be requested to support the application when a student is currently enrolled at another institution.

Admission of Transfer Students

Students attending another college or university in which they attempted courses in high school or in their previous post-secondary studies. Students will be required to take UNK courses in the areas of their deficiencies.

Transfer of Credit

1. Only original, sealed transcript(s) from each college/university (accredited as a post-secondary institution by North Central* or other similar regional agencies) previously attended will be considered by the Registrar’s Office for the award of transfer credit.

Transcripts from nonaccredited institutions, technical-trade schools, proprietary schools, industry-sponsored schools are reviewed by the UNK academic departments offering courses similar, if any, to the courses stated on the transcripts.

The UNK academic departments recommend to the Registrar’s Office which courses or combination of courses, if any; to accept in transfer, the semester credit hours to award, and the course equivalency, if any; at UNK.

UNK reserves the right to require successful completion of specific UNK courses and/or up to two semesters of UNK course work before considering/granting transfer credit from such institutions.

2. Credit hours earned with a minimum grade of “C” at institutions outside of the University of Nebraska will be accepted in transfer. All grades and credit earned at any campus of the University of Nebraska will be accepted in transfer.
3. All credit hours transferable are converted to semester credit hours (e.g., one quarter hour equals 2/3 of a semester credit hour).

4. Grades earned at institutions outside the University of Nebraska do not become a part of the student’s UNK cumulative grade point average.

5. Total semester credit hours transferred from each institution previously attended are recorded on the student’s UNK transcript. (Note: A maximum of 66 semester credit hours may be transferred from two-year junior or community colleges.)

6. UNK does not issue copies of another institution’s transcript.

7. Applicability of courses (for which credit hours are transferred to UNK) is determined by:
   a. UNK Registrar’s Office - General Studies Program;
   b. UNK academic departments - majors/minors/teaching endorsements.

8. Credit awarded at another college or university for course work completed in a nontraditional manner, e.g., through Advanced Placement programs (CEEB), proficiency tests (CLEP or comprehensive examinations administered by an academic department), or personal experience, must be validated by the UNK Registrar’s Office and/or appropriate UNK academic departments.

9. A maximum of 12 semester credit hours in correspondence courses and 6 semester credit hours in religion courses from Bible colleges may be transferred to UNK from accredited post-secondary institutions.

*30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504

Armed Services

A maximum of 4 semester credit hours is awarded for Basic Training upon receipt of the DD-214 form (military separation papers). Additional semester credit hours may be awarded for advanced military education as recommended by the American Council on Education Guide.

Foreign Colleges and Universities

Students who attended a foreign university or college and who wish to have their credits considered for transfer to UNK, must provide to the Office of Student Records and Registration:

1. An official transcript from the institution reflecting all courses attempted and grades received.

2. A professional credential evaluation completed by a member of the National Association of Credential Evaluation Services (NACES). See www.naces.org for a complete list of member agencies or contact the Office of Student Records and Registration for an approved list.

3. Complete course descriptions for each course to be considered for transfer.

4. Other information regarding previous educational experience, as requested.

The Office of Student Records and Registration will work with appropriate academic departments to evaluate credits for transfer when all documentation has been submitted. Evaluations will only be done for students who have been fully admitted into a degree seeking program at UNK.

Admissions Information

Readmission of Former Students

Students who have not been enrolled at the University of Nebraska at Kearney within the last two years are required to apply for readmission through the Office of Admissions. Application should be made at least four weeks prior to the beginning of the term to which readmission is requested. Students who have attended UNK at any time within the last two years and who wish to enroll in classes may register for classes according to the published Class Schedule.

Former students should give special attention to the following:

1. A former student attending another college or university is considered a transfer student and must satisfy transfer requirements. Complete transcripts of credit earned at other institutions should be filed with the Office of Admissions.

2. Students voluntarily withdrawing are eligible for readmission with the same admission status that existed at the time of withdrawal.

3. Students suspended or dismissed for academic reasons should contact the office of the Senior Vice Chancellor for Academic and Student Affairs for reinstatement. Evaluation for readmission usually includes consideration of academic aptitude, evidence of growth and maturity, course work at other institutions, and time elapsed since leaving the institution.

Admission of Non-Degree Students

A special classification of non-degree is provided for those students who have no immediate intent of pursuing a degree program. Such a classification is intended to enhance the enrollment of students, over 19 years of age, seeking course work for reasons other than pursuing a bachelor’s degree at the University of Nebraska at Kearney. A maximum of 16 semester credit hours in non-degree student status may apply toward a degree. Application forms are available in the Admissions Office at UNK.

Early Entry

The University of Nebraska at Kearney encourages high school students whose maturity, achievement, aptitude and goals warrant special consideration to seek early entry. The program provides an accelerated educational opportunity with UNK credit being granted. Acceptance is contingent upon a recommendation from a high school official. Students seeking early entry must complete the Application for Undergraduate Admission and submit the admissions application fee of $45.00. Early entry students may enroll for a maximum of six hours per semester and a total of 16 semester hours prior to completion of their high school requirements.

Admission of International Students

Qualified students from other countries and cultures who can share the heritage of their peoples and nations are welcome to apply for admission to the University of Nebraska at Kearney. Inquiries concerning international student admission may be directed to International Admissions (undergraduate) or Graduate Admissions (graduate students), University of Nebraska at Kearney.
International students must:
1. Complete the International Student Application form.
2. Transfer students in the United States shall submit transfer authorization from their last place of study. Complete transcripts of credit earned at other institutions, including credit hours earned at a foreign college or university, should be filed with International Admissions.
3. Demonstrate competency in the English language by providing test scores. Students from non-English speaking countries are required to submit one of the following:
   - Minimum TOEFL score of 500 on paper-based test, 173 on the computer-based test, or 61 on the internet based test
   - Minimum IELTS score of 5.5
   - Minimum TOIEC score of 600
4. Submit transcripts reflecting secondary school graduation (or its equivalent) at a level commensurate to the requirements for first time enrolled students at UNK.
5. Submit a completed Student Health Record, which must include results of a recent physical exam and month and year dates of all child and adult vaccinations. See Counseling and Health Care (CHC) section of this catalog for more specific instructions.
6. Purchase the basic health insurance policy offered through UNK or provide evidence of comparable coverage by another insurance carrier. Insurance charges will be assessed with other fees on the fee payment statement.

Issuance of the Certificate of Eligibility, Form I-20, or replacing IAP-66 should be DS-2019, will be made only upon completion of all admission requirements. It is the responsibility of the applicant to make all necessary arrangements through official channels for entrance into the United States.

International student applicants should make application four months prior to the anticipated enrollment date.

INS regulations require all international students to enroll full-time while pursuing a degree at the University. Undergraduate students must enroll for a minimum of 12 hours per semester. Graduate students must enroll for a minimum of 9 hours per semester. Failure to comply with this regulation will result in serious consequences.

Admissions Application Fee
A $45.00 admissions application fee will be assessed for undergraduate students who seek admission to any campus of the University. Undergraduate applicants not enrolling will be allowed two full years to request reactivation or change in term of admission without paying an additional fee. Intercampus registrations, change of campus transfers and requests for readmission are not subject to admissions application fee assessment. Make checks or money orders payable to the University of Nebraska at Kearney. Do not send cash.

Non-Resident Classification for Tuition

General
The statutes of Nebraska provide that all state educational institutions shall charge nonresident tuition for each nonresident of Nebraska who matriculates at any state institution. Nonresident status is determined in accordance with these statutes and current institution policies, and is based upon information provided in the application for admission and related documents. Additional written documents, affidavits, verification or other evidence may be required as deemed necessary to establish the status of any applicant. The burden of establishing exemption from nonresident tuition is the responsibility of the student. Erroneous classification as a resident or willful evasion of nonresident tuition may result in disciplinary action as well as payment of required fees for each semester attended.

Change of Status
A student may apply for reclassification as a resident by completing a University of Nebraska “Application for Residence Classification for Tuition Purposes” which is available in the Admissions Office. A student classified as a resident but who becomes a nonresident as provided by the statutes shall notify the Director of Admissions of such change promptly. Residency status may be challenged when there are found to exist circumstances indicating a change of legal residence. Any sanctioned change of classification from nonresident to resident will not be made retroactive beyond the period in which the change is approved.
### Summary of Costs Per Semester

**(2009-2010 Rates)**

<table>
<thead>
<tr>
<th>Fee</th>
<th>Regular session, each semester</th>
<th>Summer, per credit hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition (Resident)</td>
<td>$145.50/hr (2008-2009 rate)</td>
<td>$6.50/$45.50 cap</td>
</tr>
<tr>
<td>Tuition (Non-Resident)</td>
<td>$298.00/hr (2008-2009 rate)</td>
<td></td>
</tr>
<tr>
<td>Board and Room</td>
<td>$3,385-$4,005</td>
<td></td>
</tr>
<tr>
<td>Academic Success Fee</td>
<td>$1.75/hr</td>
<td></td>
</tr>
<tr>
<td>Collegiate Readership Program Fee</td>
<td>$3.00</td>
<td></td>
</tr>
<tr>
<td>Facilities Fee</td>
<td>$6.00/hr</td>
<td></td>
</tr>
<tr>
<td>Health and Counseling Fee</td>
<td>$80.00</td>
<td></td>
</tr>
<tr>
<td>ID Card Fee</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>Library Fee</td>
<td>$3.00/hr</td>
<td></td>
</tr>
<tr>
<td>Multicultural Affairs Fee</td>
<td>$1.50</td>
<td></td>
</tr>
<tr>
<td>Student Activity Fee</td>
<td>$13.00</td>
<td></td>
</tr>
<tr>
<td>Student Event Ticket Fee</td>
<td>$62.00</td>
<td></td>
</tr>
<tr>
<td>Student Records Fee</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td>Student Union Fee</td>
<td>$50.00</td>
<td></td>
</tr>
<tr>
<td>Technology Fee</td>
<td>$9.00/hr</td>
<td></td>
</tr>
<tr>
<td>Undergraduate Research Fellows Fee</td>
<td>$1.50/hr</td>
<td></td>
</tr>
<tr>
<td>Weight Room Fee</td>
<td>$1.00/hr</td>
<td></td>
</tr>
</tbody>
</table>

Tuition, fees and other charges may be changed at any time by the Board of Regents of the University of Nebraska.

### Fees

**Academic Success Fee**

Academic Success Fee (per credit hour) $1.75

Provides services for all students through the Student Support Services, Learning Strategies, Services for Students with Disabilities, First Year Experience, Academic Advising, Writing Center and Academic Success offices by means of mentors, tutors and programming. The offices seek to provide services that enhance student academic performance, retention and graduation.

**Admissions Application Fee**

Payable at the time of admission - not refundable.

Resident and Nonresident $45.00

The Admissions Application Fee is a one-time, mandatory fee that is used to establish a student's undergraduate records.

**Collegiate Readership Program Fee**

Regular session, each semester $3.00

Not available in summer. Allows students access to four daily newspapers during the academic year - USA Today, Omaha World-Herald, Kearney Hub. The New York Times is provided by the American Democracy Project.

**Facilities Fee**

Regular session, per credit hour $6.00

Summer, per credit hour $3.00

The Facilities Fee supports ongoing maintenance, repair and operation of student facilities. This fee is charged to all students enrolled in on-campus courses.

**Health and Counseling Fee**

Regular session, each semester $80.00

Summer, per credit hour $6.50/$45.50 cap

(Fee assessed to all students enrolled for 7 or more hours in on-campus courses.) The Health Fee is used to support the Student Health Center. (Summer session - see printed Summer Class Schedule.)

**ID Card Fee**

ID Card Fee (per term) $4.00

Fee assessed each term student is enrolled for on-campus classes only. Provides student with validated ID card.

**Late Registration Fee**

A student may register late after Open Registration has ended and classes have begun.

A $15 Late Registration Fee is assessed. All tuition and other fees must be paid at the time of the late registration.

Tuition and all fees are due at the time of registration, and failure to pay at that time will result in late charges and prepayment for future term.

Note: After the scheduled Open Registration period ends, the instructor’s or department chairperson’s written permission is required for registration/adding a class. A registration, based on extenuating circumstances, beginning the third week of a class requires the written permission of the instructor, the department chairperson, and the school dean. Students cannot register for full semester classes following the fourth week of the term.

**Library Fee**

Library Fee (per credit hour) $3.00

The Library Fee supplements book collections, research materials and serial journal collections. This fee is charged to all enrolled students.

**Multicultural Affairs Fee**

Multicultural Affairs Fee (per semester) $1.50

Multicultural Affairs administers programs and services that foster and develop a supportive environment for students of American ethnic heritage, promotes a multicultural climate conducive to the educational achievement of all students and encourages a global perspective of learning for the campus. This fee supports new programs focused on bringing culturally rich educational events and activities to campus.

**New Student Enrollment Fee**

New Student Enrollment Fee $45.00

The New Student Enrollment Fee is a one-time, mandatory fee charged to all first-time students enrolled for 7 or more hours. The fee is used to support the summer and fall orientation programs.

**Special Fees**

Private music lessons, semester $30.00

Placement Services (each year used) $25.00

Distance Education Delivery (per hour) $25.00

Graduation Fee (all degrees) $25.00

International Student Fee $25.00

Certain courses require a materials fee in addition to regular registration fees.

**Student Activity Fee**

Regular session, each semester

7 or more hours $13.00

4-6 hours $6.50

1-3 hours $3.25

The purpose of the Activity Fee is to help finance student programs. This fee is charged to all students enrolled in on-campus courses.
Financial Information

Student Event Ticket Fee
Regular session, each session
7 or more hours ................................................. $62.00
4-6 hours.......................................................... $31.00
1-3 hours........................................................ $15.50
The SET fee permits admission to UNK sponsored events (athletic and fine arts) and supports the intramural program and the Student Talent Development Program. The program enables UNK to participate in opportunities that develop student leadership skills or that provide venues for students to display intellectual talent and other exceptional accomplishment. This fee is charged to all students enrolled in on-campus courses.

Student Parking Permit Fee
Perimeter and commuter parking registration fee
per car each year............................................... $55.00
Resident Reserved .............................................. $70.00
The Parking Fee is refundable on a prorated basis during the first six weeks of the semester purchased. The Parking Fee provides for a permit to park in designated areas on campus but does not guarantee a parking space.

Student Records Fee
Student Records Fee (per term)............................ $4.00
The Student Records Fee provides for lifetime copies of transcripts. This fee is charged to all enrolled students.

Student Union Fee
7 or more hours ................................................. $50.00
4-6 hours.......................................................... $25.00
1-3 hours........................................................ $12.50
summer per hour ............................................. $3.00
The Student Union Fee supports the Nebraskan Student Union.

Technology Fee
Technology Fee .................................................. $9.00/hr
The Technology Fee funds enhance and increase the instructional and informational technology literacy and access for UNK students. This fee is charged to all enrolled students.

Undergraduate Research Fellows Fee
UG Research Fellows Program (UG only)............... $1.50/hr
This fee will provide students the opportunity to participate in scholarly activity during their UNK career.

Weight Room Fee
Weight Room Fee.............................................. $1.00/hr/$12 cap
The Weight Room Fee is used to provide improvements for the student weight and exercise room.

Housing and Dining
(2009-2010 Rates)

Housing and dining costs may be changed slightly due to changes in UNK policy.

Housing Application Fee
(one time mandatory fee)...................................... $50.00

Regular Session (each semester) Board and Room
Double Room
21 meals/week, 7-day plus 50 points plan.............. $3,415.00
15 meals/week 5-day plus 80 points plan.............. $3,385.00
University Residence
21 meals/week, 7-day plus 50 points plan.............. $3,465.00
15 meals/week, 5-day plus 80 points plan.............. $3,435.00
Antelope/Nester 4-bed hall
21 meals/week, 7-day plus 50 points plan.............. $3,805.00
15 meals/week, 5-day plus 80 points plan.............. $3,775.00
Antelope/Nester 2-bed hall
21 meals/week, 7-day plus 50 points plan.............. $4,005.00
15 meals/week, 5-day plus 80 points plan.............. $3,975.00

Summer Sessions
See Printed Summer Class Schedule.

If a student withdraws from the University before the end of a term, board and room are partially refundable. Refund begins when a student is properly checked out.

Textbooks
Students will purchase their own textbooks. Textbooks average between $400.00 and $500.00 per semester depending on the number and type of classes taken.

Late Payment Charges
Students not paying by the bill due dates will be assessed late charges. In addition, they will be required to pre-pay for future registrations.

Financial Aid
The University of Nebraska at Kearney provides financial assistance in the form of scholarships, grants, loans and work-study. The Financial Aid office assists students with financial aid from federal and state resources, the University and private organizations. Frequently students receiving assistance to pay for college are funded through a variety of sources. It is the responsibility of the Office of Financial Aid to coordinate the application and awarding process of multiple types of aid for students.

Federal and State of Nebraska assistance (grants, loans and work-study) is awarded on the basis of need. Need is determined per federal statute. The “expected family contribution” is determined and then subtracted from the cost of attendance for an academic year. Congress has created a formula called “Federal Methodology” that is used to calculate the expected family contribution based on the information submitted by the family on the Free Application for Federal Student Aid (FAFSA). Students can complete the FAFSA on the internet by going to www.fafsa.ed.gov. In order to complete the FAFSA entirely on-line, applicants and their parents will want to request a “PIN” number from the U.S. Department of Education. This can be done at www.pin.ed.gov. Your “PIN” number is your electronic signature with the Department of Education and eliminates the need to sign any part of the FAFSA. The results from your FAFSA will be sent to UNK automatically when you enter our Title IV School Code (002551) on your FAFSA. The FAFSA should be completed as soon as possible after January 1 for the following academic year.
In addition to the FAFSA, students may be required to submit a UNK Financial Aid Information Form and copies of federal tax returns. The UNK Financial Aid Information Form is available from our office or at www.unk.edu, click on Current or Prospective Students, then on Financial Aid, and then on “How to Apply.” Once these documents are received in the Office of Financial Aid, the student’s application is checked for correctness. Occasionally additional documentation is requested to confirm student’s eligibility. Once verification is completed, the student will be notified via email with instructions for reviewing the financial aid award letter in WebEASI. The award letter explains the types and amounts of financial aid for which he/she is eligible.

Some sources of financial aid are limited and therefore applicants are urged to complete the FAFSA as soon as possible to obtain the best financial aid packages.

For information on applying for merit based scholarships see Scholarships on page 16.

Questions regarding federal or state aid may be directed to:
Office of Financial Aid
University of Nebraska at Kearney
905 W 28th St.
Kearney, NE 68849-2350

Contact the office via e-mail at finaid1@unk.edu or via phone at (308)865-8520.

Standards of Satisfactory Academic Progress Policy

For Undergraduate Students
University of Nebraska at Kearney

The University of Nebraska at Kearney is required to establish minimum academic standards that students must meet to be eligible or maintain eligibility for federal and state financial aid, including grants, loans and college work study.

Students who are receiving financial aid or who seek financial aid in the future are required to meet these minimum standards. Failure to meet these standards for two consecutive semesters (fall, spring, summer) means the student is no longer eligible to receive financial aid.

Students must meet both a qualitative requirement (GPA) and a quantitative requirement (# of hours successfully completed) to maintain eligibility. Additionally undergraduate students are eligible to receive aid for only 187 credit hours - this is referred to as the maximum time frame requirement.

The quantitative requirements for undergraduate students are based upon your enrollment status (full-time, part-time, half-time) at the end of the drop and add week at the start of each semester. You must successfully complete the number of hours for which your financial aid was based.

Enrollment status and quantitative progress for undergraduate students is defined as follows:

- **Fulltime = 12 or more Credit Hours.**
  - Minimum required Earned Hours must be 12 credit hours.
- **Part-time = 9 to 11 Credit Hours.**
  - Minimum required Earned Hours must be 9 credit hours.
- **Halftime = 6 to 8 Credit Hours.**
  - Minimum required Earned Hours must be 6 credit hours.
- **Less than Halftime = 5 or less Credit Hours.**
  - Minimum required Earned Hours is 1 credit hour.

The qualitative requirements for undergraduate, second bachelor's degree and initial teaching certificate students are:

- **If you have attempted 0-16 UNK credit hours you must have a minimum University GPA of 1.0**
- **If you have attempted 17-32 UNK credit hours you must have a minimum University GPA of 1.50**
- **If you have attempted 33-48 UNK credit hours you must have a minimum University GPA of 1.65**

Financial Information

- If you have attempted 49-64 UNK credit hours you must have a minimum University GPA of 1.80
- If you have attempted 65-80 UNK credit hours you must have a minimum University GPA of 1.90
- If you have attempted 81 or more UNK credit hours you must have a minimum University GPA of 2.0

Successful Completion of Courses

To be counted as a successfully completed or earned hours, the student must receive a grade of A, B, C, D or CR. Withdrawals (W), incompletes (I) or failures (F) are counted in the attempted hours but are NOT successfully completed or earned hours.

If a student fails to meet one or both (qualitative or quantitative) of the minimum standards for one semester the student is placed on financial aid probation for the following semester. The student will maintain financial aid eligibility and continue to receive financial aid during the semester of probation. Students are notified in writing when placed on probation.

If the student fails to meet one or both of the standards again in the subsequent semester, the student is placed on financial aid suspension and is no longer eligible for any financial aid.

If the minimum standards are met in the subsequent semester the student is placed back in good standing.

Maximum Time Frame Requirement

Undergraduate students can receive financial aid for up to 187 credit hours. Second bachelor’s degree seeking or initial teaching certificate students can receive funding for 45 credits beyond the first bachelor’s degree. The credit hours attempted includes transfer hours. It also includes hours in which the student did or did not receive financial aid. Students will be suspended from financial aid eligibility the semester following the semester their attempted hours exceeds 187. There is no probationary semester.

Students on financial aid suspension can enroll for classes without financial aid and meet the minimum standards. The Office of Financial Aid will check academic standing after each semester. The student may also notify the Office of Financial Aid in writing if the minimum standards have now been met. Students will also be given in their suspension notice the right to appeal. The appeal must be submitted in writing to the Office of Financial Aid by the due date indicating in the notification letter. Students are notified in writing with the decision of the Appeals Committee.

Return of Title IV Funds

Federal statute requires a recalculation of aid eligibility when a recipient of financial aid withdraws from the University of Nebraska at Kearney.

The “Return of Title IV Financial Aid “ requirement is based on the amount of federal financial aid received, the University charges incurred and the date of withdrawal. If a student received more assistance than earned, the excess funds must be returned. The amount of assistance earned is determined on a pro-rata basis. That is, if a student completed 30% of the semester, then the student has earned 30% of the financial aid he was originally scheduled to receive. Once a student has completed more than 60% of the semester all of the assistance is considered “earned.”

The official date of withdrawal is the date indicated on UNK’s official withdrawal form at the Office of Registration and Records. However, if a student remains enrolled but fails to pass any classes, the calculation must be done in accordance with federal statute when an official withdrawal date is not available. Therefore, failing to officially withdraw does not result in the waiving of the requirement to return Title IV Financial Aid.

If a student’s University charges are reduced as a result of withdrawal, and that withdrawal creates a credit balance on the student account, the funds reflected in that credit balance may be used to repay the federal
Financial Information

If the credit balance does not cover the amount due back to the aid programs, the student will be billed the difference. If the student owes back to any of the grant programs, the student has 45 days to make repayment to the University or be reported to the U. S. Department of Education as a student who owes an over payment. Owing an overpayment to the U.S. Department of Education means that student will no longer be eligible for federal financial aid at any school until it is paid in full.

Federal statute determines the order in which programs will be paid back.

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Perkins Loan
4. Parent Loans for Undergraduate Students (PLUS)
5. Federal Pell Grant
6. Academic Competitiveness Grant
7. SMART Grant
8. Federal Supplemental Equal Opportunity Grant (SEOG)
9. Federal Teach Grant

Below is an example of the Return of Title IV Funds calculation.

1. Establish the withdrawal date and calculate the percentage of aid the student may retain.
   - 9/24/2008 is 29 days into the semester, which is 116 days long. Therefore, he has completed 25% of the semester.
   - This means that he may keep 25% of the aid awarded to him, however 75% must go back to the aid programs. (Once a student has completed 60% or more of the semester, no aid will need to be returned.)

2. Calculate the percentage of unearned aid.
   - John received $2,668 in Title IV aid.
   - 75% of $2,668 in financial aid must be returned: $2,001.

3. Calculate the maximum percentage of aid based on cost that the school may have to return.
   - John’s bill for the Fall of 2008 was $1,276
   - 75% of the cost, $1276, is $957.

4. Calculate the amount of aid the school must return.
   - The school then returns the lesser of $957 (percentage of cost) or $2,001 (percent of unearned financial aid) to the aid programs.
   - The school returns $957 on John’s behalf.

5. Aid the student must personally return.
   - John’s grant aid is returned on his behalf by the school and therefore becomes part of the bill that must be repaid to the school. Failure to pay this would result in reporting to the Department of Education as an overpayment.
   - The balance of John’s loan not paid by the school will go into repayment in accordance with the terms of the promissory note.

Veterans and Dependents

The Financial Aid Office works in cooperation with the Veterans Administration to assist veterans and eligible dependents to obtain VA educational benefits. In order to receive VA benefits, an eligible VA or dependent must come to the Office of Financial Aid Veterans Service area and apply. It is the veteran or dependent student’s responsibility to report all pertinent information to the Office of Financial Aid in order to ensure receipt of benefits. Additionally, it is the responsibility of the student or dependent to notify the Office of Financial Aid Veterans Service of changes in enrollment, major, address, name, and any other information that may affect the receipt of benefits. Questions regarding veterans’ educational benefits may be addressed to (308) 865-8649.

Scholarships

University of Nebraska at Kearney Scholarship Guidelines

The philosophy of the Scholarship Committee is to assist students at UNK by providing supplemental financial resources based on academic performance. With the exception of endowed funds, which are awarded according to donor intent, the scholarship committee will have the sole responsibility of establishing regulations governing scholarships.

In administering the UNK scholarship program, determination of eligibility must first be established. To be eligible to receive a scholarship, the following must be met:

1. The student must be admitted to, and remain in good standing, at UNK.
2. Unless specifically indicated by the guidelines of the individual scholarship, the student must currently be an undergraduate student at UNK.
3. Scholarships are to be awarded according to the student’s enrollment at the time the scholarship will be utilized.
4. The student must be enrolled full-time each semester the scholarship is received, unless specified otherwise.
5. Scholarship awards are made on a yearly basis with half of the award given each semester. Students attending only one semester of the award period may be eligible for only half of the value of the scholarship.
6. No member of the applicant’s immediate family (to include parent, sibling, or spouse) will be permitted to serve on the scholarship committee or in any way be associated with the internal workings of the selection process.
7. Scholarship awards are subject to review by the scholarship committee upon student petition.

Federal income tax laws require that income from grants, scholarships and fellowships be considered as income and reported on federal income tax returns in the following situations:

1. Students who are seeking a degree must report grant, scholarship and fellowship awards as taxable income to the extent such awards exceed “course-related expenses.” Course-related expenses include tuition, mandatory fees, books, supplies, and equipment required for the course.
2. Individuals who are not seeking a degree, such as faculty fellows and post-doctoral research associates, are taxed on the full amount of any scholarship or fellowship award.
3. Any portion of a scholarship or fellowship that is awarded for services performed by the individual, including teaching or research assistantships, is subject to taxation. These awards are considered “compensation,” even if the teaching or research services are required for the student’s degree.

Employers are not required to report scholarship or fellowship payments to the Internal Revenue Service. Since there are no reporting requirements, the University of Nebraska does not issue a Form 1099 Miscellaneous Income, or a Form W-2 for these payments. It is the responsibility of the individual to report scholarship and fellowship income to the IRS.
Athletic Grants

Scholarships for men and women athletes are available at the discretion of the Athletic Director and the coaching staff. An individual coach may, if he/she desires, offer a total or partial scholarship to a prospective student athlete. To be eligible, the recipient must meet the transfer and/or entrance requirements of this institution, as well as the standards of the National Collegiate Athletic Association (NCAA).

Freshman Scholarship Program

New freshmen admitted by February 1 will be considered for Board of Regent’s and Chancellor’s Scholarships. No additional application is required.

The Board of Regent's Scholarship is a full tuition waiver for up to 135 undergraduate credits or upon the recipient’s completion of a bachelor’s degree, whichever comes first. This program is for graduates of Nebraska high schools only. The scholarship requires the student to be full-time.

The Chancellor’s Scholarship is a $2000 tuition waiver per academic year. It is available for up to eight semesters or through the student’s graduation with a bachelor’s degree, whichever comes first. The scholarship requires the student to be full-time.

The Dean’s Scholarship is a $1000 tuition waiver. It is awarded for up to eight semesters or through the student’s graduation, whichever comes first. This scholarship requires the student to be full-time.

The Cooperating School Honor Scholarship is awarded to graduating high school seniors of school systems serving as a cooperating school in the student teacher program at UNK. The cooperating school recommends scholarship recipients and alternates equal to the number of scholarships available for that particular school by submitting a list to the UNK Office of Financial Aid. To be eligible for the maximum $1500 tuition waiver, students must have a score of 23 or above on the ACT or 1050 or above on the SAT and rank in the top 30% of their graduating class. High school counselors of cooperating schools can be contacted for more information and application materials.

The Non-Resident Scholarship is for out-of-state students. The scholarship can pay up to the full difference between resident and non-resident tuition.

Nebraska Legacy Scholarship: Established by the Board of Regents, this scholarship pays the difference between resident and non-resident tuition for qualified students whose parent’s graduated from one of the University of Nebraska campuses. In order to receive this scholarship you must be the natural born or legally adopted child of a University of Nebraska graduate. Step-parent or legal guardian status does not apply. You also must rank in the upper 1/3 (33%) of your high school graduating class or have a composite ACT score of 24 or SAT score of 1100.

UNK Multicultural Community Service Scholarship: This scholarship is designed to provide students an opportunity to serve UNK by establishing the foundation of a multicultural community. This service will include creating multicultural student groups and participating in multicultural and campus wide activities and organizations. Recipients

Financial Information

R.H. “Rick” Davis Scholarship: This scholarship seeks to identify and attract talented student scholars who have demonstrated knowledge and experience in cultural communities or backgrounds and are prepared to use this knowledge to contribute to the education of their fellow students. The amount of the scholarship varies but generally is around $2000 to $4000 annually for up to four years. The application is available from the Office of Financial Aid or the Office of Multicultural Affairs.

Transfer Student Scholarship

These scholarships are awarded to transfer students (12 or more transferable credit hours). Students receive a partial tuition waiver. Contact the Office of Financial Aid for more information.

Continuing Student Scholarships

An annual scholarship is one where a donor has made a commitment to the university to award a scholarship each academic year. A permanently endowed scholarship is one whose funds have been raised from private sources and invested by the University of Nebraska Foundation. The income derived from the investment pays the scholarship. Upper-class students must submit a Continuing Student Scholarship application via WebEASI by March 1. All Continuing Student Scholarships that are available along with criteria a student must meet to be eligible for the scholarships are listed on www.unk.edu/offices/financial_aid/.

The Continuing Student Scholarship listing is divided into six sections consisting of one for each college (Education, Business & Technology, Fine Arts & Humanities, and Natural & Social Sciences), athletics, and miscellaneous. Students majoring in a specific field should refer to the corresponding college section, while the miscellaneous section lists scholarships available to the general student population regardless of major. Those students participating in intercollegiate athletics may be considered for scholarships listed in the athletics section.

Students are encouraged to contact the Office of Financial Aid for additional information on the application process or with any other scholarship questions.

UNMC College of Nursing-Kearney Division Scholarships

Once students are fully admitted into the College of Nursing-Kearney Division, they are no longer considered UNK students and are ineligible to apply for UNK Continuing Student Scholarships. However, UNMC does offer scholarships for Kearney Division nursing students. Contact the College of Nursing-Kearney Division or the UNMC Office of Financial Aid for more information on these scholarships.
The University of Nebraska at Kearney is committed to providing students with assistance in their academic endeavors. Students often need guidance and help to achieve academic success at the University level. At UNK students are offered services to assist them in determining their interests and future goals, to help with difficulties in individual classes and to help in developing the skills necessary to be successful students and citizens.

Academic Advising Office
Memorial Student Affairs Building (308) 865-8932
http://www.unk.edu/offices/academic_advising/

Academic Advising is an important part of an undergraduate’s educational experience. All students at UNK are assigned an advisor to assist them throughout their academic careers. A student’s academic advisor can provide him or her with assistance for:

- Class selection and scheduling
- Information about careers and/or graduate school
- Finding UNK resources needed to succeed

All students are required to see their advisors before they can register each semester. Students are strongly encouraged to consult with their advisor any time there are questions or concerns.

The Academic Advising Office assists current and prospective students in a variety of ways:

- Deciding students (those without a major) are advised through the Advising Office.
- Students who want to change or declare their major, minor, or endorsement, or change their advisor need to contact this office.
- Students who want to discuss their options for changing majors can come to the Advising Office.
- The Advising Office also provides a number of academic support programs for students including:
  - The Early Warning Referral system that allows faculty to notify students of poor academic performance.
  - Personal phone calls to students on Academic Probation to provide advice and support.
  - The Partners Achieving Student Success (P.A.S.S.) program which allows students and their parents or guardians to partner for academic success.

Career Services
Memorial Student Affairs Building, Room 140 (308) 865-8501
http://careers.unk.edu/

The Office of Career Services is UNK's primary resource for your career development and job search. Students from all academic departments find assistance as they explore career/major options, graduate/professional schools, and develop strategies to find employment that matches their own unique talents, interests, and lifestyles. We place a high priority on applying a developmental and holistic approach while advising students and alumni.

New students should schedule an appointment with a career advisor during their first year at UNK. Seniors should register early to take advantage of employment referral and interviews.

ASSESS
- Caring Career Counselors
- Career Assessments, On-Line (Call for free password)
- Skills, Interests, Work Values, Personality

EXPLORE
- Career Resource Library/Workshops
- What can I do with a UNK major in ...website

DECIDE
- Evaluate fit with needs/talents
- Put in touch with Department Faculty
- Try out options - job shadowing, informational interviews, volunteering
- Job Outlook
- Salary of new college grads by major/industry

TAKE ACTION
- http://careers.unk.edu
- Three annual Career and Internship Fairs - Over 200+ Employers
- On-Line Job and Internship Listings - Over 1000 daily
- On-Campus Interviews with Employers
- Free and Convenient Resume Critique
- Video-taped Practice Interviews
- Grad/Professional School Tips
- Etiquette Seminars
- Job Search Workshops

Academic Success
Memorial Student Affairs Building Room 163
(308) 865-8214 or (308) 865-8988
http://www.unk.edu/cas

Academic Success is a collaboration of offices that provide academic assistance and other services that support academic and life-long learning for all students. Transition and study skills classes, a computer learning lab, make up exam proctoring, and testing accommodations for students with disabilities are available. Student Support Services is a grant funded program designed for students who meet criteria for participation. Participation is limited to students who work actively with the program that is mandated to enhance academic performance, persistence, and graduation.
Peer Tutoring: Tutoring is available for University of Nebraska at Kearney students. Tutoring is targeted on the General Studies curriculum, and Academic Success will network students to assistance for upper level classes. Qualified upper class or graduate students receive College Reading and Learning Association training as tutors. Tutors are scheduled at various times between 8:00 a.m. and 5:00 p.m. Monday through Friday and from 7:00-9:00 p.m. Monday through Thursday during the regular academic year. Students may also make appointments with tutors if the scheduled hours do not meet their needs.

Math and Chemistry Study Groups: Study groups led by tutors meet from 7:00-9:00 p.m. Monday through Thursday. The study groups are designed to help students work to understand specific questions from their homework, and can also help students with test preparation and general study skills.

University Foundations Classes: This class is recommended for freshman and transfer students. The class is designed to improve student academic performance and persistence as well as to assist with the transition to the University of Nebraska at Kearney. Students learn how to approach new ideas and subjects, how to study topics efficiently, and how to perform better in discussions and on tests. Time management, career exploration, determining a major as well as other important student development topics are included in the class. Students earn three credits in this graded class that may be counted as elective credits toward graduation.

Study Skills Classes: Classes on effective study strategies are available for students who wish to improve their learning techniques and study skills. Modules include: Listening and Note Taking Skills, Study Skills, Vocabulary Expansion, Test Anxiety, Reading Improvement, Spelling Improvement, How to Write a Research Paper, Critical Thinking Skills and Time Management. These short online courses last five weeks. Students wanting personal assistance should contact the Academic Success computer learning lab. These one credit classes will be graded on a credit/no credit basis and may apply towards full time enrollment status, but do not count as credits for graduation. These courses are open to all students who want to enhance their academic skills and success.

Supplemental Instruction: Supplemental Instruction (SI) is a series of peer group review sessions throughout the semester for students in selected courses who want to improve their understanding of the course material in order to improve their grades. A student SI Leader attends class with students and leads students in the review sessions. Students may contact Academic Success for a list of current SI courses.

Additional academic assistance: Students may also benefit from using the Academic Success computer learning lab. The lab is open weekdays and evenings during the academic year. Hours are posted. Academic Success professional staff provide workshops and presentations on various aspects of effective study for classes and campus organizations. The staff is also available for individual consultations for academic strategies and study skills.

Make-up Exam Proctoring and Testing with Accommodations: Faculty may work with Academic Success to schedule makeup testing and testing with accommodations for students.

STUDENT SUPPORT SERVICES
Memorial Student Affairs Building, Room 172 (308) 865-8988
http://www.unk.edu/sss/

Student Support Services (SSS) is a federally funded TRIO program that works with eligible students towards good academic performance, persistence, and graduation. SSS offers a long-term academic support relationship for these students who want a custom-designed package of services. Services for individual students may include:

- Peer, faculty, and professional staff mentoring
- Intense academic transition support for freshmen
- Monitoring grades and enrollment
- Networking to other UNK services
- Information for Financial Aid assistance and links to scholarships
- One-on-one success planning
- Primary advising for deciding students
- Supplemental advising for students who have declared majors
- Connection to access services for students with disabilities
- Concentrated advising, strategies, and monitoring for students with poor academic performance
- Supplemental Instruction to develop more effective ways of studying that transfer to all classes

Students who are first generation (neither parent has completed a four-year college degree), students with low income, students with disabilities, and/or students with a combination of these criteria may apply for SSS. Applications for the program are available at the SSS office, on-line at http://www.unk.edu/sss/, and during enrollment for new students.

Student Support Services also provides a number of opportunities for student involvement:

- Academic workshops and cultural events
- The Scholar Program for students with good academic performance
- Peer mentoring focused on the Freshman year
- Leadership development
- Recognition and awards for academic performance and leadership

STUDENTS WITH DISABILITIES
Memorial Student Affairs Building Room 163 (308) 865-8214

Accommodation Plans, testing accommodations, and coaching for self-advocacy are available through the Academic Success Offices.

Students with physical, learning, psychological and/or other disabilities are protected by the Americans with Disabilities Act, and with documentation by a qualified professional are entitled to reasonable accommodations at UNK. To initiate services, it is the responsibility of admitted students to self-identify and to schedule an appointment at Academic Success to learn about campus and program accommodations and services available to them. The goal at UNK is to develop an academic community accessible to all individuals while encouraging the skills necessary for independence and self-sufficiency.

Additional information is available at http://www.unk.edu/iso.

TESTING CENTER
College of Education Building (308) 865-8054
http://www.unk.edu/acad/testingcenter/index.php

The Testing Center administers computer-based tests such as the CLEP, TSA-SAB, GRE, NBPTS, PRAXIS, and TOEFL. The Center also administers Paper/Pencil tests such as the ACT Residual, DANTES, GRE Subject Tests, LSAT, and PRAXIS. For more information see Academic Resources on page 36.
The University has a strong commitment to enhancing student learning outside of the classroom as well as in the traditional academic setting. Toward this end, a number of programs and services are offered to provide extra-curricular learning opportunities for students. These programs and services address a wide variety of student experiences including living situations, campus involvement, awareness of diversity, leadership development and self awareness.

Intramurals

Cushing Coliseum 119 (308) 865-8849

The Intramural Sports staff would like to take this opportunity to invite you to participate in Intramural Sports. To enhance your university experience it is important to meet people, exercise, compete, and be a part of a fun environment. The friendships you develop may last a lifetime.

It is our sincere hope that you will take advantage of the variety of opportunities offered, such as flag football, indoor soccer, tennis, sand volleyball, volleyball, racquetball, water polo, basketball, wallyball, softball, broomball and ice hockey. We also offer special events, which include putt putt golf, slam dunk, golf, trap shoot, and many others.

If you take advantage of these opportunities, your stay at the University of Nebraska at Kearney will be both educationally and recreationally enjoyable.

We have found that people who participate in intramurals have a great time and are some of the most fun, outgoing people on campus.

Intercollegiate Athletics

Health and Sports Center 103 (308) 865-8514

The program of athletics is designed to provide competitive opportunities for skilled athletes on a level commensurate with their abilities. Opportunity to participate in intercollegiate athletics is considered a privilege which the university provides for the athlete. Men's teams are fielded in baseball, basketball, cross-country, football, golf, tennis, track, and wrestling. Women's teams are fielded in basketball, cross-country, softball, swimming, track, tennis, volleyball, and golf. The University of Nebraska at Kearney is a member of the National Collegiate Athletic Association Division II.

The Nebraskan Student Union

Nebraskan Student Union (308) 865-8523

The Nebraskan Student Union provides facilities, programs, services, and conveniences designed to meet the individual and collective needs of the University of Nebraska at Kearney. Services and programs of the facility are intentionally planned to foster out-of-class learning, leadership, and social interaction for UNK students and the university community.

The Student Union contributes to learning experiences and leadership development through scheduled programs and special events, as well as through volunteer and employment opportunities.

The Nebraskan Student Union strives to broaden the academic experience of students by providing educational and co-curricular experiences outside of the classroom with speakers, performing artists, and cultural programs. By creating meaningful experiences for students that support their academic endeavors and that enrich the quality of campus life, the Nebraskan contributes to the excellence of the University.

The Nebraskan Student Union includes:

- Welcome Desk
- 24-hour Computer Lab
- Convenient E-mail Stations
- Campus Cuts Hair Salon
- Antelope Bookstore
- Fitness Center
- Starbucks Coffee Shop
- Coyote Jacks
- Bamboo Express
- Taco Bell
- Posters 'n More
- Union Directors Office
- UNK Card Office
- Loper Express
- Automatic Teller Machine
- Student Organization Offices
- Third story meeting suites overlooking Foster Field

Multicultural Affairs

Nebraskan Student Union, Room 116 (308) 865-8127

The Office of Multicultural Affairs partners with university departments to administer programs and services that foster and develop a supportive environment for students, promote a multicultural climate conducive to the educational achievement of all students, and encourage a global perspective of learning for the UNK population.

Residential and Greek Life

Conrad Hall (308) 865-8519

The Office of Residential and Greek Life is responsible for the residential services and many of the activities and programs available to students living on campus. One of the largest departments on the UNK campus, "R & GL" coordinates not just the housing assignment and maintenance of the physical aspects of the housing facilities, but also a broad range of educational, cultural, recreational, and social programs. Living on-campus housing assists students in gaining a better understanding of other life styles and cultures. The on-campus experience can be one of the best aspects of a student's collegiate career. These opportunities for interactions ensure the quality of students' on-campus experience. Approximately 2,280 students live on campus in six traditional residence halls, two semi-suite style halls, one suite-style hall, two Greek complexes, and one apartment-style hall. Each housing facility is supervised by a live-in Hall Director, and is staffed by live-in Resident Advisors on the floors. Most residence facilities feature several lounges, study areas and recreational spaces for student interaction and involvement. Each hall also has computer labs, kitchens, laundry, and recreational equipment available for residents to check out at their hall's front desk. The hall computer labs are networked to the UNK mainframe and are available exclusively for on-campus students.

A variety of specific living environment options are available to students. Each room is furnished with desks, chairs, window coverings, dresser space, beds/mattresses, mirrors, closets, cable TV, local telephone service, and internet connection. From their rooms, students may access...
email, library resources, course syllabi, online registrations and other personal information via the internet. Students furnish bed linens, blankets, pillow, towels, and items to personalize their room.

Some students are interested in floors designed for particular student interest groups. Several environments are available as options, and as student interest merits: An Honors Hall, Sorority and Fraternity “Houses,” Co-Ed by Room/Suite, Single Rooms (at an additional charge) and Learning Communities coordinated by the College of Education and the Dean of Student Life. All options are noted on the Housing Contract. Detailed information is available by contacting the Office of Residential and Greek Life.

Greek Chapter House: Being a member of a Greek organization will open doors to success in leadership, scholarship and the Kearney community. A student must be a member of a Greek organization to live in a chapter house. For more information contact the Office of Residential and Greek Life.

Block, 10+ and 14+ Meal Plans: The “+” plans (also known as “point plans”) can work like cash at both cafeteria and non-cafeteria food service sites across campus. These meal plan options make it possible to add a flexible food points aspect to more traditional 10, 15, or 20 meals-per-week plans. These options combine the indicated number of standard meals (10 or 14 meals per week) with $100 per semester worth of food points. Points do not carry over from semester to semester and points cannot be refunded if you change from or drop your 10+ or 14+ meal plan. Points can also be purchased, at any time, independently of or in addition to any meal plan. To purchase Loper Dollars independently or in addition to the above plans, please contact the UNK Finance Office (308) 865-8524.

Break Housing: Most residence halls will be closed during the Thanksgiving, Winter and Spring breaks and students must find alternate off-campus housing during these periods. Students may stay in designated halls during break periods for an additional non-refundable fee. Detailed information about break housing is available at the Office of Residential and Greek Life.

Student Code of Conduct

All members of the academic community have the responsibility to create and support an educational environment conducive to the basic purposes of the University. A student who chooses to enroll at UNK assumes the obligation for conduct that is compatible with the University’s mission as an educational institution. While students have the privilege to enroll at the institution of their choice, choosing to enroll at UNK requires a student to become aware of, and to abide by the behavior standards of UNK. Lack of awareness of the Student Code of Conduct is not a basis for excusing inappropriate behavior. For the full text of the Student Code of Conduct see Student Handbook.

Student Organizations

http://www.unk.edu/student life

At the University of Nebraska at Kearney, the possibilities for outside class involvement are endless. Students can discover organizations that best suit their academic major or personal interest. For further information, contact the Nebraskan Student Union Office at 865-8523 or http://www.unk.edu/studentlife/student_org/.

Academic/Professional Organizations

- Accounting Society
- Advertising/Public Relations Club
- Agricultural Business Association
- Alpha Eta Rho
- American Marketing Association

Student Life and Activities

- Association for Computing Machinery
- Association for Information Technology Professionals
- Beta Alpha Psi Club
- Biology Club
- Boutwell Tax Society
- Chemistry Club
- Construction Management Organization
- Criminal Justice Club
- Elementary/Early Childhood Education Majors Club
- Family Studies Organization
- Geography Club
- Health Science Club
- History Club
- Industrial Distribution Organization
- Kearney Student Speech, Language and Hearing Association
- Locke and Key - Political Science
- Middle Level Educator’s Club
- Model United Nations
- Music Educator National Conference
- National Art Education Association, Student Chapter
- National Kitchen and Bath Association
- Pharmacy Club
- Physical Education Majors Club
- Psychology Club
- Recreation Majors Club
- Renaissance Club
- Society for Human Resource Management
- Society of Physics Students
- Sociology Club
- Sports Administration Majors Club
- Student Athlete Advisory Committee
- Student Athletic Trainers
- Student Education Association of Nebraska
- Student Interior Design Organization
- Student Nurses Association
- Student Social Work Organization
- Students in Free Enterprise
- Students in Mass Media (SIMM)
- Telecommunications Networking Organization
- Travel and Tourism Club
- UNK Art Society
- Wildlife Society

Broadcasting, Radio, and TV

- KFTW-TV
- KLPR-FM

Campus Ministries

- Campus Crusade for Christ
- Campus Lutheran
- Chi Alpha
- Christian Student Fellowship
- Cooperative Campus Ministries
- Fellowship of Christian Athletes
- Good Shepherd Campus Ministry
- The Navigators
- Newman Center
- Overflow
- Roger Williams Fellowship
- United Campus Ministry
- University Lutheran Chapel

Campus Recreation

- Intramural Sports Council
- Spirit Squad (Cheer and Dance)

Choral Groups

- Choraleers
- Men’s Chorus
- Music Theatre
- Nebrasks
- University Vocal Collegium
- Women’s Chorus
Student Life and Activities

Greek Organizations

Fraternities
- Alpha Tau Omega
- Delta Tau Delta
- Phi Gamma Delta
- Pi Kappa Alpha
- Sigma Lambda Beta
- Sigma Phi Epsilon
- Sigma Tau Gamma

Sororities
- Alpha Omicron Pi
- Alpha Phi
- Chi Omega
- Gamma Phi Beta
- Lambda Theta Nu
- Sigma Lambda Gamma

Honorary/Honor Societies
- Alpha Kappa Upsilon Iota - University Union Honor Society
- Alpha Mu Gamma - National Honor Society of Foreign Language
- Alpha Psi Omega - Theatre Honorary
- Chi Sigma Iota - Graduate Counseling Honorary
- Delta Omicron - International Music Honor Society
- Epsilon Pi Tau - Industrial Technology Honorary
- Gamma Theta Upsilon - Geography Honorary
- Honors Student Advisory Board Committee
- Iota Iota Iota - Women’s Studies Honor Society
- Kappa Delta Pi - Education Honor Society
- Kappa Kappa Psi - Marching Band Fraternity
- Kappa Mu Epsilon - Math Honor Society
- Kappa Pi - UNK Art Society
- Lambda Pi Eta - Communication Honor Society
- Mortar Board - Senior Honor Society
- National Residence Hall Honorary
- Omicron Delta Epsilon - Economics Honor Society
- Order of Omega - Greek Honor Society
- Phi Alpha - Social Work Honor Society
- Phi Alpha Theta - History Honor Society
- Phi Beta Delta - International Scholar Honor Society
- Phi Beta Lambda - Business Honor Society
- Phi Eta Sigma - National Freshman Honor Society
- Phi Kappa Phi - Honor Society
- Pi Kappa Delta - Debate Honor Society
- Psi Chi - Psychology Honor Society
- Rho Alpha Sigma - Resident Advisor Honor Society
- Rho Lambda - Sorority Leaders
- Sigma Tau Delta - English Honor Society
- SPURS - Sophomore Honor Society
- Tau Beta Sigma - Marching Band Sorority
- Tau Mu Sigma - Honor Society

Instrumental Groups
- Bands
- Jazz-Rock Ensemble
- Kearney Area Symphony Orchestra
- Marching Band
- Pep Band
- Small Ensembles
- Symphonic Band
- Wind Ensemble

International and Multicultural
- Asian American Student Association
- Chinese Students and Scholars Association (CSSA)
- Cultural Enrichment, Diversity and Equity Council
- Hillel
- Hispanic Student Association
- International Student Association
- Japanese Association at Kearney (JAK)
- Ladies Mix
- Nepalese Student Association at Kearney
- Tribunal Council of African Descent Students

Political Organizations
- College Republicans
- Young Democrats

Publications
- The Antelope Newspaper
- The Carillon

Service Organizations
- Alpha Phi Omega
- Ambassadors
- American Cancer Society-Colleges Against Cancer
- Campus Kitchens
- Circle K
- Collegians for Integration and Accessibility
- Cornerstone UNK
- Friends
- Greeks Advocating Mature Management of Alcohol (GAMMA)
- Habitat for Humanity
- Peer Health Education
- Student Alumni Foundation

Special Interest
- Active Minds
- Antelope Artillery
- Collegiate Veterans Organization
- Dance
- Ducks Unlimited
- Forensics (Speech & Debate)
- Glass and Sculpture Club
- Nontraditional Students
- Rodeo Club
- St. Jude’s
- Student Noise
- Students for Life
- UNK Student Liaisons

Student Activities
- Loper Programming and Activities Council

Student Government Organizations
- Inter-Fraternity Council
- Panhellenic Council
- Resident Advisory Council
- Residence Hall Association
- Residence Hall Governments and Councils
  - Antelope/Nester Hall
  - Centennial Towers East Hall
  - Centennial Towers West Hall
  - Conrad Hall
  - Mantor Hall
  - Martin Hall
  - Men’s Hall
  - Randall Hall
  - Stout Hall
  - University Heights
  - University Residence North
  - University Residence South
- Student Court
- Student Government of the Associated Students

Publications

The Antelope Newspaper: published weekly during the fall and spring semesters, written and edited by students with the advice of a journalism faculty member. Staff positions are available to students for academic credit. The newspaper is used to teach students the role of the press in serving citizens, advancing democracy, and the need for students to build a professional portfolio through reporting, editing and practicing photojournalism. Advertising positions are available to build business skills.

The Carillon: an undergraduate publication jointly sponsored by Sigma Tau Delta, the National English Honor Society, and by Phi Eta Sigma, the National Freshman Scholastic Honor Society. Its purpose is to encourage quality undergraduate writing at the University of Nebraska at Kearney. All students are encouraged to submit manuscripts.
HEALTH AND SAFETY

In order to perform well academically, students need to be in good health and feel safe in the campus environment. UNK strives to provide students with access to high quality health care and to provide a safe campus environment.

Crisis Management
Immediate Resources

The Division of Student Life Office assists students, faculty, and staff with any issues or concerns that may affect a student’s ability to succeed at UNK. Concern for a student may require referral to other resources for specific attention. Refer to the Crisis Management web page for available resources: www.unk.edu/crisis. For immediate assistance call Public Safety or 911.

Public Safety

General Services Building (308) 865-8517 (if no answer, 627-4811)

Public Safety partners with students, faculty, staff and visitors to provide a safe, protected and orderly environment. This is to include, but not limited to, enforces all University policies, state, federal and local laws, providing security, providing crime prevention resources, the safe walk service, and monitoring campus parking. Officers are trained through the Nebraska Law Enforcement Training Academy and are commissioned as State Deputy Sheriffs giving them full arrest powers. For more detailed information concerning Public Safety, go to their website: http://www.unk.edu/offices/pub_safety/index.php.

Copies of the following are available upon request at the Public Safety Office or via the Office of Public Safety website: http://www.unk.edu/offices/pub_safety/index.php.

- The University of Nebraska at Kearney Crime Statistics and Annual Security Report
- Annual Security Report
- Disclosure
- Authority/Working Relationship with State and Local Police
- Reporting of Criminal Activities and Emergencies
- University Notification/Safety Alerts
- Crime Stats
- Drug and Alcohol Policy
- Sexual Misconduct Policy
- Sex Offender Registry and Access to Related Information
- Crime Prevention
- Other Educational Classes
- Access to Campus Facilities
- Maintenance and Security of Campus Facilities
- Preparation of Annual Security Report
- Drug Free Schools and Campus Regulations Report
  - Drug and Alcohol Policy
  - Other Educational Classes
  - Drug and Crime Prevention: Description of Applicable Legal Sanctions Under Federal, State or Local Law for Unlawful Possession or Distribution of Illicit Drugs and Alcohol
  - Drug and Crime Prevention: Description of available drug or alcohol counseling, treatment or rehabilitation or re-entry programs
- Drug Charts (pdf)
- The Sex Offenders Registry Listing

Student Life and Activities 23 09-10

PARKING REGULATIONS SUMMARY

Through the Board of Regents, UNK is authorized to establish and enforce parking regulations and levy penalties to control parking. In order to regulate parking, permits are sold starting the first week in July at the Finance Office in Founders Hall. For information regarding permits, fees, and other parking regulations go to: http://www.unk.edu/admin/vcbf/policy/6.0/index.php?id=9678.

Health Education

Memorial Student Affairs Building (308) 865-8092

The Peer Health Education program provides comprehensive health education to the UNK campus and the Kearney community. It seeks to promote health and wellness and prevent negative consequences from high-risk behaviors by supporting healthy life-styles and risk-free choices in an environment that upholds healthy social norms. UNK students are selected and trained to present educational programs for their peers and community members. Peer Health offers a number of programs on alcohol, tobacco, sexual health and body image. The Health Education program also maintains a drug and alcohol library, participates in National Alcohol Awareness Week activities, coordinates Alcohol Education Class, and conducts research.

Counseling & Health Care

Conveniently located, CHC is inside the Memorial Student Affairs Building (MSAB) in the middle of UNK’s campus. Medical and mental health records are privileged communication and strict policies protect confidentiality. Information from records will not be released without written authorization from the student.

Eligibility for Counseling and Health Care Services: Services at Counseling and Health Care are available for students who are taking seven or more credits hours on campus and/or have paid the semester health fee. Students are required to present a photo ID to access the services of Counseling and Health Care.

Counseling Care

Phone: 865-8248
Hours: Monday - Friday 8:00 a.m. to 5:00 p.m.
Location: Memorial Student Affairs Building,
  South Hallway, Room 144
Website: http://www.unk.edu/offices/counseling/

UNK’s Counseling Care (formerly Counseling Center) provides personal counseling services intended to empower students in making healthy life choices for personal growth and academic success. The American Counseling Association Code of Ethics and Standards of Practice serve as a guide in its provision of services. Strict confidentiality is a core principle. Students who are currently enrolled at UNK may choose to benefit from Counseling Care’s:

- Nationally certified and state licensed, professional counselors
- Individual counseling sessions
- Couple, family, and group counseling sessions
- Support groups on a variety of issues
- Professional referrals to community resources as appropriate

Psychiatrist on site: We are extremely pleased to announce that UNK students now have direct access to a psychiatrist, via referrals through UNK’s Counseling & Health Care professional staff. Dr. Chanel Helgason, MD, psychiatrist, is on campus one day per month and available for office visits for students who have paid their semester health fee.
Student Counseling Services: Counseling provides an opportunity to talk with a trained professional about personal concerns. Each semester’s paid Counseling & Health Care fee covers all sessions. Beginning summer of 2007, a $5 fee will be charged for no-shows. Services provide opportunities to explore oneself and different ways of approaching various individual situations. CHC’s counselors enhance students’ ability to become more successful at solving their own unique personal problems. Counseling may involve exploring relationship issues, stress, academic pressures, homesickness, depression, eating disorders, drug/alcohol abuse, anxiety, grief, sexuality issues (choices, pregnancy, and assault), addictions, and more.

Health Care
Phone: 865-8218
Hours: Health Care is available 8:30 to 3:30 Monday, Tuesday, Wednesday, and Friday and 8:30 to 6:00 on Thursday
Location: Memorial Student Affairs Building, Northwest Door, Room 184
Website: http://www.unk.edu/offices/studenthealth/
UNK’s Health Care (formerly Student Health Services) has been serving students for more than 75 years. Fully licensed and qualified medical and nursing professionals are available to provide primary health care services for UNK students.

Pre-Enrollment Health Requirement Form: All new students, including transfer and graduate students, are required to complete this form (also available online). Students 19 and under need to have a parent’s signature on this form.

The State of Nebraska requires that all students born after 1956 must provide the month, day, and year of two MMR (mumps, measles [rubeola], and rubella) vaccinations. Students may also prove immunity by presenting a rubeola antibody titer test result or documentation of physician diagnosed rubeola disease. Students must be in compliance with these requirements or they will not be permitted to register for classes.

UNK’s CHC strongly recommends that all students living on campus be vaccinated for bacterial meningitis and influenza. Legislation has passed in the Nebraska Unicameral which requires the University of Nebraska System to provide parents and students with information about the meningitis vaccine. This information is received with the housing contract. Both vaccines for meningitis and influenza are available at UNK’s Health Care.

It is federally required that international students and students determined to be at high risk receive tuberculin (TB) skin testing at UNK’s Health Care upon arrival. A chest x-ray is done following a positive TB skin test reading.

Health Care Services: Registered nurses assess all students and schedule appointments with a nurse practitioner or physician as needed. Each semester’s Health Care fee covers office visits with all Health Care clinic providers as well as minor procedures, treatments, and health education. Additional services are available at nominal fees and include:

- Laboratory testing
- Vaccinations
- Allergy injections
- Minor office medical procedures
- Crutches
- Burn and wound care
- Gynecological exams and testing
- Contraception counseling
- Sexually transmitted infections screening

Health Care contracts with physicians from a local primary care clinic for more complex procedures, laboratory, and radiology services. Students evaluated at Health Care and referred to the off-site medical clinic with a written memo will not be charged for the off-site office visit. Usual and customary charges apply for any procedures or diagnostic testing done at this clinic. Current health insurance information is needed to access these services at this clinic.

Health Insurance: All UNK students are expected to (international students will*) have health and accident insurance coverage. A health insurance plan** is available to all students enrolled in 7 or more credit hours per semester. Contact HC to obtain a plan brochure and application.

*International students are required to have health insurance and will be charged for the cost of the insurance plan unless the International Student Services office approves a waiver. The waiver is provided only when the student exhibits proof of current, acceptable coverage.

**Please note that the insurance coverage will not cover all costs. Students desiring complete coverage may carry a supplemental plan of their choice.
COLLEGES

Undergraduate degrees at UNK are offered through the four undergraduate colleges: the College of Fine Arts and Humanities, the College of Natural and Social Sciences, the College of Business and Technology, and the College of Education.

The faculty members of the colleges generally determine and govern their programs, including special admission requirements and degree requirements.

Two of these colleges—the College of Fine Arts and Humanities and the College of Natural and Social Sciences—primarily offer degrees in the traditional academic areas and provide most of the courses for the General Studies Program required of all graduates.

The other two colleges—the College of Business and Technology and the College of Education—primarily offer professional degree programs. The College of Education has special admission requirements. The following are brief descriptions of the goals and missions of each of the colleges.

College of Fine Arts and Humanities

William Jurma, Dean

The College of Fine Arts and Humanities strives to provide students with a strong liberal arts education through a commitment to strong majors in all of its departments and programs. The College seeks to instill the necessity and the centrality of the artistic and humanistic imagination to all students. It is committed to a strong, talented faculty who believe in the traditional humanities, liberal arts, and fine arts, while also training students in the use of modern technologies.

Five departments: Art and Art History, Communication, English, Modern Languages, and Music and Performing Arts, as well as the Philosophy program and International Studies, comprise the College of Fine Arts and Humanities.

College of Natural and Social Sciences

Robert F. Rycek, Interim Dean

The College of Natural and Social Sciences participates fully in the traditional missions of teaching, research, and service. The curriculum provides students with a scientific and humanistic perspective which is necessary for an excellent liberal arts education. Students in the College are encouraged to develop habits of critical thinking, to value academic rigor, to appreciate the complexity and diversity of the human condition and the world around them, and to develop a base of knowledge that will allow them to be successful and responsible members of the community.

The College’s commitment to excellence in teaching is complemented by its commitment to scholarship. Faculty and students in the College engage in research and other scholarly activities to generate knowledge, to learn and practice their chosen professions, to be current in their disciplines, and to create a stimulating learning environment. The overarching goal of the College is to provide students with the best and most challenging education possible. The College includes the departments of Biology, Chemistry, Computer Science and Information Systems, Criminal Justice and Social Work, History, Mathematics and Statistics, Physics and Physical Science, Political Science, Psychology, and Sociology, Geography and Earth Science, as well as the Health Science Programs.

College of Business and Technology

Timothy Burkink, Acting Dean

The College of Business and Technology serves Nebraska and the surrounding region by preparing students to compete in dynamic professional environments and promoting academic, social and economic development. The faculty and staff will achieve this mission by:

• Providing student-centered educational opportunities including experiential learning;
• Advancing knowledge through applied and pedagogical scholarship;
• Providing service to our stakeholders.

Within the College of Business and Technology, dedicated faculty members are engaged in teaching, scholarship, and service activities that are particularly concerned with preparing students for successful careers in positions related to their academic majors within a wide range of organizations.

There are six departments in the College: Accounting/Finance, Economics, Family Studies and Interior Design, Industrial Technology, Management, and Marketing and Management Information Systems. There are four service centers in the College: Center for Rural Research and Development, Nebraska Business Development Center, Center for Economic Education, and the Nebraska Safety Center. The College of Business and Technology also hosts UNK’s Military Science Program.

College of Education

Ed Scantling, Dean

The College of Education provides programs to prepare educators as well as professionals in the speech pathology, community counseling, sports, fitness, recreation and tourism fields. Programs of study have been developed in consultation with advisory committees to meet state and national standards. The faculty is committed to providing quality instructional programs, serving schools and communities. Professional education programs leading to initial certification are designed to develop each student’s knowledge, skills and dispositions related to specific endorsement areas. All programs within the College of Education are committed to preparing morally responsible professionals for a social and political democracy. Our Desired Outcomes for graduates focus on knowledge, skills and dispositions and a commitment to the infusion of technology, diversity and democratic principles.

UNK offers undergraduate programs for the preparation of early childhood, elementary, middle level, secondary, special education and K-12 teachers. Master’s degree programs are offered in curriculum and instruction, special education, instructional technology, elementary and secondary administration, speech-language pathology, school counseling and reading. Specialist programs in school psychology and educational administration are also offered.

The College prepares professionals in sports administration, recreation, exercise science, athletic training, and travel and tourism. A Master’s degree program is offered in community counseling and in speech language pathology.

There are five departments in the College: Communication Disorders, Counseling & School Psychology; Educational Administration; Health, Physical Education, Recreation and Leisure Studies; and Teacher Education. The KASE office, a student support center for educators, is also part of the College of Education.
The University of Nebraska at Kearney is authorized to confer the following baccalaureate degrees:

Bachelor of Arts
Bachelor of Science
Bachelor of Fine Arts
Bachelor of Arts in Education
Bachelor of Science in Education
Bachelor of Music
Bachelor of General Studies

The degrees in education are designed to prepare the student for entry into the profession of teaching. For Graduate Degrees, see the Graduate Catalog.

### Bachelor of Arts Degree

1. All General Studies and general graduation requirements must be met.
2. Foreign Languages
   A. Complete two intermediate or upper level college courses or equivalent competency in a foreign language.
   OR
   B. Students who are admitted to UNK with the Core Requirement of 2 units in the same foreign language completed in a U.S. high school and provide a copy of their high school transcript to their faculty advisor and the Registrar’s Office, may choose to meet this language requirement by completing two introductory courses at UNK (100 and 101, 10 hours) in a single language different than the one taken in high school. Students entering UNK without completing the Core Requirement in high school are not eligible for this option.
   OR
   C. International students, whose native language is not English, may complete six credit hours of English Literature coursework in lieu of the Foreign Languages requirement.
3. Major Program
   A. A major program consisting of 30-36 hours and a minor program consisting of 24 hours of which 18 hours is unduplicated coursework.
   OR
   B. A major program consisting of 30-36 hours and a second major of 30-36 hours of which 24 or 30 hours (respectively) is unduplicated coursework.
   OR
   C. Comprehensive major of 42-62 hours.

Specific program requirements and major-minor requirements are detailed in the Departments and Programs of Study section in this catalog. Students should consult their advisors and/or department chairs.

### Bachelor of Science Degree

1. All General Studies and general graduation requirements must be met.
2. All Science related course requirements must be met.
3. Major Program

### Bachelor of Science in Education Degrees

- Bachelor of Science in Education
- Bachelor of Arts in Education
- Bachelor of Fine Arts
- Bachelor of General Studies

BS Science-Related Course Requirements: Courses listed under the category of BS science-related course requirements must meet the following standards:

- No program shall be required to add BS science-related courses.
- If a program currently has or proposes to add BS science-related course requirements, the maximum number of credit hours that it will be permitted to require is 8 (two lab courses).
- BS science-related course requirements must not be offered by the same department that houses the BS degree.
- BS science-related course requirements may only include courses in which students learn or apply the scientific method of conducting research or solving problems. Typically, this definition applies to courses in math, statistics, or science (natural or social); and BS degree programs are free to determine which math, statistics, or science course/s are suitable requirements for their majors. If a program seeks to require, as BS science-related course requirements, any course/s other than math, statistics, or science, the proposal to alter or create an academic program must explain how the course/s teach students the scientific method of conducting research or solving problems.

### Bachelor of Fine Arts Degree

1. All General Studies and general graduation requirements must be met.
2. The Bachelor of Fine Arts degree, with a comprehensive major in art or musical theatre, is a program of study offering the greatest preparation within the respective subject areas. The BFA degree is a professional degree to prepare the dedicated student of the arts with a sound background in the philosophy of art, and afford the student an opportunity to specialize in the creative/performance area of his/her choice. The BFA degree is also designed for those who intend to pursue the Master of Fine Arts degree.
3. Those who choose the BFA program and also wish to obtain certification for teaching at the elementary, middle school, or secondary levels must complete the education requirements in either music, art or theatre, plus the College of Education requirements, in addition to the BFA requirements.

### Bachelor of Arts in Education and Bachelor of Science in Education Degrees

1. General graduation requirements must be met.
2. All General Studies requirements must be met. Program listings include specific General Studies requirements.
3. Students must complete one field endorsement or two subject endorsements.
4. Students must complete the professional sequence of 30 hours.
5. Students must be admitted to all Teacher Education programs.
Bachelor of Music Degree

1. All General Studies and general graduation requirements must be met.
2. The Bachelor of Music degree is a professional degree designed to provide students with the greatest preparation for music careers in a variety of specialized areas of study. The BM degree is also designed for those who intend to pursue the Master of Music degree.
3. Those who choose the BM program and also wish to obtain certification for K-12 Teaching Field Endorsement (vocal/instrumental) must complete the education requirements in music in addition to the College of Education requirements.

Bachelor of General Studies Degree

The Bachelor of General Studies is an interdisciplinary program. It should not be confused with the General Studies Program, which is a required component in all undergraduate degree programs.

1. All general graduation requirements must be met.
2. All UNK General Studies Program requirements must be met.
3. A Distribution requirement of 45 semester hours must be met.
4. Students must complete a Capstone requirement of 2-6 hours, in addition to electives to total 125 hours.
5. No more than a total of 6 semester hours may be used to meet both the General Studies and the Distribution requirements.
6. At least 30 of the 45 Distribution hours must be upper division courses with 300 or 400 numbering. At least 15 of these upper division hours must be UNK hours.
7. Students must have at least a 2.5 GPA in each of the Distribution areas.
8. Individual programs must be approved by the designated Bachelor of General Studies advisor.

Institutional Requirements

1. A minimum total of 125 semester hours must be earned, of which 40 hours must be in 300 or 400 (Junior/Senior) level courses. Such courses must be taken at a four-year college or university. Courses with numbers lower than 100 will not count toward any degree program.
2. A minimum of 32 semester hours applicable to the selected degree program must be earned through UNK.
3. Correspondence study applicable to any undergraduate degree is limited to a maximum of 12 semester hours, regardless of source or institution awarding the correspondence course credit.
4. Graduation is dependent upon a minimum grade point average (GPA) of 2.0 “C” considering all courses taken at any University of Nebraska campus. This minimum GPA must also be earned in all courses needed to fulfill competency requirements within a comprehensive major, or within the major and minor programs of study, or within the endorsement areas in teacher education programs. Individual departments, however, may establish higher minimum standards.
5. Students must complete a minimum of 45 hours of General Studies courses and must complete all requirements for their major/minor and endorsement areas.
6. Students who have completed an undergraduate degree and wish to earn a second different bachelor’s degree may do so only upon completion of 30 additional hours beyond the minimum required for the first degree.
7. Since all degrees require at least one mathematics course, it is strongly recommended that students start taking their mathematics courses no later than the second semester of their freshman year.
8. Students who matriculate at UNK during fall 2007 or thereafter are required to complete 6 hours of Writing Intensive (WI) and 6 hours of Cultural Diversity (CD) courses. Academic departments have designated a minimum of 3 hours as WI within each program of study. Designated courses will serve as the basis for writing assessment within the program.

Writing Intensive Courses are designed to further develop writing skills. In general, writing intensive courses (1) provide students with the opportunity to revise their written work in order to develop their writing skills and (2) use a grading system in which a significant portion of the student’s grade is based on written work. Courses which meet this requirement are designated WI in the class schedule. NOTE: ENG 101GS and ENG 102GS DO NOT apply to this requirement.

Cultural Diversity Courses are designed to enhance an understanding of cultural diversity. In general, cultural diversity courses expose students to the experiences and values of groups and cultures which have been underrepresented in portrayals of American life. Courses which meet this requirement are designated CD in the class schedule.

Students who matriculated prior to fall 2007 will continue to follow the WI/CD requirements in place for their catalog year. Students are encouraged to consult their degree audit or contact the Registrar’s Office for assistance.

Graduation Procedures

1. Application for a degree must be made either through the Student’s WebEAS! account or at the Office of Student Records and Registration.
2. Students must have all degree requirements completed prior to participating in a commencement ceremony.
3. A student planning to be graduated at the end of the first semester must make application no later than September 15; one planning to be graduated at the end of the second semester must make application no later than February 1; and one planning to be graduated at the end of the summer session must make application no later than June 15.
4. Students applying on or before the above deadlines will be assessed a $25 Graduation Fee. Applications received after the above dates and until October 7 for Fall commencement, February 15 for Spring commencement and June 30 for summer will be assessed a $40 Graduation Fee. Students wishing to apply for candidacy after the second deadline must appeal to a review board consisting of the Senior Vice Chancellor for Academic Affairs and the College Dean.
5. All incomplete grades and all academic obligations outside of the term’s work must be resolved prior to the date of graduation or other arrangements must be approved by the Office of Student Records and Registration to allow the student to continue with the graduation process. A student must be enrolled in all remaining course work required for the degree in order to be considered for candidacy. If all degree requirements are not completed by the anticipated graduation date, then the student must re-apply and again pay the $25 fee in order to graduate.
6. The catalog in effect at the time of initial enrollment determines degree requirements. Students must fulfill the requirements stated in that catalog or they may elect to substitute the requirements in any subsequent catalog published while they are enrolled at UNK. All requirements for a student’s program of study must be from a single catalog.
7. If a student takes longer than five calendar years to complete a degree, UNK reserves the right to require the student to meet the most recent requirements for graduation. Curriculum changes or modifications require that all new program requirements be met regardless of course work previously completed.
REGISTRATION BY WEBEASI
Students register for classes using WebEASI, the interactive web interface. This system allows students to register, drop and add classes, check an existing class schedule and obtain information on registration holds and grades. WebEASI also offers access to address information, the complete schedule of classes, account balance, transcripts, degree audit and financial aid. To access WebEASI go to http://webeasi.unk.edu. See the current published class schedule for upcoming registration dates and complete registration instructions.

EARLY REGISTRATION
Currently enrolled UNK students can register early for the upcoming semester. All students must meet with their assigned academic advisor prior to registering for classes during the early registration period. The registration system will not allow these students to register until they have consulted with their advisor. The published class schedule contains specific registration procedures and appointment times. Students are encouraged to use WebEASI to check for any "holds" (fines, outstanding fees, other obligations) that might prevent them from accessing the registration option.

OPEN REGISTRATION
Open Registration precedes the beginning of classes for the semester. Any admitted student can register during this time. A new student or a former student who has not attended University of Nebraska at Kearney for two years or more (four years for graduate students), must complete an admission/ readmission form at the Admissions Office (undergraduates) or at the Graduate Office (graduates) prior to registration.

For specific details regarding dates, locations, and procedures, students should refer directly to the appropriate Class Schedule published each semester and for the summer session by the Office of Student Records and Registration.

LATE REGISTRATION
Initial registration after the first week of the semester (Fall or Spring) or after the first class day (Summer) is considered late and a $15 late fee will be charged. In order to process a late registration, students must have written permission from the instructor of each course for which they wish to register and they must complete their registration at the Registrar’s office, Founders Hall from 8:00 am to 4:00 pm. Tuition and all fees are due at the time of registration and failure to pay at that time will result in late charges and prepayment for future terms.

Beginning the third week of the semester or the third day of a summer class, students wishing to register must have permission from the course instructor, department chair, and the dean of the college for each class in which they plan to enroll. Students cannot register for full semester classes following the fourth week of the term.

SUMMER ADVISING AND ENROLLMENT
Admitted students beginning their academic career at UNK will find pertinent information at the required one-day summer advising and enrollment. Students’ parents are also encouraged to participate in the day’s activities to learn about UNK’s academic expectations and methods to maintain academic success. Admitted students will meet one-on-one with skilled academic advisors to select classes and register for the fall semester. Registration materials will be mailed approximately April 1. Reservations can be made with the Office of Admissions, (308) 865-8526 or 1-800-KEARNEY.

FALL ORIENTATION
Prior to the beginning of classes, first time students are required to participate in an organized schedule of interesting and informative events that will assist their transition into student life at the University. Presenters include an array of student personnel administrators thus allowing students to not only meet the people who will be assisting them with a successful university experience, but who will also be equipping them with the tools necessary to flourish. Faculty also participate in the orientation, and students are re-introduced to the academic support units that are available to them. Additional information can be obtained from the Office of Residential and Greek Life, (308) 865-8519.

Student Load
The unit of credit for work at UNK is the semester hour.

1. Twelve to sixteen credit hours each semester is considered a normal class load during the academic year for full-time undergraduate students. Up to eighteen credit hours may be taken by undergraduate students without petitioning for an over-load.

2. Undergraduate students wishing to carry more than eighteen hours must meet these requirements: (a) students requesting nineteen or twenty hours must have at least a 3.0 cumulative GPA; (b) students requesting more than twenty-one-hour loads must have a cumulative average of 3.2. Requests for exceptions to this policy must include the written approval of the student’s faculty advisor and be submitted to the Registrar for approval. The Registrar must approve all requests to register for nineteen credit hours or more.

3. Nine credit hours each term is considered a full-time load for graduate students. Graduate students seeking a class load in excess of twelve credit hours shall obtain an over-load approval from the Graduate Office prior to registration. Requests for exceptions to this policy must be approved in writing by the student’s faculty advisor and the Graduate Dean.

4. The following restrictions govern student course loads for the twelve-week summer session. Students may enroll in:
   a. A maximum of 6 hours per each four-week segment.
   b. A maximum of 9 hours per each eight-week segment.
   c. No more than 15 undergraduate or 12 graduate hours during the entire twelve-week summer session.

Approval for credit loads in excess of normal limits shall require a minimum 3.2 cumulative GPA, and shall be confirmed by written authorization from the appropriate faculty advisor, Academic Dean, Graduate Dean, or the Office of Student Records and Registration. All in all, a graduate student may earn no more than twelve hours of credit during the summer session.

Student Classification
Students are classified according to the following levels:
Freshmen: 0 to 27 credits
Sophomores: 28 to 57 credits
Juniors: 58 to 88 credits
Seniors: 89-over
Graduate: Students who have a bachelor's degree or higher
**Change of Schedule (Drop/Add)**

Students may adjust their schedules (drop and/or add classes) using the WebEASI Registration System through the **FIRST** week of the semester. After that date students must obtain a Change of Schedule (drop/add) form from the Office of Student Records and Registration, have the instructor sign the form and return it to the Office of Student Records and Registration for processing.

Students MUST file an official Change of Schedule form and complete the procedure outlined above in order to change their registration. Failure to attend class does **NOT** constitute a drop and does **NOT** cancel the student’s registration or his/her obligation to pay all tuition and related fees for the course.

A student dropping a course after the first week of the semester and any time prior to the end of the ninth week of the semester will be awarded a "W." For courses of duration other than a semester, a student dropping a course after the first day of the class and any time prior to the end of the midpoint of the class duration (e.g., the end of the fourth week of an eight-week summer session course) will be awarded a "W."

The instructor’s signature is required on the Change of Schedule form. Forms are available at the Office of Student Records and Registration and, when completed, must be returned to the Office of Student Records and Registration. The "W" will appear on the student's transcript.

An “F” will be reported if a student stops attending class and neither officially withdraws from the course prior to the appropriate deadline nor establishes, prior to the end of the term and to the satisfaction of the instructor, that extenuating circumstances prevented completion of the course. If the instructor determines that such extenuating circumstances were present, an "I" (incomplete) may be recorded on the student’s grade report and transcript.

A student may not drop a course after the 9th week of the semester (or midpoint of the class) unless highly unusual, extenuating circumstances (beyond the student's control) are established to the satisfaction of the Senior Vice Chancellor for Academic and Student Affairs (undergraduates) or the Graduate Dean (graduates).

A student may not withdraw from a course after the semester/session in which the course was taken has ended.

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**Withdrawal from the University of Nebraska at Kearney**

A student wishing to withdraw from the University and all classes may do so via WebEASI Registration system through the first week of the Fall or Spring semester or prior to the start of the summer term. After that time, the student must complete the appropriate withdrawal form to cancel his/her registration.

The withdrawal form is available from the Office of Student Records and Registration for the UNDERGRADUATE student and from the Graduate Office for the GRADUATE student. The same procedure and time deadline will be followed as that for dropping a course. The Office of Student Records and Registration and the Graduate Office are located in Founders Hall.

Students may not withdraw after the ninth week of the semester (or after the midpoint of a course with a duration other than a semester) unless extenuating circumstances exist, in which case the student may receive a "W." Extenuating circumstances are defined as circumstances occurring following the end of the ninth week of a semester or the midpoint of a course and beyond the control of the student which, in the judgment of the Senior Vice Chancellor for Academic and Student Affairs or the Graduate Dean in consultation with the Withdrawal Committee, constitute appropriate cause for withdrawal without penalty.

A student may not withdraw from a class after the semester or session in which the class was taken has ended. The University reserves the right to exercise an administrative withdrawal. Administrative withdrawals

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**Refunds**

The refund schedule for on-campus classes is as follows:

### Full Semester On-Campus, Off-Campus, Evening Classes

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Tuition Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>First week</td>
<td>100%</td>
</tr>
<tr>
<td>Second week</td>
<td>75%</td>
</tr>
<tr>
<td>Third week</td>
<td>50%</td>
</tr>
<tr>
<td>Fourth week</td>
<td>25%</td>
</tr>
<tr>
<td>After fourth week</td>
<td>NO REFUND</td>
</tr>
</tbody>
</table>

**NOTE:** Fees are refundable at the same rate as tuition. There may be a $35.00 administrative fee assessed whenever 100% refund is given for complete withdrawal from all classes. Short term classes will follow a prorated refund schedule. A class cannot be dropped past the midpoint of the class. Students withdrawing from UNK and receiving federal or state need-based aid should see Return of Title IV Funds.

### Summer Sessions

Refunds are based on the date/time that the completed drop form is returned to the Office of Student Records and Registration for processing. There are no refunds past the midpoint of the class.

**Classes meeting 4 days per week for 8 weeks**

- Before 5th class meeting: 100%
- Before 8th class meeting: 50%
- Before 11th class meeting: 25%
- From 11th class meeting to midpoint: NO REFUND

**Classes meeting 4 days per week for 6 weeks**

- Before 4th class meeting: 100%
- Before 6th class meeting: 50%
- Before 8th class meeting: 25%
- From 8th class meeting to midpoint: NO REFUND

**Classes meeting 4 days per week for 4 weeks**

- Before 3rd class meeting: 100%
- Before 4th class meeting: 50%
- Before 5th class meeting: 25%
- From 5th class meeting to midpoint: NO REFUND

...and any other classes without a designated meeting time.

**TBA and Online Classes**

The following refund schedule is in effect for all online (web-based) classes, all To Be Arranged (TBA) classes and any other classes without a designated meeting time.

<table>
<thead>
<tr>
<th>8 Week Classes</th>
<th>5-6 Week Classes</th>
<th>3-4 Week Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before 5th day - 100%</td>
<td>Before 4th day - 100%</td>
<td>Before 3rd day - 100%</td>
</tr>
<tr>
<td>Before 8th day - 50%</td>
<td>Before 6th day - 50%</td>
<td>Before 4th day - 50%</td>
</tr>
<tr>
<td>Before 11th day - 25%</td>
<td>Before 8th day - 25%</td>
<td>Before 5th day - 25%</td>
</tr>
<tr>
<td>11th day to midpoint - 0%</td>
<td>8th day to midpoint - 0%</td>
<td>5th day to midpoint - 0%</td>
</tr>
</tbody>
</table>

*Please note that the summer term at UNK is based on classes meeting 4 days per week so the refund schedule adheres to that format.

**NOTE:** For classes that do NOT conform to the parameters listed above, the correct refund will be calculated by the Office of Student Records and Registration. Questions regarding refunds should be directed to the Office of Student Records and Registration; Founders Hall, (308) 865-6527.
Course Numbering

The number by which a course is designated is intended to indicate the relative level of the course. A student will generally choose courses within his/her classification, but may elect courses of one rank above or below his/her classification upon the counsel of his/her advisor. The following numbering system should be useful to students in planning their respective programs:

Lower Division Courses:
Freshman courses are numbered from 100-199.
Sophomore courses are numbered from 200-299.

Upper Division Courses:
Junior courses are numbered from 300-399.
Senior courses are numbered from 400-499.

Courses numbered lower than 100, e.g., Math 090, LNSK 075, do not count toward degree programs or graduation credits.

A minimum of 40 semester hours of upper division credit is required for the bachelor’s degree. Such 300/400 level courses are offered only by four-year colleges and universities.

Graduate Division Courses

Graduate courses are numbered from 800 to 999. A senior student pursuing graduate coursework while completing an undergraduate degree is considered an undergraduate student. Students requiring 15 hours or fewer for the bachelor’s degree, with an undergraduate GPA of 3.0 or above and with written approval from their advisor may be allowed to register for graduate courses pending the approval of the Graduate Dean. However, students will not be allowed to register for more than 6 semester hours of graduate courses in the semester, and the maximum load of undergraduate and graduate hours may be no more than 12 hours.

Students must also meet all prerequisites of the graduate course and obtain the permission of the instructor to enroll. Graduate courses taken to complete requirements for the bachelor’s degree may not be used subsequently to satisfy requirements for a graduate degree. However, graduate courses not applied on the baccalaureate degree may be applied toward a graduate degree. No more than 9 hours of graduate coursework may be completed prior to completion of the undergraduate degree.

Grading System

TRADITIONAL GRADING / SCHOLARSHIP QUALITY POINTS

The following traditional grade indices are used in descending order with “F” indicating academic failure. Letter grades carry weighted scholarship points per credit hour attempted as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.00</td>
</tr>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Weighted scholarship points are not awarded for courses graded on the credit/no credit system. “W,” awarded as a result of withdrawing from a course prior to completion, is not computed in the GPA. (Also see sections on withdrawal, change of schedule, grade average computation and repeated courses.)

GRADE POINT AVERAGE (GPA) COMPUTATION

Grade point averages are computed for each term and accumulated for the duration of attendance. Credit hours accepted in transfer from institutions outside the University of Nebraska, or hours resulting from a competency-based assessment, and credit hours earned at UNK under the credit/no credit grading system are excluded in grade average computations. Withdrawals from courses resulting in a “W” and incompletes “I” are disregarded in deriving grade point averages. All other letter grades are used in computing grade averages. Grades earned in courses taken at another campus of the University of Nebraska after July 1, 1991, will be used in calculating the students cumulative University/UNK GPA. The Office of Student Records and Registration must be notified by the student if a course is retaken in order to remove an earlier grade in that course, and to initiate a new computation of the cumulative GPA based on the most recent grade earned for that course.

Grading Options

In addition to traditional grading (“A” - “F”) a student may opt to be graded in registered courses by credit/no credit, or audit. Credit/No Credit and audit grading options must be declared at the time of early registration or open registration if early registration is not utilized. Tuition rates and related fees are identical for each of these grading options. Grading options cannot be changed after the first week of the fall and spring semesters or the first class day of a summer class. Each option is described as follows:

CREDIT/NO CREDIT

A student may elect one course each semester (a summer session is considered as a semester) for which he/she chooses to be graded on the basis of credit/no credit. A student must declare the grading option at the time of registration. The credit/no credit refers only to the final grade in the course as recorded by the Registrar. Nothing will change in the content of the course and the course examinations. When a student completes the course, he/she will receive a letter grade. If that grade is at least a “C” the student will receive the appropriate hours’ credit. If the letter grade is “C-” or lower, the student will receive no credit for the course. In either case, the student’s GPA will not be affected. This grading system is at the option of the student, but will operate with the following restrictions:

1. The option is available only to students who have completed 28 semester hours and are in good academic standing.
2. The student must have met all of the prerequisites required for enrollment in the course chosen.
3. The course chosen cannot be used to meet major, comprehensive major, minor, or endorsement area requirements.
4. The student may choose only one course per semester, unless it is an established function of the course, to be taken on a credit/no credit basis.
5. A maximum of 18 credit hours may be taken on a credit/no credit basis.
6. Students wishing to declare a course CREDIT/NO CREDIT must do so at the Office of Student Records and Registration by the end of the first week of the semester (Spring or Fall) or by the end of the first class day (Summer).
7. The CREDIT/NO CREDIT grading option cannot be changed after the first week of the semester.
The responsibility for assuring that the student satisfies the above restrictions lies with the student and his/her advisor. The actual granting or withholding of credit is the responsibility of the Registrar’s Office.

AUDIT GRADING
Audit grading does not result in the accumulation of credit hours applicable to a program of study. No audited course may be subsequently granted credit unless it is repeated as a re-registered course under the traditional grading option.

Auditing is generally limited to one course per semester, but is not specifically limited to a cumulative total. Auditing may be opted without regard for the student’s classification. Students who wish to audit a course must complete a request form at the Office of Student Records and Registration by the end of the first week of the semester (Fall or Spring) or by the end of the first class day (Summer).

Incomplete Removal
All course work assigned must be completed before a grade is awarded. The mark of “I” (Incomplete) is reserved for conditions in which a student has been unable, due to circumstances beyond his/her control, to complete the course by the end of the term. Unless an extension of time is granted in writing by the Office of Student Records and Registration, an incomplete must be removed within twelve calendar months. If the coursework is not completed during this time then the “I” will convert to an “F” on the student’s transcript and cannot be changed other than by re-registering for the course.

If an extension is desired, the student must initiate a written request for a specific time of extension, must exhibit extenuating circumstances beyond his/her control, and must make the request in advance of the twelve-month expiration. The request must be supported by a written endorsement from the course instructor, or the department chairperson in the absence of the instructor, and submitted to the Office of Student Records and Registration prior to the expiration of the twelve month period.

Repeated Courses
Students may repeat courses to improve their GPA or to update their skills. When a course is repeated, the latter grade stands and is factored in the GPA regardless of the grade received. However, a grade of “NC” (no credit) cannot be used to replace a letter grade previously earned. After the second grade is awarded, the first grade is removed from the student’s grade point average. The original course and grade remain on the student’s transcript with the notation “Repeat (Excluded from GPA).”

Whenever a student repeats a course for a better grade, he/she must notify the Office of Student Records and Registration. When notification is received prior to the end of the semester, the results of the repeated course will be reflected in the student’s final grade report. Credit can be issued only once for a repeated course.

Courses designed to be repeated, where additional hours may be earned, are not eligible for the re-registration option. Such courses include, but are not limited to, Independent Study, Practicum and Internships. Courses assigned a subtitle can only be considered for re-registration if the student enrolls in the course under the same subtitle.

Grades earned in equivalent courses taken at another campus of the University (UNL, UNO, UNMC) may be used to replace a grade earned at UNK. Only those courses identified as University equivalents by the academic departments and listed in the UN Equivalency Guide may be considered under this policy. No other substitutions will be allowed. Courses taken outside the University of Nebraska system cannot be used to replace a grade earned at UNK.

Non-Traditional Credit
Credit earned through non-traditional means, including CLEP, AP, departmental test-out, retroactive credit, correspondence study, military credit, and non-collegiate instructional programs, is limited to a maximum of 45 hours applicable to the student’s degree program. Limits have also been established within each of the areas as defined below.

Departmental Test-out..................................15 hours Students may receive credit for successfully demonstrating competency in a particular course through a proficiency exam. Academic departments assume responsibility for developing and administering such exams.

Retroactive Credit........................................15 hours Students entering UNK with a particularly high level of achievement in a given subject area, may be awarded credit upon completion of a “confirming” course at UNK. Restrictions apply.

Military Credit.............................................15 hours Students who have completed military training, including Basic Training, may receive credit for their experiences based upon the recommendations of the American Council of Education in The Guide to the Evaluation of Educational Experiences in the Armed Services.

Correspondence Courses................................12 hours No more than 12 hours of correspondence credit may be applied to a bachelors degree.

AP - Advanced Placement............................30 hours Talented high school students may participate in national examinations administered by the College Entrance Examination Board. Credit can be earned in college-level courses when the student achieves a passing score on the exam. (See Advanced Placement and Credit by Examination.)

CLEP - College Level Examination Program ........30 hours Students may earn credit by successfully passing a nationally standardized exam in a specific subject area. (See CLEP Test-University of Nebraska at Kearney.)

Other forms of experiential learning will be evaluated on an individual basis. Students will be required to provide verification of content, duration, method of evaluation, etc. Credit may be granted upon recommendation of an academic department.

ADVANCED PLACEMENT AND CREDIT BY EXAMINATION
A student entering the University with a particularly thorough background from high school may apply for advanced placement and/or credit in one or more subjects in which his/her preparation is superior. Advanced placement and/or credit may be achieved by three different methods. Each of the three methods is described as follows:

1. Passing a proficiency examination administered by an academic department of UNK.
   Where exceptional circumstances warrant, a student may receive credit by demonstrating a superior level of competence on a proficiency-based examination.

2. Assessment of a student’s competence may assume a variety of formal and informal techniques as designed by the department and shall be subject to the approval of the department head and dean of the college.

3. A fee is assessed for each course examination before credit is awarded. A student may not take an examination for credit in any course which (1) is a prerequisite, (2) has a lower level of required proficiency, or (3) involves significantly similar content to courses completed.
2. **Earning a prescribed grade on an Advanced Placement Program examination administered by the College Entrance Examination Board.**

Recognition of special competencies by the College permits a student to receive Advanced Placement and college-level credit for satisfactory performance on subject matter proficiency tests of the College Entrance Examination Board. Credit will be granted for those College courses most nearly equivalent to the Advanced Placement tests. An applicant who has taken an Advanced Placement examination should request that his/her score be reported to the Office of Student Records and Registration.

Advanced Placement examinations are recognized in the following areas: American History, Biology, Business, Chemistry, Computer Science, Economics, English, European History, French, German, Mathematics, Physics, Political Science, and Spanish. For a complete list of Advanced Placement Test credit and scores, visit the website of the Office of Student Records and Registration at [http://www.unk.edu/offices/registrar/handbook/index.php?id=14661](http://www.unk.edu/offices/registrar/handbook/index.php?id=14661). A student may not take an examination for credit in any course which (1) is a prerequisite, (2) has a lower level of required proficiency, or (3) involves significantly similar content to courses completed.

3. **By demonstrating proficiency in subject areas selected by successfully completing the College Level Examination Program (CLEP).**

The University of Nebraska offers students an opportunity to earn college credit in selected areas by demonstrating proficiency in subject areas by completing the College Level Examination Program (CLEP). Academic departments which have approved the program will grant credit for CLEP tests to those students who pass the test at the 50th percentile or above, according to the national norms. A fee of $90.00, with $65.00 payable to CLEP and $25.00 payable to UNK, is charged for each test. For additional information regarding the CLEP examination, contact the Office of the Student Records and Registration.

Credit may be obtained through the College Level Examination Program on courses listed below:

A student may not take an examination for credit in any course which (1) is a prerequisite, (2) has a lower level of required proficiency, or (3) involves significantly similar content to courses completed.

**CLEP TEST-UNIVERSITY OF NEBRASKA AT KEARNEY**

<table>
<thead>
<tr>
<th>CLEP Exam</th>
<th>Course Equivalent</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>PSCI 110GS</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL 103GS</td>
<td>4</td>
</tr>
<tr>
<td>Calculus</td>
<td>MATH 115</td>
<td>5</td>
</tr>
<tr>
<td>College Algebra</td>
<td>MATH 102</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHEM 160GS, CHEM 160LS, CHEM 161GS, CHEM 161LG</td>
<td>8</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>BACC 250</td>
<td>3</td>
</tr>
</tbody>
</table>

**RECORDING CREDIT FOR TEST-OUT**

Students who achieve a satisfactory score on any of the following exams, CLEP, AP, Departmental Test-Out or Retroactive Credit, may have corresponding course credit recorded on their UNK transcript by paying a fee of $20 per credit hour. When score reports are received by the Office of Student Records and Registration, students are notified of their options for receiving credit.

**Academic Requirements**

All students should maintain a 2.0 cumulative GPA for work taken at this institution. If a student’s cumulative GPA falls below the following limits, he/she will be placed on academic probation:

<table>
<thead>
<tr>
<th>Credits Attempted</th>
<th>Minimum Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-16</td>
<td>1.00</td>
</tr>
<tr>
<td>17-32</td>
<td>1.50</td>
</tr>
<tr>
<td>33-48</td>
<td>1.65</td>
</tr>
<tr>
<td>49-64</td>
<td>1.80</td>
</tr>
<tr>
<td>65-80</td>
<td>1.90</td>
</tr>
<tr>
<td>81 &amp; Above</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Unless special permission is granted, students on academic probation must carry less than 16 hours. Offices of Academic Advising, Academic Success, Counseling Care and Multicultural Affairs work individually with probationary students to help them meet their individual needs. Students who do unsatisfactory coursework (probation) for two consecutive semesters are suspended for one academic year; however, they may enroll for classes during the summer term.

Graduation is dependent upon a minimum GPA of 2.0, utilizing earned grades of all courses taken while pursuing an undergraduate degree. This minimum GPA must also be earned in all courses needed to fulfill competency requirements within a comprehensive major, or within the major and minor programs of study, or within the endorsement areas in teacher education programs. Individual departments, however, may require a grade of at least a “C” for courses in their majors.

Students entering any teaching program of study within the College of Education must be accepted for Teacher Education. A minimum GPA of 2.5 is required before admission to Teacher Education may be granted. (Also refer to the section outlining application process for admission to teacher education.) To be graduated from any teacher education program and be recommended for a teaching certificate, a candidate must have met the scholarship requirements and maintain a 2.5 GPA.
Appeal of Academic Suspension

Students suspended from the University for academic reasons have a right to appeal their suspension. The following appeals process is recommended.

1. The Appeals Board will be made up of a faculty member from each college and the directors of Academic Advising and Academic Success.
2. Students are expected to present their appeal in writing and a written recommendation from their academic advisor or the chairperson of the department in which they major before the appeal is considered by the Board.

Students who are successful in their appeal must:
1. Enroll in no more than the number of hours recommended by the Appeals Board.
2. Normally full-time students will repeat at least 6 hours of course work with previously recorded grades of “D,” “D-,” or “F.” Part-time students normally will repeat at least 3 hours of course work with previously recorded grades of “D,” “D-,” or “F.” The final decision about the number of courses to be repeated during the student’s period of probation rests with the Appeals Board.
3. The Appeals Board will designate the grade point average students must receive during the semester they are re-admitted to the University. Students will be required to receive at least a minimum grade point average of 2.0, but the Board may also require that the students receive a higher grade point average. Students who do not receive the designated grade point average will again be suspended for a period of two consecutive semesters.
4. Students must meet with their academic advisor at least twice during the semester they are re-admitted, to report their academic progress.

Appeal Procedure - Final Grade

The typical procedure for appealing a final grade involves the following individuals:
1. The Instructor
2. The Department Chairperson
3. The College Dean or EPC**
4. The Senior Vice Chancellor for Academic and Student Affairs

Students wishing to appeal a final grade should inquire with the Dean’s Office of the College in which the grade was issued.

If a student feels the grade he/she received in a class is incorrect, he/she must initiate contact with the instructor of record or in the absence of the instructor, with the appropriate department chair, within 30 days of the end of the term for which the grade was assigned. Failure to notify the instructor/department of record within the allotted time will render the initial grade final and no changes will be permitted.

Academic Amnesty

Students, after 24 consecutive credit hours of successful work at UNK, UNO, UNL, or UNMC, with a cumulative grade point average of at least 3.0 for these hours may petition the Office of Student Records and Registration at UNK to have either or both of their first two semesters’ grades at UNK removed from their cumulative grade point average. If a

Academic Information

student has completed more than 24 consecutive hours all of their hours must have a 3.0 cumulative GPA. No other semesters may be considered. Courses from those semesters will remain on the student’s transcripts. Courses during those semesters in which a minimum of a “C” grade is earned may continue to count toward graduation. Thus, Academic Amnesty allows students to have either or both of their first two semesters’ grades removed from their cumulative grade point average, but their grades from those semesters remain on the student’s permanent record. They may use only courses with a grade of C or better from those semesters to meet graduation requirements.

The petition is subject to the following conditions:
1. The student shall be at least six years removed from the semester or year to be deleted.
2. The student is responsible for initiation of the petition.
3. The petition must be approved by the student’s academic advisor and the Registrar.
4. The semester listing of courses granted amnesty will be marked, on the student’s permanent transcript, “Approved for Academic Amnesty.”

Students will obtain an Academic Amnesty Form in the Office of Student Records and Registration. The form must then be signed by the academic advisor and the Registrar before Academic Amnesty is granted.

Deans’ List

During the spring and fall semesters, the Deans’ List is established to honor undergraduate students for their academic achievements. Students who have completed at least 12 credit hours during the semester with a 3.5 or better semester GPA are eligible. Courses taken on a credit/no credit basis are not included among the necessary 12 credit hours. Students on the Deans’ List may obtain their certificate of recognition from their respective Dean’s office after the first month of the following semester.

Graduation Honors

The University of Nebraska at Kearney confers graduation honors on undergraduate students who meet the following qualifications:

<table>
<thead>
<tr>
<th>Scholastic Averages</th>
<th>Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.90-4.00</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>3.80-3.89</td>
<td>Magna Cum Laude</td>
</tr>
<tr>
<td>3.70-3.79</td>
<td>Cum Laude</td>
</tr>
<tr>
<td>3.50-3.69</td>
<td>Honorable Mention</td>
</tr>
</tbody>
</table>

The above grade averages are computed on the basis of a minimum of 60 semester hours’ credit earned and completed in residence at UNK. Courses taken during the semester in which the student plans to graduate are not used in determining honors for commencement. When final grades for the semester are received, the students’ final honors standing will be calculated and recorded on the permanent record. Grades and credit hours earned at colleges or universities other than the University of Nebraska are not applicable in determining graduation honors.

TRANSFER STUDENTS ONLY: A minimum of 45 credit hours must be completed at UNK prior to the final semester, and registration during the final semester must be sufficient to complete a total of 60 credit hours at UNK if the student wishes to be identified in the commencement program as an honors graduate candidate.
Final Week Policy

Finals at UNK will be scheduled Monday through Thursday during the last week of the semester.

1. Final examinations for full semester classes are to be given at the regularly scheduled examination time only, as published in the official Class Schedule, during Final Week.

2. During the week prior to Final Week, the only examinations that may be given are: laboratory practical examinations, make-up or repeat examinations, and self paced examinations.

3. Projects, papers, and speeches scheduled for completion during the last week of classes must have been assigned in writing by the end of the eighth week of the semester. This refers to the project and its scope, not the topic.

4. Complaints about failure to follow the above outlined procedures should be made immediately to the appropriate department chair, dean, or the Senior Vice Chancellor for Academic and Student Affairs Office, if necessary.

5. Any course not having an examination during Final Week will meet under the direction of its instructor during the scheduled Final Week time period for a continuation of regular class work.

6. Exceptions to this policy may be granted by the Dean on the basis of good and sufficient reasons submitted to the Dean in writing.

Student Attendance Policy Statement

Students are expected to attend all meetings of classes for which they are registered, including the first and last scheduled meetings and the final examination period. Instructors hold the right and responsibility to establish attendance policies for their courses. Each instructor must inform all classes at the beginning of each semester concerning his/her attendance policies.

Participation in official University activities, personal emergencies, and religious observances are valid reasons for absence from classes. Instructors may request that such absences be verified by the Dean of Student Life. Students attending authorized off-campus functions or required activities shall be cleared through the Office of the Senior Vice Chancellor for Academic and Student Affairs. Lists of students excused for official University activities will be maintained in the Senior Vice Chancellor for Academic and Student Affairs Office. Students are responsible for informing their instructors about their absence from class and for completing assignments given during their absence. No adverse or prejudicial effects shall result to any student with excused absences for official University activities.

Ethical/Professional Conduct Statement

The faculty require not only students meet the academic standards of their discipline, but also the professional and ethical standards of their chosen field of study. Failure to adhere to such standards of conduct may result in the denial of admission to, or in the expulsion from, their major or minor program of study.

Academic Integrity Policy

The maintenance of academic honesty and integrity is a vital concern of the University community. Any student found in violation of the standards of academic honesty shall be subject to both academic and disciplinary sanctions. Academic dishonesty includes, but is not limited to, the following:

1. **Cheating**: Copying or attempting to copy from an academic test or examination of another student; using or attempting to use unauthorized materials, information, notes, study aids or other devices for an academic test, examination or exercise; engaging or attempting to engage the assistance of another individual in misrepresenting the academic performance of a student; or communicating information in an unauthorized manner to another person for an academic test, examination or exercise.

2. **Fabrication and falsification**: Falsifying or fabricating any information or citation in any academic exercise, work, speech, test or examination. Falsification is the alteration of information, while fabrication is the invention or counterfeit of information.

3. **Plagiarism**: Presenting the work of another as one’s own (i.e., without proper acknowledgment of the source) and submitting examinations, theses, reports, speeches, drawings, laboratory notes or other academic work in whole or in part as one’s own when such work has been prepared by another person or copied from another person.

4. **Abuse of academic materials and/or equipment**: Destroying, defacing, stealing, or making inaccessible library or other academic resource material.

5. **Complicity in academic dishonesty**: Helping or attempting to help another student to commit an act of academic dishonesty.

6. **Falsifying grade reports**: Changing or destroying grades, scores or markings on an examination or in an instructor’s records.

7. **Misrepresentation to avoid academic work**: Misrepresentation by fabricating an otherwise justifiable excuse such as illness, injury, accident, etc., in order to avoid or delay timely submission of academic work or to avoid or delay the taking of a test or examination.

8. **Other Acts of Academic Dishonesty**: Academic units and members of the faculty may prescribe and give students prior written notice of additional standards of conduct for academic honesty in a particular course, and violation of any such standard shall constitute the Student Code.

The respective colleges of the University have jurisdiction over procedural matters concerning academic dishonesty. Just as the task of inculcating values of academic honesty reside with the faculty, the faculty are entrusted with the discretionary authority to decide how incidents of academic dishonesty are to be resolved. The complete policy for Procedures and Sanction and Appeal are available in the Student Code of Conduct, Article VI: Academic Integrity in the Student Handbook, http://www.unk.edu/uploadedFiles/admin/vcsa/StudentHandbook.pdf.

Graduate student policies may differ. See the Graduate Catalog.

Bill of Rights

The Student Bill of Rights protects students from arbitrary or capricious decisions by classroom instructors. The Bill of Rights provides procedures for investigations and hearings on student complaints regarding grades or other academic problems. For a complete copy of the Student Bill of Rights, see the Student Handbook.
ACADEMIC RESOURCES

Consistent with its mission to provide resources for excellent education and public service, the University of Nebraska at Kearney provides several resources that aid students and faculty in achieving educational success as well as promote educational outreach into the local community.

Academic Success Offices

Academic Success is a collaboration of offices that provide academic assistance and other services that support academic and life-long learning for all students. Transition and study skills classes, a computer learning lab, make up exam proctoring, and testing accommodations for students with disabilities are available. Student Support Services is a federal grant program targeted for students who meet criteria for participation. Participation is limited to students who work actively with the program that is mandated to enhance academic performance, persistence, and graduation. See http://www.unk.edu/academics/academics.aspx?id=2466.

Center for Teaching Excellence

The mission of the Center for Teaching Excellence is to enhance undergraduate education by providing services and resources to encourage and support excellent teaching. The Center coordinates teaching and learning workshops, symposia, and small group discussions designed to assist faculty in promoting active learning, understanding learning styles, and assessing student learning. In addition to offering individual and confidential consulting services for instructors, the Center also disseminates instructional information.

Information Technology Services

Information Technology provides administrative and academic technology-based services to the campus and provides support for the campus network. Available services include technical assistance and desktop support for faculty and staff; training for faculty, staff and students using a wide variety of computing resources; Internet access; hardware and software configuration and purchasing assistance; server support; web development, instructional design, and multimedia services; and administrative programming support.

A variety of computing platforms support administrative, instructional and research functions for faculty, staff and students. Lotus Notes is used for email. BlackBoard is utilized for development and management of web-based courses.

A general-purpose student computer lab is maintained in the Nebraskan Student Union. A lab monitor is always available to provide assistance. Computer labs are also maintained in each residence hall. Two general-purpose labs are located in the Calvin T. Ryan Library. General-purpose labs provide access to a standard suite of software, including browsers, word processing, and spreadsheets. There are also student computer labs, some with Macintosh computers and some with Windows-based computers, located in each of the academic buildings, maintained by individual departments.

A wireless data network is available to students, faculty and staff in all campus buildings.

Academic Information

Accessible workstations for students with disabilities and special needs are available in the Nebraskan Student Union lab. Students with disabilities and special needs should contact the Office of Academic Success for information regarding these workstations.

A computer store in Room 113, Otto Olsen Building, offers full retail services for those wishing to buy computer equipment, including configuration advice and demo units. Contracts with major vendors provide attractive educational discounts, with sales limited to faculty, staff, and students of UNK.

The Help Desk, located in Room 115, Otto Olsen Building, is available to answer questions, resolve problems and provide information about computer use and network services at UNK. Training sessions and hands-on assistance are offered for faculty, staff, and students wishing to learn more about many aspects of technology. The Help Desk is staffed from 8 am to 5 pm on Monday through Friday, but assistance is available 24x7. After hours phone calls are routed to an answering service, which also responds to emails and offers live chat. (See the Helpdesk UNK at http://www.unk.edu/offices/its/)

All of the residence halls offer network access to students in each room. With a wired or wireless connection to the UNK network, students who have their own computers can access campus computing resources and the Internet from their residence hall room.

Two sets of guidelines, the University of Nebraska Policy for Responsible Use of University Computers and Information Systems and Guidelines for the Use of Information Technology Resources at the University of Nebraska at Kearney, apply to faculty, staff and students at UNK. See pages 281-284.

Library

The Calvin T. Ryan Library staff, in partnership with the classroom faculty and other members of the UNK community, provide students with opportunities to develop skills that support their current educational pursuits, further their career opportunities, enrich their personal lives, and, ultimately, prepare them for lifelong learning.

The library building was originally constructed in 1963, and an addition was completed in 1983. It provides seating for more than 900 students, including group study rooms, lounge seating, and individual study carrels. In recent years further changes have been made, including the addition of two computer labs and an Internet café.

The library provides access to a wide range of computer-based information resources, including the library’s catalog, numerous indexing and abstracting sources, and more than 34,000 full-text periodicals. A new online reference service provides telephone and e-mail reference service during scheduled hours, along with 24/7 “chat” reference through a partnership with 650 other academic and public libraries worldwide. Several large online reference collections acquired in 2008 significantly expand the reference holdings of the library, and make these materials available to distance students as well as to those who use the library on-campus. The online portion of the library never closes, and these electronic resources are available 24 hours a day, seven days a week, to UNK students anywhere in the world who have a computer and reliable access to the Internet. The library’s homepage http://rosi.unk.edu offers University of Nebraska at Kearney users access to general information about the library, including library hours, and its information resources.

Numerous computer stations are available throughout the library. Wireless computers can be used almost anywhere in the building. Students may check out laptop computers at the circulation desk for use within the library. Also, located on the second floor of the library, is the campus Writing Center.
Academic Information

The collection consists of over 280,000 print volumes and 78,000 non-print items encompassing a wide range of materials. The Library subscribes to about 1,200 periodicals in print (magazines, journals, and newspapers). It is an official government depository for more than 277,000 U.S. documents, which represent publications of U.S. governmental agencies. The library is also a depository for documents from State of Nebraska agencies. A Special Collection includes titles on Nebraska history and the history of the American West. The library houses the University Archives, comprised of materials concerning the history of UNK and related information about its faculty, staff, administration, and students. The Regional Instructional Materials Review Center (RIMRC) makes instructional materials available for review by University of Nebraska at Kearney students and area educators.

The Interlibrary Loan/Document Delivery Division of the Library supports the research and instructional needs of the UNK community by providing access to materials not owned by the Library. This service is provided free of charge to UNK students, faculty, and staff.

The nine library faculty members and sixteen support staff are dedicated to making the library an integral part of students’ careers at UNK by acquiring and organizing information resources in a variety of formats, providing classroom instruction on the use of library resources, and consulting one-on-one with students at the reference desk.

Speech, Language and Hearing Clinic

The Speech, Language and Hearing Clinic is the center for the B.S.Ed. degree program in Communication Disorders and the M.S.Ed. degree program in Speech/Language Pathology. It offers a site for the integration of professional coursework with extensive practical experience under direct faculty supervision for those students choosing this major.

The Clinic offers clinical services in consultation, evaluation, and treatment for students, faculty, and the general public. Services are available for both children and adults with communication disorders related to articulation/phonological problems, language delay, reading and writing intervention, stuttering, voice problems, hearing loss, cleft palate, cerebral palsy, mental retardation, laryngeectomy, and language disorders secondary to head injury and stroke. The Clinic is located in the west end of the College of Education Building. Clients may park in the lot coming directly off Hwy. 30 by the main doors to the clinic. The Clinic is open Monday through Thursday from 9am to 5pm, Friday from 9 to noon, and selected evenings.

Testing Center

The Testing Center, located in College of Education Building, provides Computer Based Testing and Paper/Pencil Testing for a wide array of areas. Our Computer Based Testing system delivers both linear exams (all items are presented in order) and adaptive tests (the computer uses the candidate’s response to each item to deliver subsequent items and ends when the computer is able to make a pass/fail determination).

Computer Based testing is offered year round, Monday through Friday, by appointment only. Paper/Pencil testing is conducted on specific published dates with pre-registration required. Study materials are available for certain programs.

The Testing Center services are available to all University of Nebraska students as well as students from surrounding Colleges and the general public.

The following Computer Based Tests are currently available through the Testing Center:

- AAMC (Valid for admission to UNK ONLY)
- CLEP (College-Level Examination Program)
- GRE (Graduate Records Examination)
- NASD (Regular and Continuing Education)
- NBPTS (National Board for Professional Teaching Standards)
- NEINS (Nebraska Insurance)
- PRAXIS I (Professional Assessments for Teachers)
- iBT - TOEFL (Test of English as a Foreign Language)

Many other Prometric Tests - To view a full list of Prometric tests given at our site go to www.prometric.com.

The following paper/pencil tests are currently available through the Testing Center:

- ACT (Residual American Testing Program)
- DANTES (Defense Activity for Non-Traditional Education Support)
- GRE Subject Tests (Graduate Records Examination)
- LSAT (Law School Admissions Test)
- PRAXIS II (Professional Assessments for Teachers)

The Museum of Nebraska Art (MONA)

The Museum of Nebraska Art is unique among art museums, dedicated exclusively to telling the story of Nebraska through the art of Nebraska. MONA exhibits the work of a distinguished and diverse collection of artists including pieces by Nebraska artists as well as artwork featuring Nebraska subjects by artists from all over the world. A Kearney landmark listed on the National Register of Historic Places, MONA provides a fitting home for its collection of over 5,000 works. Located in downtown Kearney, MONA is a regional center for cultural activities where students enjoy opportunities to broaden their academic experiences through their association with the Museum and its collection. Visitors enjoy MONA by attending exhibitions, special educational workshops, lectures, and musical performances. Web and distance education programming provide connections to the Museum beyond central Nebraska as well. With no admission fee and convenient parking, MONA is an artistic treasure readily available to all.

Planetarium and Observatory

These facilities are operated by the Department of Physics and Physical Sciences. The UNK Planetarium is Nebraska’s newest star theater. The Planetarium’s Zeiss star projector provides students and visitors with an indoor Universe where the sky is never cloudy. The lobby of the Planetarium features Nebraska’s only Foucault Pendulum. The Foucault Pendulum was the first experiment that proved that the Earth rotated on its axis. The Observatory gives both visitors and science majors opportunities to explore the sky with state of the art telescopes and electronics. Both the Planetarium and the Observatory are used to teach our physics, astronomy, earth science, and teacher education courses. They also are used to offer presentations for visiting public and school groups. There is no admission fee for either the Planetarium or the Observatory. The Planetarium is handicap accessible; the Observatory, however, is not.
The Walker Art Gallery is dedicated to serving the students, faculty and staff of the Department of Art and Art History, the University campus community and the Kearney region, by presenting exhibitions of accomplished visual expression. Three such exhibitions are presented each academic year, drawn from regional as well as national sources. Each of these exhibitions is selected for its educational and inspirational value to the students, as well as artistic merit and intent. As a rule, exhibiting artists and designers lecture on their work, or offer gallery talks.

The Walker Art Gallery devotes over half of its exhibition schedule to the UNK art students. There is an annual juried student art exhibition, and a series, each semester, of capstone senior exhibitions. The students are given the primary responsibility for the installation and deinstallation of their exhibitions, thus gaining invaluable practicum experience.

Writing Center

The Writing Center, which is located on the second floor of Calvin T. Ryan Library, provides free writing assistance 7 days a week to all UNK students, faculty and staff. Assistance includes one-on-one consultations, interactive workshops, and helpful resources, such as handbooks, handouts, and internet links.

Most one-on-one consultations take place face-to-face, with consultations lasting 30 minutes (for 1-3 pages) to one hour (for 4-7 pages). Visitors can bring any piece of writing at any stage in the writing process for help with pre-writing and drafting, generating a thesis, supporting ideas, organizing paragraphs, writing clearly and concisely, citing outside sources, editing for grammar and punctuation errors, and more. Many writers find it helpful to come as soon as an assignment is given, again when they reach an impasse of some kind, and then once (or twice) more when they are making their final revisions.

All kinds of writers use our services, including highly successful writers who know that every writer needs a reader, less confident writers who want to improve their skills and learn new techniques, and writers learning English in conjunction with college level writing. In keeping with our goal to help all writers improve their own skills, writing consultants will not correct, edit, proofread, or write any part of the paper; they will help writers identify patterns of error and develop better options and strategies.

Since the Writing Center has opened over 1,000 consultations every semester since 2002, appointments are strongly encouraged and can only be made online at www.unk.edu/acad/writing_center for exact hours and to make an appointment. All writers are allotted up to 120 minutes of assistance each week. Missing an appointment constitutes a no-show. Writers with three no-shows in a single semester are blocked for the remainder of the term; they have to rely on walk-in availability.

Our interactive workshops address specific writing topics—such as revision strategies, proper punctuation, citation styles, and writing lengthy papers—in a lively small group setting. Our growing collection of helpful handbooks, handouts and links are available both at the Writing Center and via our website.

ADDITIONAL OPPORTUNITIES

The University of Nebraska at Kearney offers a variety of opportunities to supplement and enhance a student’s educational experience. Interested students should contact the appropriate office to determine if they meet the requirements for participation.

First Year Program

The First Year Program at the University of Nebraska at Kearney not only introduces students to their academic responsibilities at UNK but also fosters a sense of community and commitment. By combining academic preparation with other needs (e.g., study skills, academic expectations, social adjustment, personal welfare), this program better prepares students in liberal arts skills and values and grooms them to be highly effective and self motivated in any future endeavors and careers. Within the curriculum, numerous courses are designated “First Year” and deliberately develop the skills necessary to participate in the university’s complex technological and academic world. Because the class size is limited to twenty-five students and faculty are assisted by Student Peer Leaders (upper class students), First Year students receive special attention that helps integrate them into academic, extra-curricular, and social aspects of the university community.

For more information contact:

Kristi Bryant, Interim Director
First Year Program
Department of English
University of Nebraska-Kearney
Kearney, NE 68849
Phone: (308)865-8291
email: firstyear@unk.edu

Pre-Professional Programs

The University of Nebraska at Kearney offers pre-professional preparation in a variety of fields. For more information regarding any of the pre-professional programs, a student should contact the chair of the appropriate academic department. A faculty advisor in these departments will be assigned to assist pre-professional students in their planning.

Pre-Professional Program                         Department
Pre-Architecture                                Physics
Pre-Cardiovascular Perfusion                   Health Sciences Programs
Pre-Chiropractic, Pre-Osteopathy               Pre-Podiatry                      Health Sciences Programs
Pre-Dental                                     Health Sciences Programs
Pre-Dental Hygiene                             Health Sciences Programs
Pre-Engineering                                Physics
Pre-Food Science                               Chemistry
Pre-Health Information Management              Health Sciences Programs
Pre-Law                                       Political Science
Pre-Medical                                   Health Sciences Programs
Pre-Meteorology                                Physics
Pre-Mortuary Science                           Health Sciences Programs
Pre-Music Therapy                             Music & Performing Arts
Pre-Nuclear Medicine Technology                Health Sciences Programs
Pre-Nursing                                   UNMC College of Nursing
Pre-Occupational Therapy                      Health Sciences Programs
Pre-Optometry                                 Health Sciences Programs
Pre-Pharmacy                                  Health Sciences Programs
Pre-Physical Therapy                          Health Sciences Programs
Pre-Physician Assistant                       Health Sciences Programs
Pre-Radiologic Technology                     Health Sciences Programs
Pre-Veterinary Medicine                       Biology

Specific information about Agriculture, Natural Resources, and Pre-Forestry administered by the Department of Biology cannot be specified in this catalog because the course requirements vary according to the requirements of the professional school selected by the student.
Academic Information

International Education

http://www.unk.edu/international/index.php?id=1014

The Office of International Education is an umbrella office for international activities at UNK, comprising the following:

- Community Outreach
- Curriculum Development
- English Language Institute
- International Faculty Development
- International Projects
- International Student Admissions
- International Student Services
- International Student Undergraduate Admissions
- International Studies Major
- International Studies Minor
- James E. Smith Midwest Conference on World Affairs
- Linkages and Sponsored Programs
- National Collegiate Network
- Study Abroad

Questions should be addressed to:

Dallas Kenny, Ph.D., Director
Office of International Education
Okinga Center
Phone: 308-865-8246
Fax: 308-865-8160

For a complete list of the many study abroad opportunities, visit Ann Marie Harr, Welch Hall 104.

National Student Exchange Program

The University of Nebraska at Kearney participates in the National Student Exchange which is a consortium of nearly 180 state-supported colleges and universities. UNK students can attend, for up to one academic year, an institution of higher learning in another area of the United States. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social and cultural awareness. Credits are recorded back at the home campus as a part of the student’s regular transcript.

To qualify, a participant must (1) be a full-time student; (2) have at least sophomore standing during the exchange; and (3) have a minimum cumulative GPA of 2.5.

For more information about this opportunity for educational travel and study in a new environment, contact the National Student Exchange Program Coordinator, Office of Admissions (admissionsug@unk.edu).

Graduate Degrees and Programs

The University of Nebraska at Kearney is accredited by the North Central Association of Colleges and Schools* to offer the following graduate degrees: Master of Arts, Master of Science, Master of Business Administration, Master of Arts in Education, Master of Science in Education, and Education Specialist degree.

Students should check the appropriate section of the current Graduate Catalog for information regarding advanced degrees in an area of particular interest. The catalog is available from the Graduate Office and is also available on the Web (see below).

The Specialist Degree is offered in Educational Administration, Counseling, and School Psychology. These programs are discussed in the General Requirements section of the Graduate Catalog and in the individual department sections.

Graduate coursework is offered by some departments which do not offer an advanced degree program. A student may select courses from these departments for personal enrichment, for transfer to another institution, or as part of an approved degree program.

For additional information, consult the UNK Graduate Catalog at http://aa.unk.edu/gradcatalogs/current/default.asp, or write or call:

Office of Graduate Studies and Research
University of Nebraska at Kearney
Founders Hall Room 2131
Kearney, NE 68849-1230
(308) 865-8500
(800) 717-7881
gradstudies@unk.edu
www.unk.edu/acad/gradstudies

*e30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504

eCampus

Kenya Taylor, Dean

eCampus at UNK has been meeting the educational needs of placebound, nontraditional adults for more than three decades by offering quality, affordable programs. UNK offers the same quality distance and online degree programs and courses that are offered on the campus. The majority of the eCampus courses are taught by credentialed faculty with Ph.D.s who are committed to teaching excellence. eCampus supports faculty and students with numerous support services to ensure that online offerings provide students with a quality educational experience. These include training for online faculty, course consultations, test proctoring, as well as a wide range of resources to help students succeed with their online education.

As part of the eCampus unit, Video Services provides a wide range of video related services to the UNK community. Among these are interactive videoconferencing, desktop videoconferencing, streaming video, taping, and duplicating. In addition, Video Services oversees the delivery of Cable TV services to the campus.
### Honors Program

**Gary Davis, Director**  
**Jane Christensen, Associate Director**

The Honors Program at the University of Nebraska at Kearney offers exceptional students an opportunity to explore in depth the intellectual and cultural concepts that have shaped our society. This four-year program enriches and supplements all academic majors at the University of Nebraska at Kearney. It provides students with small classes—small enough that the members can actively engage in discussion. This program also offers interdisciplinary seminars which bring together knowledge from various fields. Finally, the program offers an excellent opportunity for independent study.

While the Honors Program at UNK is primarily an academic program, it offers students a number of diverse social and personal opportunities. By choosing the Honors Hall, Stout Hall, students may engage in a unique living experience that provides a sense of community among Honors students, study groups, leadership opportunities, and social activities. Of course, since these students experience so much together, they also form lasting friendships with both their fellow students and their faculty. Those who participate in the Honors Hall experience a residential college at its finest.

### Honors Program

Designed for students of high academic abilities and ambitions, the Honors Program offers an exciting and challenging experience in the Liberal Arts tradition. Specialized sections of Honors General Studies courses enhance student-faculty interaction, emphasize discussion in a seminar atmosphere, and increase opportunities for intellectual exploration. The four-year Honors Program enriches and supplements all academic majors in the university. The Honors Program also offers interdisciplinary seminars, and excellent opportunities for undergraduate research and independent study.

### Academic Aspects

The Honors Program offers a four-year academic program which traditionally requires that students complete twenty-four hours of Honors courses spread over the entire collegiate career. During the first four or five semesters students typically are required to take five three-credit hour honors courses from the General Studies requirements, at least one general studies Honors course per semester. During the final three or four semesters, students must complete nine hours of 300-400 (junior-senior) level courses taken from their disciplines; the final three hours of the nine required is considered a Senior Project.

### Admissions Criteria

A. First-time freshmen must have a minimum ACT score of 26 or above, rank in the top 25% of their high school class, complete an essay and provide two academic letters of reference.

B. Upon completing 12 credit hours students currently enrolled at UNK may apply for admission to the Honors Program. These students must have at least a 3.5 cumulative grade point average, must complete an essay (same topics as above), and must interview with the Director and Associate Director.

C. Admittance to the Honors Program is by invitation of the Directors.

### Scholarships

A. The Honors Program offers Honors scholarships to incoming freshmen based on ACT scores, high school GPA, class rank and the writing sample. Students who remain in the Program and in good standing (maintenance of a 3.25 cumulative grade point average) may hold these scholarships for four years. Honors scholarship winners may hold tuition or other scholarships as well.

### Minimum Honors Hours for Completion of Program

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<td>24</td>
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The Honors Program offers a four-year program which requires that students complete twenty-four hours of Honors Courses. During the first five semesters students are required to take five three-hour courses from the General Studies Requirements. During the final three semesters, students must complete nine hours of Junior/Senior credits taken from their major fields of study.

**A. Honors Courses within the General Studies:**

In close consultation with an Honors advisor, take 5 Honors courses from:

- Take 0-6 hours from the following **English Language General Studies**:
  - ENG 101HGS, Expository Writing I ........................................3 hours
  - ENG 102HGS, Expository Writing II ........................................3 hours
  - SPCH 100HGS, Fundamentals of Speech Communication ..................3 hours

- Take 0-15 hours from the following **Humanities General Studies**:
  - (Coursework must be from three separate perspectives)
    - Take 0-6 hours from the following **Literary Perspectives**:
      - ENG 235HGS, American Studies ........................................3 hours
      - ENG 240HGS, Literary Classics of the Western World-Honors ........................................3 hours
      - ENG 280HGS, Special Topics ........................................3 hours
    - Take 0-6 hours from the following **Aesthetic Perspectives**:
      - ART 120HGS, Seminar in Art Appreciation ................................3 hours
      - MUS 100HGS, Introduction to Music ....................................3 hours
      - THEA 120HGS, Introduction to the Theatre ............................3 hours
    - Take 0-6 hours from the following **Historical Perspectives**:
      - HIST 210HGS, Western Civilization ...................................3 hours
      - HIST 211HGS, Western Civilization ...................................3 hours
      - HIST 212HGS, Non-Western World History ............................3 hours
      - HIST 215HGS, Introduction to Latin America ..........................3 hours
      - HIST 250HGS, American History ......................................3 hours
      - HIST 251HGS, American History ......................................3 hours
      - HIST 280HGS, Special Topics ........................................3 hours
  - Take 0-6 hours from the following **Philosophic Perspectives**:
    - PHIL 100HGS, Introduction to Philosophy ...............................3 hours
    - PHIL 120HGS, Introduction to Ethics ....................................3 hours

### Honors Program

**Minimum Honors Hours for Completion of Program**

- B. Traditionally, two or three students in each incoming freshman class receive the Omaha World Herald/Kearney Hub Scholarship. This scholarship provides tuition, room, board, fees, and books for four years, again with maintenance of a 3.25 cumulative grade point average.

- C. Students currently enrolled in the Honors Program can earn an Honors scholarship with a GPA of 3.7 or higher.

For additional information contact:  
Director of UNK Honors Program  
Memorial Student Affairs Building, Room 112  
University of Nebraska at Kearney  
Kearney, NE 68849-0001  
Phone: 234-8497 or 865-8172  
Email: davisg@unk.edu or christenseje@unk.edu
Take 0-15 hours from the following **Natural Sciences General Studies**:  
(Coursework must be from two separate departments; at least one of the courses taken will have a laboratory component)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 280HGS, Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 160HGS/CHEM 160LGS General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 161HGS/CHEM 161LGS, General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 131HGS, Newton’s Universe</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 132HGS, Einstein’s Universe</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 201HGS, Earth Science</td>
<td>4</td>
</tr>
</tbody>
</table>

Take 0-15 hours from the following **Social and Behavioral Sciences General Studies**:  
(Coursework must be from three separate perspectives)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 270HGS, Principles of Economics,</td>
<td>3</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>

Take 0-6 hours from the following **Economic Perspectives**:

- ECON 270HGS, Principles of Economics, Macroeconomics: 3 hours

Take 0-6 hours from the following **Social Perspectives**:

- SOC 100HGS, Introduction to Sociology: 3 hours
- SOC 250HGS, Anthropology: 3 hours

Take 0-6 hours from the following **Political Perspectives**:

- PSCI 110HGS, Introduction to American Politics: 3 hours
- PSCI 140HGS, Introduction to Comparative Politics: 3 hours
- PSCI 168HGS, Introduction to International Relations: 3 hours
- PSCI 170HGS, Introduction to Political Thought: 3 hours
- PSCI 280HGS, Special Topics: 3 hours

Take 0-3 hours from the following **Geographic Perspectives**:

- GEOG 104HGS, World Regional Geography: 3 hours
- GEOG 106HGS, Human Geography: 3 hours

Take 0-6 hours from the following **Behavioral Perspectives**:

- PSY 210HGS, Issue in Psychology: 3 hours
- PSY 280HGS, Special Topics: 1-3 hours

### B. Junior/Senior Requirements

Take 9 hours from:

- **Honors Option Courses Variable Topics**: 6 hours  
  Honors Option Courses are selected major courses from the various disciplines which the student may take as honors credit. The kind of study will vary from course to course and from discipline to discipline. Honors Options are akin to independent study done with a faculty mentor beyond the scope of the regular curriculum of any 300- to 400-level course required by any major.

- **Senior Study Variable Topics**: 3 hours  
  The Honors Senior Study, usually taken during the senior year, is the culmination or capstone of the student’s Honors coursework, directed by a professor in the student’s major field of study. This Senior Study is submitted in manuscript form to be catalogued in the Honors Senior Study Archive.
Mission

The UNK General Studies program helps students acquire knowledge and abilities to: understand the world, make connections across disciplines, and contribute to the solution of contemporary problems.

Philosophy

Since the primary purpose of education is intellectual development, the General Studies Program at the University of Nebraska at Kearney is designed to provide broad intellectual knowledge of the diverse academic disciplines. The liberally educated person, free to explore knowledge and wisdom from a broad perspective of human culture and experience, is able to think independently, to question, to analyze, to interpret, and to judge. To achieve these goals, the General Studies Program encourages students to more fully develop their communication skills. The program further encourages students to inquire into the disciplines of the humanities, fine arts, mathematics, and the natural, social, and behavioral sciences. Finally, the program encourages students to become aware of the relationships which exist among the disciplines and to understand how to apply the knowledge gained to personal development as well as contemporary problems in the students’ natural, social, economic and political environments.

Objectives

Across the range of disciplines and courses offered, the General Studies Program is designed to develop and demonstrate the following abilities:

1. the ability to locate and gather information,
2. the capability for critical thinking, reasoning and analyzing,
3. effective communication skills including the ability to read, speak and write effectively, using the materials, ideas, and discourse modes of specific academic areas,
4. an understanding of the experiences and values of groups and cultures which have been historically under-represented.

In addition to the four general objectives noted above, there are specific objectives in the major categories within the General Studies Program.

Requirements

45 Hours of General Studies Courses

All UNK students must satisfactorily complete the courses listed within the General Studies areas. Each student seeking a bachelor’s degree at UNK must complete 45 hours of General Studies courses, distributed into seven categories. It should be noted that certain majors require that specific General Studies courses be taken. Students should make choices with the guidance of the academic advisor so that their interests and major requirements are met. Colleges and individual programs within a College can, with the approval of the appropriate College committee, require specific General Studies courses which will be listed under the requirements for the degree programs.

To ensure that the General Studies Program provides students with a wide variety of points of view and allows them to concentrate in their junior and senior years on their major subject, students are encouraged to complete the General Studies Program in their freshman and sophomore years.

Students are urged to complete

- the Math requirement during their freshman year,
- the English composition (ENG 101GS and ENG 102GS) requirement during their freshman year and
- SPCH 100GS early in the General Studies Program.

Junior Check of General Studies Requirements

When the student reaches junior standing, he or she should request a Junior Check from the Office of Student Records and Registration. This degree audit listing the courses completed and credit hours earned to date. To ensure completing the General Studies Program requirements in order to graduate on time, students are encouraged to routinely check their degree audit on WebEASI and request a Senior Check from the Office of Student Records and Registration two semesters before their desired date of graduation.

Appeal Process

Students wishing to appeal a decision of the Office of Student Records and Registration may do so by written request, accompanied by specific course descriptions and other supportive materials, to the Director of General Studies. The request should be submitted to the Director of General Studies prior to the beginning of the semester in which that student is scheduled to graduate.

General Studies Courses

Throughout the catalog the letters GS are added following the number of a course which is part of the General Studies Program. General Studies courses designed for students in the Honors Program carry the “H” designation after the course number.

I. ENGLISH LANGUAGE

(3-6 hours of Expository Writing and 3 hours of speech coursework required. Students who have used AP credit or otherwise have not been required to take ENG 101 must take ENG 102 and may not exercise the foreign language option instead. See II. below.)

In addition to those objectives required of all General Studies courses, students will:

1. demonstrate the ability to form and support a coherent position on an issue,
2. demonstrate the ability to write and speak in a formal manner appropriate to the audience,
3. demonstrate the ability to read, speak, and write “expressive” as well as “transactional” language i.e., to develop and understand the role of voice in communication as well as the message itself.
II. FOREIGN LANGUAGE

(Up to 3 hours of 200 level classes in foreign language may be counted towards the requirement for 45 hours of General Studies courses. Students with a grade of A or B in ENGL 101 may substitute a 200 level General Studies foreign language course for the ENGL 102 requirement. Students who possess a higher level of foreign language competence than the 200 level may take a 300 or 400 level course.)

Students will:
1. demonstrate the ability to understand and interpret the written and spoken language in a variety of topics;
2. demonstrate the ability to engage in meaningful spoken and written communication in the language;
3. demonstrate the ability to comprehend and analyze texts in the language in their linguistic and cultural context;
4. demonstrate the ability to understand and discuss in the language the perspectives, practices, and products of the given cultures.

- FREN 200GS, Intermediate French I ........................................3 hours
- FREN 201GS, Intermediate French II ......................................3 hours
- GERM 200GS, Intermediate German I .................................3 hours
- GERM 201GS, Intermediate German II ...............................3 hours
- GERM 204GS, Culture, Conversation and Composition ..........3 hours
- SPAN 200GS, Intermediate Spanish I ..................................3 hours
- SPAN 201GS, Intermediate Spanish II ...............................3 hours
- SPAN 204GS, Culture, Conversation and Writing ..................3 hours

III. HUMANITIES

(9-15 hours from three separate perspectives required; a maximum of 15 hours count as General Studies credit)

In addition to those objectives required of all General Studies courses, students will:
1. demonstrate the ability to comprehend primary texts, i.e., the work of literary figures, historical figures, philosophers, and critics; film and theatrical performance; works of art; music in performance and/or notation,
2. demonstrate the ability to form and support, in writing, coherent positions on issues relevant to primary texts,
3. demonstrate the ability to use, in speaking and writing, the forms of reference and the manners of discourse appropriate to the particular discipline,
4. demonstrate the ability to see primary texts as cultural descriptions as well as individual creation.

While not all courses in the Humanities focus exclusively on primary texts, students in every course will experience, through reading, seeing, or hearing, significant cultural works and documents.

Within the Humanities requirement, courses should be distributed among the perspectives listed below. At a minimum, students must take one course from Literary Perspectives, one from Aesthetic Perspectives and one from Historical Perspectives.

### Literary Perspectives

(3 hours required; a maximum of 6 hours count as General Studies Credit)

- ENG 234GS, Reading and Writing about Literature .............3 hours
- ENG 235HGS, American Studies ........................................3 hours
- ENG 240HGS, Literary Classics of the Western World ........3 hours
- ENG 250GS, Introduction to Literature: British Literature ....3 hours
- ENG 251GS, Introduction to Literature: American Literature ..................................................3 hours
- ENG 252GS, Introduction to Literature: Western Civilization ......................................................3 hours
- ENG 253GS, Introduction to Literature: Non-Western Civilization ..................................................3 hours
- ENG 254GS, Introduction to Literature: Special Topics .......3 hours
- ENG 280HGS/HIST 280HGS Variable Topics ......................3 hours

### Aesthetic Perspectives

(3 hours required; a maximum of 6 hours count as General Studies Credit)

- ART 100GS, Art Structure ....................................................3 hours
- ART 120GS, Art Appreciation ..............................................3 hours
- MUS 100GS, Introduction to Music ......................................3 hours
- MUS 106GS, Introduction to Jazz and Blues .......................3 hours
- MUS 107GS, Introduction to Rock and Blues .....................3 hours
- DANC 122GS, Dance Appreciation .....................................3 hours
- THEA 120GS, Introduction to Theatre ...............................3 hours

### Historical Perspectives

(3 hours required; a maximum of 6 hours count as General Studies Credit)

- HIST 210GS, Western Civilization ....................................3 hours
- HIST 211GS, Western Civilization ....................................3 hours
- HIST 212GS, Non-Western World History .........................3 hours
- HIST 215GS, Introduction to Latin America ......................3 hours
- HIST 250GS, American History ........................................3 hours
- HIST 251GS, American History ........................................3 hours

### Philologic Perspectives

(6 hours required; a maximum of 6 hours count as General Studies Credit)

- PHIL 100GS, Introduction to Philosophy ..........................3 hours
- PHIL 120GS, Introduction to Ethics ....................................3 hours
- PHIL 260GS, Philosophy of Culture ...................................3 hours
- PHIL 314GS, Philosophy of Religion: Reason and Faith ....3 hours
- PHIL 360GS, Philosophy of Science ..................................3 hours

IV. MATHEMATICS, STATISTICS & COMPUTER SCIENCE

(3 hours required; up to 6 hours count as General Studies credit. One course must be a Math or Statistics course at the level of Math 102 or higher. MATH 090, MATH 101 and MATH 104 do not count as General Studies.)

In addition to those objectives required of all General Studies courses, students will:
1. demonstrate the ability to manage and interpret numerical data using the appropriate mathematical tools,
2. demonstrate the ability to express formal, mathematical relationships using logical analyses and differing forms of mathematical reasoning,
3. demonstrate the ability to utilize mathematical techniques in order to define problems and to search for strategies for testing solutions.
Mathematics/Statistics Courses
(3 hours required; up to 6 hours count as General Studies credit.)
Any courses offered by the Department of Mathematics & Statistics at the level of Math 102 or above may count for General Studies credit. (Math 090, 101 and 104 do not count as General Studies.)

Computer Science Courses
(0 hours required; up to 3 hours count as General Studies credit.)
The following computer science courses may count towards the Math requirement beyond the 3 hour minimum which must be taken within Math/Statistics:
CSIS 111GS, Applied BASIC Programming.............................3 hours
CSIS 130GS, Introduction to Computer Science...............4 hours
CSIS 210GS, Structured Transaction Programming........3 hours

V. NATURAL SCIENCES
(7 hours coursework from at least two Departments required; up to 15 hours count as General Studies credit. At least one of the courses taken will have a laboratory component.)
In addition to those objectives of all General Studies courses, students will:
1. demonstrate the ability to apply the logical structure of scientific methodology in the laboratory setting,
2. demonstrate the ability to comprehend how scientific concepts originate, are validated and refined, and
3. demonstrate the ability to use the specialized vocabulary needed to understand matter and energy.

Department of Biology
BIOL 101GS, X-treme Biology..............................................3 hours
BIOL 103GS, General Biology (lab course).........................4 hours
BIOL 105GS, Biology I (lab course)..........................4 hours
BIOL 106GS, Biology II (lab course)..........................4 hours
BIOL 109GS, Plants and Animals and their Environment (lab course)..............4 hours
BIOL 211GS, Human Micro-Biology (lab course)........4 hours
BIOL 215GS, Human Physiology (lab course)........4 hours

Department of Chemistry
CHEM 145GS, Introductory Chemistry (lab course)........4 hours
CHEM 150GS, Introduction to Organic and Biochemistry (lab course)........4 hours
CHEM 160GS, General Chemistry (with CHEM 160LGS General Chemistry Lab - 1 hour)..........4 hours
CHEM 161GS, General Chemistry (with CHEM 161LGS General Chemistry Lab - 1 hour)......4 hours

Department of Geography and Earth Science
GEOG 101GS, Physical Geography I:
The Atmosphere (lab course).............................................4 hours
GEOG 102GS, Physical Geography II:
The Lithosphere (lab course).............................................4 hours
GEOG 103GS, The Dynamic Planet:
Hazards in the Environment............................................3 hours
GEOG 207GS, Physical Geology........................................3 hours
GEOG 209GS, Meteorology.............................................3 hours

Department of Physics
PHYS 100GS, Physical Science (lab course)..................4 hours
PHYS 131HGS, Newton’s Universe................................4 hours
PHYS 132HGS, Einstein’s Universe................................4 hours
PHYS 201GS, Earth Science (lab course)......................4 hours
PHYS 205GS, General Physics (lab course)...............5 hours
PHYS 206GS, General Physics (lab course)...............5 hours

VI. SOCIAL AND BEHAVIORAL SCIENCES
(9 hours from three separate perspectives required; up to 15 hours count as General Studies credit.)
In addition to those objectives required of all General Studies courses, students will:
1. demonstrate an understanding of human experiences and be able to relate them to the present,
2. demonstrate the ability to understand the application of the empirical research methods used in the social sciences to understand individual behavior as well as the interrelationships among people,
3. demonstrate the ability to comprehend how social scientific concepts originate, are validated and refined within a variety of social science disciplines,
4. demonstrate the ability to evaluate the strengths and limitations of the social sciences and the explanations they offer for contemporary life.

Within the Social and Behavioral sciences, courses should be distributed among the following perspectives:

Economic Perspectives
(3 hours required; up to 6 hours count as General Studies credit.)
ECON 100GS, Contemporary Economic Issues....................3 hours
ECON 270GS, Principles of Economics, Macroeconomics..................3 hours
ECON 271GS, Principles of Economics, Microeconomics..................3 hours

Social Perspectives
(0 hours required; up to 6 hours count as General Studies credit.)
SOC 100GS, Introduction to Sociology..........................3 hours
SOC 124GS, Social Problems............................................3 hours
SOC 250GS, Anthropology................................................3 hours
ITEC 210GS, Society and Technology.............................3 hours
ETHS 101GS, Introduction to Ethnic Studies....................3 hours

Political Perspectives
(0 hours required; up to 6 hours count as General Studies credit.)
PSCI 110GS, Introduction to American Politics...............3 hours
PSCI 140GS, Introduction to Comparative Politics........3 hours
PSCI 168GS, Introduction to International Relations........3 hours
PSCI 170GS, Introduction to Political Thought...............3 hours

Geographical Perspectives
(0 hours required; up to 6 hours count as General Studies credit.)
GEOG 104GS, World Regional Geography.......................3 hours
GEOG 106GS, Human Geography.................................3 hours
GEOG 206GS, Geography of the United States and Canada................................................3 hours

Behavioral Perspectives
(0 hours required; up to 6 hours count as General Studies credit.)
PSY 203GS, General Psychology................................3 hours
PSY 210HGS, Issues in Psychology.................................3 hours
PSY 230GS, Human Development.................................3 hours
FSID 351GS, Marriage/Family Relationships..................3 hours
VII. PERSONAL DEVELOPMENT  
(2 hours required; up to 3 hours count as General Studies Credit.)

In addition to those objectives required of all General Studies courses, students will:

1. demonstrate the ability to confront the complexities—physical, emotional, economic, and/or technological—of the contemporary world.
2. demonstrate the development of skills, behaviors and problem solving strategies necessary to prevail in the contemporary world.

BMIS 182GS, Software Productivity Tools..................................3 hours  
CJUS 101GS, Introduction to Criminal Justice.................................3 hours  
CSIS 108GS, Computers in Society ...............................................3 hours  
FSID 108GS, Space for Family Living..........................................3 hours  
FSID 110GS, Introduction to Nutrition.........................................3 hours  
FSID 151GS, Human Sexual Behavior...........................................3 hours  
FSID 160GS, Personal Money Management....................................3 hours  
ITEC 150GS, Telecommunications Literacy....................................3 hours  
ITEC 211GS, Alternate Energy and Technology..............................3 hours  
JMC 100GS, Global Media Literacy..............................................3 hours  
MUS 159GS, Piano Fundamentals.................................................1 hour  
PE 109GS, Activity Class............................................................1 hour  
PE 110GS, Basic Sports..............................................................0.5 hour  
PE 160GS, Healthful Living........................................................3 hours  
PE 260GS, First Aid, Responding to Emergencies..........................2 hours  
SOWK 170GS, Introduction to Social Welfare................................3 hours  
WSTD 220GS, Introduction to Women's Studies...............................3 hours

VIII. CAPSTONE COURSE (this course is in development)  
(Up to 1 semester hour counts as General Studies credit.)

In addition to those objectives required of all General Studies courses, students will:

1. demonstrate an ability to locate and gather information from more than one academic discipline.
2. demonstrate an ability to use knowledge, approaches, and methods drawn from more than one academic discipline.
3. create a project or paper that presents a synthesis of knowledge on a specific topic and its related issues.
4. demonstrate an ability to make connections between different disciplines as they relate to the topic.
5. demonstrate effective communication skills in the medium chosen for the project or paper.
Department of Accounting/Finance

Steve Hall, Chair
Professors: Borden, Carstenson, Elder, Hall, Morgan, Smith, Swinney
Associate Professors: Frickel, Seaton, Trewin, Young
Assistant Professor: Hayes

Department Objectives:
The Department of Accounting/Finance exists to provide University of Nebraska at Kearney students with the accounting, finance, and legal knowledge necessary to compete in a global business environment. Specifically, the Department:

• provides all students of the University preparing for careers in business the foundation knowledge in accounting, finance and business law necessary to communicate in a business organization;
• provides accounting students preparing for careers in public practice, private industry, government, and not-for-profit organizations a substantial foundation in accounting, as well as critical thinking, communication, and interpersonal skills;
• provides finance students preparing for careers in corporate finance, banking, investment counseling, and government financial services a substantial foundation in finance, as well as critical thinking, communication, and interpersonal skills.

College of Business and Technology Graduation Requirements
All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

BUSINESS ADMINISTRATION MAJOR
The Department of Accounting/Finance offers two emphases in this major:

• Business Administration Comprehensive Option - Bachelor of Science Degree
  (Select one Emphasis; two Emphases maximum)
  Accounting Emphasis
  Finance Emphasis

For additional areas of emphasis see Department of Management and Department of Marketing and Management Information Systems.

A minor in Accounting or Finance is available for students pursuing majors in other disciplines.

Courses with the prefixes BACC and BFIN are offered by the department. See page 187.

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Offered by Department of Accounting/Finance
Business Administration Major

Bachelor of Science
BT BS 1203 EP 3001
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies .................................................. 45
including General Studies coursework required by major (2.0 GPA required)

- English Language minimum ........................................... 9
- Humanities minimum .................................................... 9
- Mathematics, Statistics & Computer Science minimum ...
  6 including:
  - MATH 102*, College Algebra ........................................ 3 hours
  - MATH 123, Applied Calculus I .................................... 3 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level.

- Natural Sciences minimum ............................................ 7
- Social and Behavioral Sciences minimum ...................... 12 including:
  - ECON 270GS, Principles of Economics, Macroeconomics ..3 hours
  - ECON 271GS, Principles of Economics, Microeconomics ..3 hours
- Personal Development minimum .................................. 2

BS Science-related course requirements .......................... 0
Major Option ................................................................. 66
Minimum total hours required coursework ....................... 111
Unrestricted electives in 125 hour program ...................... 14
Minimum total hours required for BS in Business Administration Comprehensive .................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Business Administration Comprehensive Core Requirements
(36 hours required) (2.0 GPA required)
Take all of the following:

- BACC 250, Principles of Accounting I ................................ 3 hours
- BACC 251, Principles of Accounting II ................................ 3 hours
- BACC 311, Business Law .............................................. 3 hours
- BMIS 302, Principles of Finance .................................... 3 hours
- BMGT 233, Business Statistics ....................................... 3 hours
- BMGT 301, Principles of Management .............................. 3 hours
- BMGT 314, Operations Management ............................... 3 hours
- BMGT 493, Social Responsibilities of Business: Issues and Ethics .................................................. 3 hours
- BMGT 495, Administrative Strategy and Policy ................3 hours
- BMIS 302, Principles of Management Information Systems ..3 hours
- BMKT 300, Principles ofMarketing ................................ 3 hours
- BSED 295, Business Communications ........................... 3 hours

B. Business Administration Comprehensive Economics
Requirement (3 hours required)
Take 3 hours from:
- ECON 300-ECON 498

C. Accounting Emphasis Requirements (27 hours required)
(2.0 GPA required in Accounting Emphasis Courses)
Take all of the following:

- BACC 350, Intermediate Accounting I ................................ 3 hours
- BACC 351, Intermediate Accounting II ................................ 3 hours
- BACC 352, Cost Accounting .......................................... 3 hours
A. Business Administration Comprehensive Core Requirements

(36 hours required) (2.0 GPA required)

Take all of the following:

- BACC 250, Principles of Accounting I 3 hours
- BACC 251, Principles of Accounting II 3 hours
- BACC 311, Business Law 3 hours
- BFIN 308, Principles of Finance 3 hours
- BMGT 233, Business Statistics 3 hours
- BMGT 301, Principles of Management 3 hours
- BMKT 304, Operations Management 3 hours
- BMGT 493, Social Responsibilities of Business: Issues and Ethics 3 hours
- BACC 495, Administrative Strategy and Policy 3 hours
- BMIS 302, Principles of Management Information Systems 3 hours
- BACC 300, Principles of Marketing 3 hours
- BSED 295, Business Communications 3 hours

B. Business Administration Comprehensive Economics

Requirement (3 hours required)

Take 3 hours from:

- ECON 300-ECON 498

C. Finance Emphasis (21 hours required) (2.0 GPA required in Finance Emphasis Courses)

Take all of the following:

- BFIN 408, Corporate Finance 3 hours
- BACC 422, Financial Institutions 3 hours
- BFIN 476, Short-Term Financial Management 3 hours
- BFIN 480, Investments 3 hours
- BFIN 492, Case Studies in Financial Management 3 hours

Take 1 additional course from:

- BACC 312, Commercial Law 3 hours
- BACC 350, Intermediate Accounting I 3 hours
- BACC 351, Intermediate Accounting II 3 hours
- BFIN 316, Insurance 3 hours
- BFIN 344, Real Estate Principles 3 hours

Offered by Department of Accounting/Finance

Accounting Minor

MN 1132

Minimum hours required for minor 21 hours

Requirements

Take all of the following:

- BACC 250, Principles of Accounting I 3 hours
- BACC 251, Principles of Accounting II 3 hours
- BACC 350, Intermediate Accounting I 3 hours
- BACC 351, Intermediate Accounting II 3 hours
- BMGT 495, Administrative Strategy and Policy 3 hours
- BFIN 316, Insurance 3 hours
- BFIN 476, Short-Term Financial Management 3 hours
- BFIN 480, Investments 3 hours
- BFIN 492, Case Studies in Financial Management 3 hours

Take 1 additional course from:

- BACC 312, Commercial Law 3 hours
- BACC 350, Intermediate Accounting I 3 hours
- BACC 351, Intermediate Accounting II 3 hours
- BFIN 316, Insurance 3 hours
- BFIN 344, Real Estate Principles 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

Offered by Department of Accounting/Finance

Finance Minor

MN 1131

Minimum hours required for minor 24 hours

Requirements

Take all of the following:

- BACC 250, Principles of Accounting I 3 hours
- BACC 251, Principles of Accounting II 3 hours
- BFIN 308, Principles of Finance 3 hours
- BACC 451, Tax Accounting 3 hours
- BACC 312, Commercial Law 3 hours
- BMGT 314, Operations Management 3 hours
- BACC 495, Administrative Strategy and Policy 3 hours
- BACC 350, Intermediate Accounting I 3 hours
- BACC 351, Intermediate Accounting II 3 hours
- BFIN 344, Real Estate Principles 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.
Take 2 courses from:
BFIN 316, Insurance.........................................................3 hours
BFIN 344, Real Estate Principles.........................................3 hours
BFIN 422, Financial Institutions.......................................3 hours
(Prereq: BFIN 480)
BFIN 476, Short-Term Financial Management....................3 hours
BFIN 480, Investments....................................................3 hours
(Prereq: BFIN 308, ECON 270GS)

College of Fine Arts and Humanities

Department of Art and Art History

Ronald Crocker, Interim Chair
Professors: H. Jacobson, Schuessler
Associate Professors: Alden, Dennis, Goro-Rapoport, Hartman, Lang
Assistant Professors: Burbul, Fonfara, Santos, Stanko
Lecturers: John Fronczak, Mikirahan
Adjunct: Abell, C. Jacobsen, Kosmicki, Lightner, Risk

Department Objectives:
• To provide for professional and cultural study with courses giving a
  concentrated experience for those interested in a professional career
  in art. Degrees in studio art and visual communication and design
  can be completed;
• To prepare teachers of art for a professional career in education.
  Creative ability, professional proficiency and understanding of the
  psychology of art education are stressed;
• To enable art and non-art majors to acquire an awareness and
  appreciation of their cultural heritage. Important resources in this
  process include the Walker Art Gallery, the Museum of Nebraska Art
  (MONA), and study tours. Students may develop individual abilities
  through studio courses or add to their cultural background through
  the study of art history.

ART MAJOR

Five options are available in this major:

I. Studio Art Option -
   Bachelor of Arts Degree

II. Art History Option -
    Bachelor of Arts Degree

III. Studio Art Comprehensive Option -
    Bachelor of Fine Arts Degree

   Drawing Emphasis
   Ceramics Emphasis
   Glass Emphasis
   Painting Emphasis
   Printmaking Emphasis
   Sculpture Emphasis

IV. Visual Communication and Design Option -
    Bachelor of Fine Arts Degree

V. Art K-12 Teaching Field Endorsement Option -
    Bachelor of Arts in Education Degree

A minor in Art, Art History, or Visual Communication and Design is
available for students pursuing majors in other disciplines. The Elementary
Education Major has a specially defined minor in Art.

Courses with the prefix ART are offered by the department. See
page 182.

Bachelor of Arts in Education Degree

Bachelor of Fine Arts Degree

Bachelor of Fine Arts Degree

Bachelor of Arts FAH BA 3105

Minimum General Studies..............................................45
   English Language minimum....................................9
   Humanities minimum.............................................9
   Mathematics, Statistics & Computer Science minimum....3
   Natural Sciences minimum....................................7
   Social and Behavioral Sciences minimum...................9
   Personal Development minimum...............................2

BA Language requirement....................................a minimum of 6
   For specific language requirements see Bachelor of Arts Degree
   requirements.

Major Option .................................................................36

Minor or 2nd Major, minimum.........................................24
   Minors are 24 hours; 18 must be unduplicated. Electing a second major
   may add as many as 18 required hours. Should 6 hours of the minor also
   meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework..........................111

Unrestricted electives in 125 hour program......................14

Minimum total hours required for BA in Studio Art...........125
   All UNK degrees require a minimum of 125 hours. Forty (40) of
   the hours required for all UNK degrees must be upper division hours,
   which are courses numbered 300 or above taken at a 4-year college
   or university.

A. Studio Art Foundation Requirements (27 hours required)

Take all of the following:

   ART 102, Drawing I.................................................3 hours
   ART 118, Color and Design....................................3 hours
   ART 202, Drawing II..............................................3 hours
   ART 214, Painting I...............................................3 hours
   ART 221, Art History Survey I.................................3 hours
   ART 230, Ceramics I..............................................3 hours
   ART 246, Sculpture I..............................................3 hours
   ART 321, Art History Survey II............................3 hours

   ART 497, Senior Project: BA....................................3 hours

B. Studio Art Studio Requirements (9 hours required)

Take 9 hours from:

   ART 216, Water Based Media.................................3 hours
   ART 228, Creative Photography............................3 hours
   ART 235, Printmaking I......................................3 hours
   ART 244, Glass I..................................................3 hours
   ART 252, Life Drawing..........................................3 hours
   ART 314A, Painting II..........................................3 hours
   ART 314B, Painting III.......................................3 hours
   ART 314C, Painting IV......................................3 hours
   ART 330A, Ceramics II.....................................3 hours
   ART 330B, Ceramics III..................................3 hours
   ART 330C, Ceramics IV..................................3 hours
   ART 35A, Printmaking II..................................3 hours
   (Prereq: ART 235)

   ART 344A, Glass II.............................................3 hours
   (Prereq: ART 244)

   ART 344B, Glass III...........................................3 hours
   ART 346A, Sculpture II....................................3 hours
   ART 346B, Sculpture III................................3 hours
   ART 346C, Sculpture IV..................................3 hours
   ART 352A, Drawing III.....................................3 hours
   (Prereq: ART 252)

   ART 352B, Drawing IV......................................3 hours
   ART 403, Individual Problems in Art.......................3 hours
Art History Option

Bachelor of Arts

BAH BFA 3106

Minimum General Studies .............................................. 45
English Language minimum ........................................... 9
Humanities minimum ..................................................... 9
Mathematics, Statistics & Computer Science minimum ....... 3
Natural Sciences minimum .............................................. 7
Social and Behavioral Sciences minimum ....................... 9
Personal Development minimum .................................... 2

BA Language requirement .............................................. 36
For specific language requirements see Bachelor of Arts Degree requirements.

Minor or 2nd Major, minimum ........................................ 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ....................... 111

Unrestricted electives in 125 hour program ..................... 14

Minimum total hours required for BA in Art History .......... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Art History Requirements (30 hours required)
Take all of the following:
ART 221, Art History Survey I ...................................... 3 hours
ART 303, History of Renaissance Art .............................. 3 hours
ART 310, Art of Baroque and Rococo Era ....................... 3 hours
ART 321, Art History Survey II ..................................... 3 hours
ART 325, History of Modern Art .................................. 3 hours
ART 326, History of American Art ................................ 3 hours
ART 405, History of 19th Century Art ............................ 3 hours
ART 415, Modern: Art Since the ‘50s ............................. 3 hours
ART 425, Critical Perspectives ..................................... 3 hours
ART 440, Special Problems in Art History ................. 3-6 hours

B. Art History Elective (6 hours required)
Take 6 hours from any additional Art History courses:
Recommended electives:
ART 226, Non Western Survey I: Art in India, China and Japan ............. 3 hours
ART 475, Cultural Studies Through Art ......................... 3 hours
Additional Art History elective options:
ART 275, Cultural Studies Through Art ......................... 3-6 hours
ART 409, History of Nebraska Art ................................. 1-3 hours
ART 422, Women in Art .................................................. 3 hours
ART 474, Special Topics in Art ....................................... 3-6 hours

Offered by Department of Art and Art History
Art Major

Studio Art Comprehensive Option

Drawing, Ceramics, Glass, Painting, Printmaking, Sculpture Emphasizes

Bachelor of Fine Arts

FAH BFA 3110

Minimum General Studies .............................................. 45
English Language minimum ........................................... 9
Humanities minimum ..................................................... 9
Mathematics, Statistics & Computer Science minimum ....... 3

Natural Sciences minimum .............................................. 7
Social and Behavioral Sciences minimum ....................... 9
Personal Development minimum .................................... 2

BFA Fine Arts Related requirement ............................. 84
Minimum total hours required coursework .................... 129
Unrestricted electives in 125 hour program ..................... 0
Minimum total hours required for BFA in Studio Art Comprehensive .................. 129
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Studio Art Comprehensive Requirements (39 hours required)
Take all of the following:
ART 102, Drawing I ...................................................... 3 hours
ART 118, Color and Design ........................................... 3 hours
ART 202, Drawing II ..................................................... 3 hours
ART 214, Painting I ....................................................... 3 hours
ART 221, Art History Survey I ...................................... 3 hours
ART 230, Ceramics I ..................................................... 3 hours
ART 246, Sculpture I ..................................................... 3 hours
ART 252, Life Drawing .................................................. 3 hours
ART 321, Art History Survey II ..................................... 3 hours
ART 425, Critical Perspectives ..................................... 3 hours
ART 499, Senior Project: BFA ........................................ 3 hours
Take 6 hours from the following Art History courses:
ART 226, Non Western Survey I: Art in India, China and Japan ............. 3 hours
ART 303, History of Renaissance Art ................................ 3 hours
ART 310, Art of Baroque and Rococo Era .......................... 3 hours
ART 325, History of Modern Art .................................... 3 hours
ART 326, History of American Art .................................. 3 hours
ART 405, History of 19th Century Art ............................. 3 hours
ART 415, Modern: Art Since the ‘50s ............................. 3 hours
ART 422, Women in Art .................................................. 3 hours
ART 440, Special Problems in Art History ...................... 1-3 hours
ART 475, Cultural Studies Through Art ......................... 3-6 hours

B. Studio Art Comprehensive Emphasis (33 hours required)
Choose one of the following options:
Take 33 hours from the courses listed in one emphasis
OR take 21 hours from a primary emphasis and 12 hours from a secondary emphasis

1. Drawing Emphasis
EP 3033
Take all of the following:
ART 352A, Drawing III ................................................ 3 hours
ART 352B, Drawing IV ................................................ 3 hours
ART 352C, Drawing V ................................................ 3 hours
ART 452A, Drawing VI ................................................ 3 hours
ART 452B, Drawing VII ............................................. 3 hours
ART 452C, Drawing VIII ............................................. 3 hours
Complete emphasis hours from:
ART 403, Individual Problems in Art ......................... 1-9 hours
ART 450, Special Topics ............................................. 1-9 hours

2. Ceramics Emphasis
EP 3034
Take all of the following:
ART 330A, Ceramics II ................................................ 3 hours
ART 330B, Ceramics III ............................................. 3 hours
ART 330C, Ceramics IV ............................................. 3 hours
ART 430A, Ceramics V ............................................. 3 hours
ART 430B, Ceramics VI ............................................. 3 hours
ART 430C, Ceramics VII ............................................ 3 hours
Complete emphasis hours from:
ART 403, Individual Problems in Art ......................... 1-9 hours
ART 450, Special Topics ............................................. 1-9 hours
3. **Glass Emphasis**

   EP 3035
   Take all of the following:
   
   ART 344A, Glass II ........................................... 3 hours  
   (Prereq: ART 244)
   ART 344B, Glass III ........................................... 3 hours 
   ART 344C, Glass IV ........................................... 3 hours 
   ART 444A, Glass V ........................................... 3 hours 
   ART 444B, Glass VI ........................................... 3 hours 
   ART 444C, Glass VII ........................................... 3 hours 
   
   Complete emphasis hours from:
   
   ART 403, Individual Problems in Art.......................... 1-9 hours 
   ART 450, Special Topics ........................................ 1-9 hours 

4. **Painting Emphasis**

   EP 3036
   Take all of the following:
   
   ART 314A, Painting II ........................................... 3 hours 
   ART 314B, Painting III ........................................... 3 hours 
   ART 314C, Painting IV ........................................... 3 hours 
   ART 414A, Advanced Painting V ................................ 3 hours 
   ART 414B, Advanced Painting VI ................................ 3 hours 
   ART 414C, Advanced Painting VII ................................ 3 hours 
   
   Complete emphasis hours from:
   
   ART 403, Individual Problems in Art.......................... 1-9 hours 
   ART 450, Special Topics ........................................ 1-9 hours 

5. **Printmaking Emphasis**

   EP 3037
   Take all of the following:
   
   ART 335A, Printmaking II .................................... 3 hours  
   (Prereq: ART 235)
   ART 335B, Printmaking III .................................... 3 hours 
   ART 335C, Printmaking IV .................................... 3 hours 
   ART 435A, Printmaking V .................................... 3 hours 
   ART 435B, Printmaking VI .................................... 3 hours 
   ART 435C, Printmaking VII .................................... 3 hours 
   
   Complete emphasis hours from:
   
   ART 403, Individual Problems in Art.......................... 1-9 hours 
   ART 450, Special Topics ........................................ 1-9 hours 

6. **Sculpture Emphasis**

   EP 3038
   Take all of the following:
   
   ART 346A, Sculpture II ........................................... 3 hours 
   ART 346B, Sculpture III ........................................... 3 hours 
   ART 346C, Sculpture IV ........................................... 3 hours 
   ART 446A, Sculpture V ........................................... 3 hours 
   ART 446B, Sculpture VI ........................................... 3 hours 
   ART 446C, Sculpture VII ........................................... 3 hours 
   
   Complete emphasis hours from:
   
   ART 403, Individual Problems in Art.......................... 1-9 hours 
   ART 450, Special Topics ........................................ 1-9 hours 

C. **Studio Art Comprehensive Specialization (12 hours required)**

   Take 12 hours from the following studio electives outside the student’s primary or secondary studio areas:
   
   ART 202, Drawing I ........................................... 3 hours 
   ART 214, Painting ........................................... 3 hours 
   ART 216, Water Based Media ................................... 3 hours 
   ART 228, Creative Photography ................................ 3 hours 
   ART 230, Ceramics I ........................................... 3 hours 
   ART 235, Printmaking I ........................................... 3 hours 
   ART 244, Glass I ........................................... 3 hours 
   ART 246, Sculpture I ........................................... 3 hours 
   ART 252, Life Drawing ........................................... 3 hours 
   ART 314A, Painting II ........................................... 3 hours 
   ART 314B, Painting III ........................................... 3 hours 
   ART 314C, Painting IV ........................................... 3 hours 
   ART 330A, Ceramics II ........................................... 3 hours 

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**Art and Art History**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 330B, Ceramics III</td>
<td>3</td>
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<tr>
<td>ART 330C, Ceramics IV</td>
<td>3</td>
</tr>
<tr>
<td>ART 335A, Printmaking II</td>
<td>3</td>
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<tr>
<td>ART 335B, Printmaking III</td>
<td>3</td>
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<tr>
<td>ART 335C, Printmaking IV</td>
<td>3</td>
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<tr>
<td>ART 344A, Glass II</td>
<td>3</td>
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<tr>
<td>ART 344B, Glass III</td>
<td>3</td>
</tr>
<tr>
<td>ART 344C, Glass IV</td>
<td>3</td>
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<tr>
<td>ART 346A, Sculpture II</td>
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<tr>
<td>ART 346B, Sculpture III</td>
<td>3</td>
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<td>ART 346C, Sculpture IV</td>
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<tr>
<td>ART 346D, Sculpture V</td>
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<tr>
<td>ART 352A, Drawing III</td>
<td>3</td>
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<td>ART 352B, Drawing IV</td>
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<td>ART 352C, Drawing V</td>
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<td>ART 403, Individual Problems in Art</td>
<td>1-9</td>
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<tr>
<td>ART 414A, Advanced Painting V</td>
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<td>ART 414B, Advanced Painting VI</td>
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<td>ART 414C, Advanced Painting VII</td>
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<td>ART 430A, Ceramics V</td>
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<td>ART 430B, Ceramics VI</td>
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<td>ART 430C, Ceramics VII</td>
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<td>ART 435A, Printmaking V</td>
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<td>ART 435C, Printmaking VII</td>
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<td>ART 444A, Glass V</td>
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<td>ART 444B, Glass VI</td>
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<td>ART 444C, Glass VII</td>
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<td>ART 446A, Sculpture V</td>
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<td>ART 446B, Sculpture VI</td>
<td>3</td>
</tr>
<tr>
<td>ART 446C, Sculpture VII</td>
<td>3</td>
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<tr>
<td>ART 450, Special Topics</td>
<td>1-9</td>
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<tr>
<td>ART 452A, Drawing VI</td>
<td>3</td>
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<td>ART 452B, Drawing VII</td>
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<tr>
<td>ART 452C, Drawing VIII</td>
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</tbody>
</table>

**Offered by Department of Art and Art History**

**Art Major**

**Visual Communication and Design Comprehensive Option**

**Bachelor of Fine Arts** FAH BFA 3111

**Minimum General Studies** .............................................. 45

<table>
<thead>
<tr>
<th>Category</th>
<th>Minimum Hours</th>
</tr>
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<tbody>
<tr>
<td>English Language minimum</td>
<td>9</td>
</tr>
<tr>
<td>Humanities minimum</td>
<td>9</td>
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<tr>
<td>Mathematics, Statistics &amp; Computer Science minimum</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences minimum</td>
<td>7</td>
</tr>
<tr>
<td>Social and Behavioral Sciences minimum</td>
<td>9</td>
</tr>
<tr>
<td>Personal Development minimum</td>
<td>2</td>
</tr>
</tbody>
</table>

**BFA Fine Arts Related requirement** .............................................. 0

**Minimum total hours required coursework** .............................................. 132

**Unrestricted electives in 125 hour program** .............................................. 0

**Minimum total hours required for BFA in Visual Communication and Design Comprehensive** .............................................. 132

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**A. Visual Communication and Design Requirements** (45 hours required)

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102, Drawing I</td>
<td>3</td>
</tr>
</tbody>
</table>
Art and Art History

Take 6 hours from the following Art History courses:

- ART 226, Non Western Survey I: Art in India, China and Japan: 3 hours
- ART 303, History of Renaissance Art: 3 hours
- ART 310, Art of Baroque and Rococo Era: 3 hours
- ART 325, History of Modern Art: 3 hours
- ART 326, History of American Art: 3 hours
- ART 405, History of 19th Century Art: 3 hours
- ART 415, Late Modern: Art Since the '50s: 3 hours
- ART 422, Women in Art: 3 hours
- ART 440, Special Problems in Art History: 1-3 hours
- ART 475, Cultural Studies Through Art: 3-6 hours

Take 6 hours from the following studio courses:

- ART 216, Water Based Media: 3 hours
- ART 228, Creative Photography: 3 hours
- ART 235, Printmaking I: 3 hours
- ART 244, Glass I: 3 hours
- ART 304, Computer Animation I: 3 hours
  (Prereq: ART 305)
- ART 314A, Painting II: 3 hours
- ART 314B, Painting III: 3 hours
- ART 330A, Ceramics II: 3 hours
- ART 330B, Ceramics III: 3 hours
- ART 335A, Printmaking II: 3 hours
  (Prereq: ART 235)
- ART 344A, Glass II: 3 hours
  (Prereq: ART 244)
- ART 346A, Sculpture II: 3 hours
- ART 346B, Sculpture III: 3 hours
- ART 352A, Drawing III: 3 hours
- ART 352B, Drawing IV: 3 hours
- ART 403, Individual Problems in Art: 3 hours
- ART 454, Computer Animation II: 3 hours
  (Prereq: ART 305 or ART 305M)

B. Visual Communication and Design Specialization

Requirements (42 hours required)

Take all of the following:

- ART 218, Introduction to Graphic Design: 3 hours
- ART 301, Typography I: 3 hours
- ART 305, Computers & Design: 3 hours
- ART 311, Print Production: 3 hours
- ART 318, Graphic Design I: 3 hours
- ART 319, Design Illustration I: 3 hours
- ART 351, Typography II: 3 hours
- ART 355, Electronic Imaging: 3 hours
- ART 368, Graphic Design II: 3 hours
- ART 413, Design Practice: 3 hours
- ART 418, Graphic Design III: 3 hours
- ART 450, Special Topics: 3 hours
- ART 468, Package Design: 3 hours

Take one of the following:

- ART 304, Computer Animation I: 3 hours
- ART 369, Design Illustration II: 3 hours

Offered by Department of Art and Art History
Art Major

Art K-12 Teaching
Field Endorsement Option

Bachelor of Arts in Education          FAH BAE 3107
Minimum General Studies..................45
including General Studies coursework required by Teacher Education

English Language minimum...................9 including:
  ENG 101GS, Expository Writing I........3 hours
  ENG 102GS, Expository Writing II.......3 hours
  SPCH 100GS, Fundamentals of Speech Communication...3 hours

Humanities minimum......................12 including:
  Take 1 course from:
    HIST 210GS, Western Civilization.......3 hours
    HIST 211GS, Western Civilization......3 hours
    HIST 212GS, Non-Western World History..3 hours
    HIST 215GS, Introduction to Latin America...3 hours
  Take 1 course from:
    HIST 250GS, American History.........3 hours
    HIST 251GS, American History.........3 hours

Mathematics, Statistics & Computer Science minimum........3

Natural Sciences minimum................7

Social and Behavioral Sciences minimum.....9 including:
  PSCI 110GS, Introduction to American Politics..3 hours
  Take any Economic Perspective GS course....3 hours
  Take any GS course from:
    Social Perspective, Geographical Perspective or
    Behavioral Perspective..................3 hours

Personal Development minimum.............3 including:
  PE 160GS, Healthful Living.............3 hours

Professional Sequence.....................29 including:
  TE 319, Management and Assessment
  in K-12/Secondary Classrooms..............2 hours
    Students must apply for admission to all Teacher Education
    programs.

Endorsement..................................59

Minimum total hours required coursework........133
Unrestricted electives in 125 hour program........0

Minimum total hours required for BAE
in Art K-12 Teaching Field Endorsement..........133

All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

A. Art Field Endorsement Requirements (37 hours required)

Take all of the following:

- ART 102, Drawing I................................3 hours
- ART 118, Color and Design..................3 hours
- ART 202, Drawing II..........................3 hours
- ART 216, Water Based Media................3 hours
- ART 221, Art History Survey I..............3 hours
- ART 230, Ceramics I..........................3 hours
- ART 243, Printmaking I......................3 hours
- ART 246, Sculpture I..........................3 hours
- ART 252, Life Drawing.......................3 hours
- ART 305, Computers and Design............3 hours
  (Prereq: ART 218)
- ART 321, Art History Survey II............3 hours
- ART 425, Critical Perspectives.............3 hours
- ART 498, Senior Project: Art Education....1 hour

B. Art Field Endorsement Electives (12 hours required)

Take 0-3 hours from:

- ART 214, Painting I..........................3 hours
- ART 218, Introduction to Graphic Design..3 hours
- ART 228, Creative Photography.............3 hours
- ART 244, Glass I..............................3 hours
Take 9-12 hours of 300-level and above studio emphasis electives from:

1. Ceramics Emphasis
   ART 330A, Ceramics II ........................................ 3 hours
   ART 330B, Ceramics III ....................................... 3 hours
   ART 330C, Ceramics IV ....................................... 3 hours
   ART 430A, Ceramics V ....................................... 3 hours
   ART 430B, Ceramics VI ..................................... 3 hours
   ART 430C, Ceramics VII ..................................... 3 hours

2. Sculpture Emphasis
   ART 346A, Sculpture II ...................................... 3 hours
   ART 346B, Sculpture III ..................................... 3 hours
   ART 346C, Sculpture IV ..................................... 3 hours
   ART 446A, Sculpture V ...................................... 3 hours
   ART 446B, Sculpture VI ..................................... 3 hours
   ART 446C, Sculpture VII .................................... 3 hours

3. Printmaking Emphasis
   ART 335A, Printmaking II .................................. 3 hours
   ART 335B, Printmaking III .................................. 3 hours
   ART 335C, Printmaking IV .................................. 3 hours
   ART 435A, Printmaking V .................................. 3 hours
   ART 435B, Printmaking VI .................................. 3 hours
   ART 435C, Printmaking VII .................................. 3 hours

4. Glass Emphasis
   ART 344A, Glass II ........................................ 3 hours
   (Prereq: ART 244)
   ART 344B, Glass III ........................................ 3 hours
   ART 344C, Glass IV ......................................... 3 hours
   ART 444A, Glass V .......................................... 3 hours
   ART 444B, Glass VI .......................................... 3 hours
   ART 444C, Glass VII ......................................... 3 hours

5. Painting Emphasis
   ART 314A, Painting II ....................................... 3 hours
   ART 314B, Painting III ...................................... 3 hours
   ART 314C, Painting IV ...................................... 3 hours
   ART 414A, Advanced Painting V ........................... 3 hours
   ART 414B, Advanced Painting VI ........................... 3 hours
   ART 414C, Advanced Painting VII .......................... 3 hours

6. Drawing Emphasis
   ART 352A, Drawing ......................................... 3 hours
   ART 352B, Drawing IV ...................................... 3 hours
   ART 352C, Drawing V ...................................... 3 hours
   ART 452A, Drawing VI ...................................... 3 hours
   ART 452B, Drawing VII ..................................... 3 hours
   ART 452C, Drawing VIII .................................... 3 hours

7. Visual Communication Design (by advisement)

C. Art History Electives (3 hours required)
   Take 1 course from:
   ART 303, History of Renaissance Art .................... 3 hours
   ART 310, Art of Baroque and Rococo Era ................ 3 hours
   ART 325, History of Modern Art ........................... 3 hours
   ART 326, History of American Art ........................ 3 hours
   ART 405, History of 19th Century Art .................... 3 hours
   ART 422, Women in Art ..................................... 3 hours

D. Art Education Professional Requirements (7 hours required)
   Take all of the following:
   ART 362, Art Methods for Elementary Art Educators ....... 2 hours
   ART 365, Field Experience in PK-6 Art Classrooms ........ 1 hour
   ART 370, Art Methods ....................................... 3 hours
   ART 371, Field Experience in 7-12 Art Classrooms ....... 1 hour

**Minimum hours required for minor: 24**

**Art Minor Requirements (15 hours required)**

Take all of the following:
   ART 102, Drawing I ......................................... 3 hours
   ART 118, Color and Design ................................ 3 hours
   ART 120GS, Art Appreciation ................................ 3 hours
   Take 1 course from:
   ART 214, Painting I ......................................... 3 hours
   ART 216, Water Based Media ................................ 3 hours
   Take 1 course from:
   ART 230, Ceramics I ....................................... 3 hours
   ART 246, Sculpture I ...................................... 3 hours
   Art Minor Electives (9 hours required)
   Take 3 hours from Area 1: Two-Dimensional
   ART 202, Drawing II ....................................... 3 hours
   ART 214, Painting II ....................................... 3 hours
   ART 216, Water Based Media ................................ 3 hours
   ART 218, Introduction to Graphic Design ................ 3 hours
   ART 228, Creative Photography ........................... 3 hours
   ART 235, Printmaking I .................................... 3 hours
   ART 252, Life Drawing ...................................... 3 hours
   (Prereq: ART 202)
   ART 352A, Drawing III .................................... 3 hours
   (Prereq: ART 252)
   Take 3 hours from Area 2: Three-Dimensional
   ART 230, Ceramics I ....................................... 3 hours
   ART 244, Glass I ........................................... 3 hours
   ART 246, Sculpture I ...................................... 3 hours
   Take 3 hours from any other ART courses

**Minimum hours required for minor: 24**

This minor is for those students desiring an introductory study of and experience with art fundamentals, and two- and three-dimensional studio processes, tools and techniques. This course of study does not fulfill certification requirements for teaching.

**Art History Minor**

**Minimum hours required for minor: 24**

This minor is for those students desiring an introductory study of the language and historical framework of art. This course of study does not fulfill certification requirements for teaching.

**Requirements**

Take all of the following:
   ART 221, Art History Survey I .............................. 3 hours
   ART 303, History of Renaissance Art ..................... 3 hours
   ART 321, Art History Survey II ............................ 3 hours
   ART 325, History of Modern Art ........................... 3 hours
   ART 326, History of American Art ........................ 3 hours
   ART 405, History of 19th Century Art .................... 3 hours
   ART 425, Critical Perspectives ............................ 3 hours
   Take 3 hours from any other ART courses
Art Minor-Elementary Education

Minimum hours required for minor: 24

This minor is for those students desiring an introductory study in Visual Communication and Design. This course of study does not fulfill certification requirements for teaching.

Requirements

Take all of the following:

- ART 102, Drawing I ........................................... 3 hours
- ART 118, Color and Design .................................. 3 hours
- ART 218, Introduction to Graphic Design ............... 3 hours
- ART 301, Typography I ....................................... 3 hours
- ART 305, Computers and Design .......................... 3 hours
- ART 311, Print Production ................................... 3 hours
- ART 318, Graphic Design I .................................. 3 hours

Take 3 hours from the following Art History courses:

- ART 226, Non Western Survey I:
  - Art in India, China and Japan .......................... 3 hours
  (Prereq: ART 321)
- ART 303, History of Renaissance Art .................... 3 hours
  (Prereq: ART 321)
- ART 310, Art of Baroque and Rococo Era ............... 3 hours
  (Prereq: ART 321)
- ART 325, History of Modern Art ........................ 3 hours
  (Prereq: ART 321)
- ART 326, History of American Art ....................... 3 hours
  (Prereq: ART 321)
- ART 405, History of 19th Century Art ................. 3 hours
  (Prereq: ART 321)
- ART 415, Late Modem: Art Since the '50s ............... 3 hours
  (Prereq: ART 321)
- ART 422, Women in Art ................................... 3 hours
- ART 440, Special Problems in Art History .............. 1-3 hours
  (Prereq: ART 321)
- ART 475, Cultural Studies Through Art ................. 3-6 hours
  (Prereq: ART 321)

Take any 3 hour Art History offering

Biology Major

Three options are available in this major:

I. Biology Option - Bachelor of Science Degree
   General Emphasis
   Wildlife Emphasis
   Health Science Emphasis

II. Biology Comprehensive Option - Bachelor of Science Degree
   General Emphasis
   Pre-Veterinary Medicine
   Pre-Forestry and Wildlife

III. Biology 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree

The minors in Biology and Environmental Science are available for students pursuing majors in other disciplines.

The Department advises students in 2+2 programs in Agriculture and Natural Resources, which are completed in the College of Agriculture and Natural Resources at UNL. The Department also advises Pre-Veterinary Medicine, Pre-Forestry and Wildlife students.

Courses with the prefix BIOL are offered by the department. See page 188.
Biology Option

Bachelor of Science  
NSS BS 5104

Minimum General Studies ........................................... 45

+ General Studies coursework required by major .................. 46

English Language minimum .................................. 9

Humanities minimum ........................................... 9

Mathematics, Statistics & Computer Science minimum ... 6 including:
(The Biology degree requires a minimal mathematical competency at the level of trigonometry. Students with sufficient preparation may enter the mathematics program at a higher level reducing the total hours needed for the General Studies. See advisor for math placement.)

MATH 102, College Algebra .................................. 3 hours
MATH 103, Plane Trigonometry ................................. 3 hours

Natural Sciences minimum ...................................... 11 including:
CHEM 160GS, General Chemistry ....................... 3 hours
CHEM 160LG5, General Chemistry Laboratory .......... 1 hour
CHEM 161GS, General Chemistry ......................... 3 hours
CHEM 161LG5, General Chemistry Laboratory .......... 1 hour

Major Option ................................................................ 36

Minor or 2nd Major, minimum .................................. 24

BS Science-related course requirements ....................... 8 including:
CHEM 160GS, General Chemistry ....................... 3 hours
CHEM 160LG5, General Chemistry Laboratory .......... 1 hour
CHEM 161GS, General Chemistry ......................... 3 hours
CHEM 161LG5, General Chemistry Laboratory .......... 1 hour

Minimum total hours required coursework ..................... 114

Unrestricted electives in 125 hour program ..................... 11

Minimum total hours required for BS in Biology ............ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A minimum 2.5 GPA is required in all courses counting toward this major.

A. Biology Option Core Requirements (19 hours required)

Take all of the following:

BIOL 201, Fundamental Tools for Biological Studies .......... 2 hours
BIOL 209, Evolution ............................................ 3 hours
BIOL 307, Ecology ............................................ 3 hours
BIOL 309, Cellular Biology .................................... 4 hours
BIOL 360, Genetics ............................................ 4 hours
BIOL 375, Scientific Communication ......................... 1 hour
BIOL 420, Biology Research .................................... 2 hours

B. Biology Option Required Electives (12 hours required)

Take ONE of the following Statistics courses:

BIOL 305, BioStatistics .......................................... 3 hours
STAT 241, Elementary Statistics ................................ 3 hours

Take 3 hours of Field electives:

BIOL 330, Wildlife Conservation ............................. 3 hours
BIOL 405, Range and Wildlife Management ............. 3 hours
BIOL 406, Plant Ecology ...................................... 3 hours
BIOL 418, Plant Taxonomy .................................... 3 hours
BIOL 433, Invertebrate Zoology ............................. 3 hours
BIOL 435, Herpetology ........................................ 3 hours
BIOL 462, Animal Behavior .................................... 3 hours
BIOL 470, Insect Biology ....................................... 3 hours
BIOL 472, Fresh Water Biology ............................... 4 hours
BIOL 473, Ornithology ......................................... 3 hours
BIOL 474, Mammalogy ......................................... 3 hours

C. Biology Option Supporting Course Requirements

(5 hours required)

Take ONE of the following options:

Take 2 courses:
CHEM 250, Elementary Organic Chemistry ............ 4 hours
CHEM 250L, Elementary Organic Chemistry Laboratory .... 1 hour

OR take 4 courses:
CHEM 360, Organic Chemistry ................................ 4 hours
CHEM 360L, Organic Chemistry Laboratory ............... 1 hour
CHEM 361, Organic Chemistry ................................ 4 hours
CHEM 361L, Organic Chemistry Laboratory ............... 1 hour

Biology Comprehensive Option

General, Wildlife, Health Science Emphases

Bachelor of Science  
NSS BS 5117

Minimum General Studies ........................................... 45

+ General Studies coursework required by major .................. 48

English Language minimum .................................. 9

Humanities minimum ........................................... 9

Mathematics, Statistics & Computer Science minimum ... 6 including:
(The Biology degree, General Emphasis and Health Science Emphases require a minimal mathematical competency at the level of trigonometry. Biology Emphasis requires a minimal mathematical competency at the level of calculus. Students with sufficient preparation may enter the mathematics program at a higher level reducing the total hours needed for the General Studies. See advisor for math placement.)

MATH 102, College Algebra .................................. 3 hours
MATH 103, Plane Trigonometry ................................. 3 hours

Natural Sciences minimum ...................................... 8-13 including:
BIOL 105GS, Biology I ......................................... 4 hours
BIOL 106GS, Biology II ......................................... 4 hours

General and Health Sciences Emphases ONLY take 1 course from:

PHYS 205GS, General Physics ................................ 5 hours
PHYS 206GS, General Physics ................................ 5 hours

Social and Behavioral Sciences minimum ................. 9

Personal Development minimum ................................ 2

BS Science-related course requirements ....................... 8 including:

CHEM 160GS, General Chemistry ....................... 3 hours
CHEM 160LG5, General Chemistry Laboratory .......... 1 hour
CHEM 161GS, General Chemistry ......................... 3 hours
CHEM 161LG5, General Chemistry Laboratory .......... 1 hour

Take 6 hours of Laboratory electives:

BIOL 211GS, Human Microbiology ................. 4 hours
BIOL 215GS, Human Physiology .................. 4 hours
BIOL 225, Anatomy and Physiology .............. 4 hours
BIOL 226, Anatomy and Physiology .............. 4 hours
(Prereq: BIOL 225 or permission of instructor)
BIOL 400, Microbiology .................................... 4 hours
BIOL 401, Principles of Immunology ............... 4 hours
(Prereq: BIOL 211GS or BIOL 400; BIOL 309 or CHEM 351
OR permission of instructor)
BIOL 403, Plant Physiology ................................ 3 hours
BIOL 404, Developmental Biology .................. 3 hours
BIOL 416, Plant Diversity and Evolution ............. 3 hours
BIOL 440, Infectious Diseases ......................... 4 hours
(Prereq: BIOL 211GS or BIOL 400 or permission)
BIOL 452, Techniques in Molecular Biology ........ 3 hours
BIOL 465, Physiology ...................................... 3 hours
BIOL 468, Parasitology ..................................... 3 hours

Offered by Department of Biology  
Biology Major
Major Option ............................................. 44-61
Minimum total hours required coursework..................100-114
Unrestricted electives in 125 hour program ............ 11-25
Minimum total hours required for BS
in Biology Comprehensive................................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A minimum 2.5 GPA is required in all courses counting toward this major.

A. Biology Comprehensive Core Requirements
(19 hours required)
Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 201, Fundamental Tools for Biological Studies</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 290, Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 207, Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 309, Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 360, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 375, Scientific Communication</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 420, Biology Research</td>
<td>2</td>
</tr>
</tbody>
</table>

B. Biology Comprehensive Supporting Course Requirements
(8 hours required)
Take ONE of the following Statistics courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 305, BioStatistics</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241, Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Take ONE of the following options:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 250, Elementary Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 250L, Elementary Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

OR take 4 courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 360, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 360L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 361, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 361L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

C. Biology Emphasis Requirements (17-34 hours required)
Take ONE Emphasis from the following:

1. General Emphasis (17 hours required)
   EP 3030
   Take ONE of the following Physiology options:
   Take 1 course from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 215GS, Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 403, Plant Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 465, Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>
   OR take 2 courses:
   | BIOL 225, Anatomy and Physiology           | 4     |
   | BIOL 226, Anatomy and Physiology           | 4     |
   Take 1 course from Microbiology electives:
   | BIOL 211GS, Human Microbiology             | 4     |
   | BIOL 400, Microbiology                     | 4     |
   Take 1 course from Field electives:
   | BIOL 330, Wildlife Conservation            | 3     |
   | BIOL 405, Range and Wildlife Management    | 3     |
   | BIOL 406, Plant Ecology                    | 3     |
   | BIOL 418, Plant Taxonomy                   | 3     |
   | BIOL 435, Herpetology                      | 3     |
   | BIOL 462, Animal Behavior                  | 3     |
   | BIOL 470, Insect Biology                   | 3     |
   | BIOL 472, Fresh Water Biology              | 4     |
   | BIOL 473, Ornithology                      | 3     |
   | BIOL 474, Mammalogy                        | 3     |
   Take 1 course of Laboratory electives:
   | BIOL 401, Principles of Immunology          | 4     |
   | BIOL 403, Plant Physiology                 | 3     |

   2. Wildlife Emphasis (34 hours required)
   EP 3031
   Take all of the following:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 330, Wildlife Conservation</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 405, Range and Wildlife Management</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 418, Plant Taxonomy</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 462, Animal Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>
   Take 2 courses from Biology of Higher Vertebrates:
   | BIOL 435, Herpetology                      | 3     |
   | BIOL 473, Ornithology                      | 3     |
   | BIOL 474, Mammalogy                        | 3     |
   Take 1 course from Plant Science:
   | BIOL 403, Plant Physiology                 | 3     |
   | BIOL 406, Plant Ecology                    | 3     |
   | BIOL 416, Plant Diversity and Evolution    | 4     |
   Take the following additional supporting courses:
   Take 1 course from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115, Calculus I</td>
<td>5</td>
</tr>
<tr>
<td>MATH 123, Applied Calculus I</td>
<td>3</td>
</tr>
</tbody>
</table>
   Take 1 course from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 301, Introduction to Soils</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 205GS, General Physics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 206GS, General Physics</td>
<td>5</td>
</tr>
<tr>
<td>CSIS 1001-CSIS 100G, Computing Environments</td>
<td>1</td>
</tr>
<tr>
<td>CSIS 130GS, Introduction to Computer Science</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 1 course of Policy Administration & Law:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311, Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>CSIS 385, Environmental Economics</td>
<td>3</td>
</tr>
</tbody>
</table>
   (Prereq: ECON 100GS or ECON 270GS or ECON 271GS)
   Take a minimum of 3 hours of Computer Science from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400, Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 9 hours from Biology electives:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311, Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 401, Principles of Immunology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 404, Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 440, Infectious Diseases</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 450, Molecular Biology I</td>
<td>3</td>
</tr>
</tbody>
</table>

2. Health Sciences Emphasis (28 hours required)
   EP 3032
   Take ONE from the following Physiology options:
   Take 1 course:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 215GS, Human Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   OR take 2 courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225, Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226, Anatomy and Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 1 course from Microbiology:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400, Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 9 hours from Biology electives:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311, Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 325, Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 401, Principles of Immunology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 404, Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 440, Infectious Diseases</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 450, Molecular Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 452, Techniques in Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 461, Human Genetics</td>
<td>3</td>
</tr>
</tbody>
</table>

   3. General Emphasis (17 hours required)
   EP 3030
   Take ONE of the following Physiology options:
   Take 1 course from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 215GS, Human Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   OR take 2 courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225, Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226, Anatomy and Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 1 course from Microbiology:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400, Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>
   Take 9 hours from Biology electives:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 311, Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 325, Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 401, Principles of Immunology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 404, Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 440, Infectious Diseases</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 450, Molecular Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 452, Techniques in Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 461, Human Genetics</td>
<td>3</td>
</tr>
</tbody>
</table>
Biology 7-12 Teaching Subject Endorsement Option

**Bachelor of Science in Education**  
NSS BSE 5105

**Minimum General Studies**  
+ General Studies coursework required by Teacher Education and endorsement

**English Language minimum**  
ENG 101GS, Expository Writing I 3 hours  
ENG 102GS, Expository Writing II 3 hours  
SPCH 100GS, Fundamentals of Speech Communication 3 hours

**Humanities minimum**  
Take 1 course from:  
HIST 210GS, Western Civilization 3 hours  
HIST 211GS, Western Civilization 3 hours  
HIST 212GS, Non-Western World History 3 hours  
HIST 215GS, Introduction to Latin America 3 hours

**Mathematics, Statistics & Computer Science minimum**  
Take 4 hours from the following:  
MATH 101GS, College Algebra 3 hours  
MATH 102GS, Plane Trigonometry 3 hours

**Natural Sciences minimum**  
Take 1 course from:  
CHEM 160GS, General Chemistry 3 hours  
CHEM 161GS, General Chemistry Laboratory 1 hour  
PHYS 201GS, Earth Science 4 hours

**Social and Behavioral Sciences minimum**  
Take 2 courses:  
PSCI 110GS, Introduction to American Politics 3 hours  
ECON 101GS, Macroeconomics 3 hours

**Personal Development minimum**  
Take 1 course from:  
PE 160GS, Healthful Living 3 hours

**Professional Sequence**  
Take the following additional supporting courses:  
CHEM 351, Biochemistry 3 hours  
CHEM 351L, Biochemistry Laboratory 1 hour  
PE 460, Gross Anatomy of Movement 3 hours  
(Prereq: PE 360 or BIOL 225, BIOL 226)  
Take 4 hours from the following:  
CHEM 352, Biochemistry II 3 hours  
AND CHEM 352L, Biochemistry II Laboratory 1 hour  
FSID 110GS, Introduction to Nutrition 3 hours  
HSCI 225, Introduction to Hematology 2 hours  
SOC 462, Sociology of Health and Illness 3 hours  
(Prereq: SOC 100GS or SOC 250GS or permission)  
SPAN 103, Spanish for Special Purposes (Medical) 1 hour

**Endorsement**  
Take 3 courses:  
BIOL 418, Evolution 3 hours  
BIOL 419, Primate Behavior 3 hours  
BIOL 420, Evolutionary Anthropology 3 hours

**Supporting courses**  
Take 2 courses:  
CHEM 353, General Chemistry 3 hours  
CHEM 353L, General Chemistry Laboratory 1 hour

**Minimum total hours required for BSE**  
Minimum total hours required in Biology 7-12 Teaching Subject Endorsement 156

**Unrestricted electives in 125 hour program**  
Minimum total hours required for BSE in Biology 7-12 Teaching Subject Endorsement 156

**Minimum total hours required for BSE**  
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**A minimum 2.5 GPA is required in all courses counting toward this endorsement.**

### A. Biology Subject Endorsement Core Requirements

**30 hours required**

Take all of the following:
- BIOL 105GS, Biology I 4 hours  
- BIOL 106GS, Biology II 4 hours  
- BIOL 360, Genetics 4 hours

**30 hours required coursework**

**Biology 7-12 Teaching Subject Endorsement**  
Take 3 hours of Field electives:
- BIOL 330, Wildlife Conservation 3 hours  
- BIOL 405, Range and Wildlife Management 3 hours

**30 hours required**

**Biology 400, Microbiology**  
**Biology 401, Principles of Immunology**  
(Prereq: BIOL 211GS or BIOL 400; BIOL 309 or CHEM 351 or permission of instructor)

**Biology 403, Plant Physiology**  
**Biology 404, Developmental Biology**

**Biology 416, Plant Diversity and Evolution**

**Biology 440, Infectious Diseases**  
(Prereq: BIOL 211GS or BIOL 400 or permission)

**Biology 452, Techniques in Molecular Biology**  
**Biology 465, Physiology**

**Biology 468, Parasitology**

**Take 3 hours of Laboratory electives:**
- BIOL 211GS, Human Microbiology 4 hours  
- BIOL 215GS, Human Physiology 4 hours

**30 hours required**

**Biology 290, Evolution**  
**Biology 201, Fundamental Tools for Biological Studies**

**Biology 420, Ecology**  
**Biology 435, Herpetology**

**Biology 462, Animal Behavior**  
**Biology 470, Insect Biology**

**Biology 472, Fresh Water Biology**  
**Biology 473, Ornithology**

**Biology 474, Mammalogy**

**Take 3 hours of Laboratory electives:**
- BIOL 290, Evolution 4 hours

**30 hours required**

**Biology 330, Wildlife Conservation**  
**Biology 405, Range and Wildlife Management**

**Biology 404, Developmental Biology**  
**Biology 416, Plant Diversity and Evolution**

**Biology 440, Infectious Diseases**  
(Prereq: BIOL 211GS or BIOL 400)

**Biology 452, Techniques in Molecular Biology**

**Biology 465, Physiology**  
**Biology 468, Parasitology**

**Take 4 courses:**
- CHEM 360, Organic Chemistry 4 hours

**Biology 7-12 Teaching Subject Endorsement**  
Take 3 courses:
- BIOL 330, Wildlife Conservation 3 hours  
- BIOL 405, Range and Wildlife Management 3 hours

**Biology 404, Developmental Biology**  
**Biology 416, Plant Diversity and Evolution**

**Biology 440, Infectious Diseases**  
(Prereq: BIOL 211GS or BIOL 400 or permission)

**Biology 452, Techniques in Molecular Biology**

**Biology 465, Physiology**  
**Biology 468, Parasitology**

**Take 4 courses:**
- CHEM 360, Organic Chemistry 4 hours
**Biology**

CHEM 361, Organic Chemistry ........................................4 hours  
CHEM 361L, Organic Chemistry Laboratory ..........................1 hour  

Take **ONE** of the following **Physics** options:  

Take 1 course:  
PHYS 301, Advanced Physical Science ..................................4 hours  
OR take 1 course from:  
PHYS 205GS, General Physics ........................................5 hours  
PHYS 275GS, General Physics (Calculus) .................................5 hours  
(Prereq or Coreq: MATH 115 or equivalent)  

OR take 1 course from:  
PHYS 206GS, General Physics ........................................5 hours  
(Prereq: PHYS 205GS or permission)  
PHYS 276GS, General Physics (Calculus) .................................5 hours  
(Prereq: PHYS 275GS or permission)

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**Offered by Department of Biology**

**Biology Minor**

**MN 1050**  
(Not available as an additional teaching endorsement.)

**Minimum hours required for minor**...........................................24

**A. Requirements (15 hours required)**  
Take all of the following:  

BIOL 105GS, Biology I .....................................................4 hours  
BIOL 106GS, Biology II ....................................................4 hours  
BIOL 211GS, Human Microbiology ......................................4 hours  

Take **ONE** of the following options:  

Take 1 course from:  
BIOL 215GS, Human Physiology ........................................4 hours  
BIOL 403, Plant Physiology ..............................................3 hours  

OR take 2 courses:  
BIOL 225, Anatomy and Physiology ....................................4 hours  
BIOL 226, Anatomy and Physiology ....................................4 hours  

**B. Electives (0-5 hours required)**  
Take 0-5 hours from:  

BIOL 103GS, General Biology .............................................4 hours  
BIOL 109GS, Classroom Biology .........................................4 hours  
BIOL 301, Introduction to Soils .........................................4 hours  
BIOL 307, Ecology ..........................................................3 hours  
BIOL 325, Medical Terminology .........................................1 hour  
BIOL 330, Wildlife Conservation ........................................3 hours  
BIOL 380, Agronomy ........................................................3 hours  
BIOL 406, Plant Ecology ..................................................3 hours  
(Prereq: BIOL 105GS, BIOL 106GS, BIOL 307  
OR permission of instructor)  
BIOL 416, Plant Diversity and Evolution ..............................4 hours  
BIOL 418, Plant Taxonomy ................................................3 hours  
BIOL 430, Special Topics in Biology ..................................1-3 hours  
BIOL 435, Herpetology ....................................................3 hours  
BIOL 468, Parasitology ....................................................3 hours  
BIOL 470, Insect Biology ..................................................3 hours  
BIOL 472, Fresh Water Biology .........................................4 hours  
BIOL 473, Ornithology .....................................................3 hours  
BIOL 474, Mammalogy ......................................................3 hours  

**C. Required Chemistry (4 hours required):**  
Take **ONE** of the following options:  

Take 1 course from:  
CHEM 145GS, Introductory Chemistry ..................................4 hours  
CHEM 150GS, Introduction to Organic and Biochemistry ..........4 hours  

OR take 4 courses:  
CHEM 160GS, General Chemistry .......................................3 hours  
(Prereq: MATH 102 or Math ACT score of 20 or better  
OR permission of instructor)

---

**CHEM 160LGS, General Chemistry Laboratory**..............................1 hour  
**CHEM 161GS, General Chemistry** .....................................3 hours  
**CHEM 161LGS, General Chemistry Laboratory** .....................1 hour

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**Offered by Departments of BIOL, CHEM, GEOG**

**Environmental Science Minor**

**MN 1136**  
The purpose of the Environmental Science minor is to allow students majoring in one of the areas that impact the environment to gain knowledge in this area. The objectives of this minor are a) to increase the student’s technical knowledge and methodological skills that pertain to this area; b) to provide students with scientific knowledge and skills necessary for success in graduate school and/or careers in the public/private sectors in fields that pertain to this area.

**Minimum hours required for minor**...........................................26

**A. Environmental Science Minor Requirements**  
(17 hours required)  
Take **ONE** of the following options (8 hours required):  

Take 2 courses:  
BIOL 105GS, Biology I ....................................................4 hours  
BIOL 106GS, Biology II ...................................................4 hours  

OR take 4 courses:  
CHEM 160GS, General Chemistry .......................................3 hours  
(Prereq: MATH 102 or Math ACT score of 20 or better  
OR permission of instructor)  
CHEM 160LGS, General Chemistry Laboratory .......................1 hour  
CHEM 161GS, General Chemistry .......................................3 hours  
CHEM 161LGS, General Chemistry Laboratory .......................1 hour  

Take **THREE** of the following (9 hours required):  

BIOL 307, Ecology ........................................................3 hours  
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)  
BIOL 330, Wildlife Conservation ........................................3 hours  
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)  
CHEM 250, Elementary Organic Chemistry ...........................4 hours  
AND CHEM 250L, Elementary Organic Chemistry Laboratory ..1 hour  
(Prereq: C grade in CHEM 161GS, CHEM 161LGS  
OR CHEM 180, CHEM 180L OR equivalent)  
CHEM 301, Analytical Chemistry .......................................3 hours  
AND CHEM 301L, Analytical Chemistry Laboratory .................1 hour  
(Prereq: CHEM 161GS, CHEM 161LGS  
OR CHEM 180, CHEM 180L OR equivalent)  
GEOG 102GS, Physical Geography II: The Lithosphere ..........4 hours  
GEOG 316, GIS - Working with GIS and Spatial Analysis .......3 hours  
GEOG 317, Remote Sensing of Environment ........................3 hours

**B. Environmental Science Minor Electives (9 hours required)**  
Take 9 hours from the following (minimum of 6 hours must be from  
outside the department providing the student’s major degree):  

BIOL 301, Introduction to Soils ........................................4 hours  
BIOL 305, BioStatistics ..................................................3 hours  
(Prereq: MATH 102)  
BIOL 380, Agronomy .....................................................3 hours  
(Prereq: BIOL 103GS or BIOL 106GS OR permission of instructor)  
BIOL 405, Range and Wildlife Management ........................3 hours  
(Prereq: BIOL 307 or BIOL 418)  
BIOL 409, Biological Studies using GIS ...............................3 hours  
(Prereq: BIOL 307)  
BIOL 472, Fresh Water Biology .........................................4 hours  
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)  
CHEM 300, Environmental Chemistry ..................................3 or 4 hours  
(Prereq: CHEM 250, CHEM 250L OR CHEM 360, CHEM 360L)  
GEOG 301, Geography of Soils .........................................3 hours  
(Prereq: GEOG 102GS or GEOG 207GS)  
GEOG 315, Geographic Information Systems -  
Principles and Concepts .................................................4 hours  
GEOG 400, Water Resources ............................................3 hours  
GEOG 416, Applications of Geographic Information Systems ..3 hours  
(Prereq: GEOG 315 or GEOG 316 or permission of instructor)
Offered by Department of Biology
Pre-Veterinary Medicine

The State of Nebraska, concerned with providing an adequate veterinary manpower, has contracted with Iowa State University to ensure space and provide partial tuition remission for qualified applicants. The following program at the University of Nebraska at Kearney will prepare students for the Veterinary Medicine professional program at Iowa State University (ISU). For further information contact the Pre-Veterinary advisor in the Biology Department.

Minimum hours to complete Pre-Veterinary program...........................78
Take all of the following:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105GS, Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106GS, Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 201, Fundamental Tools for Biological Studies</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 209, Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 250, Genetics with laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 160LG, General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 161GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161LG, General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 351, Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L, Biochemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 360, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 360L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 361, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 361L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ENG 101GS, Expository Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102GS, Expository Writing II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205GS, General Physics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 206GS, General Physiology</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 275GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 205GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>SPCH 100GS, Fundamentals of Speech Comm.</td>
<td>3</td>
</tr>
<tr>
<td>Social Science/Humanities Electives</td>
<td>9</td>
</tr>
<tr>
<td>Other electives</td>
<td>2</td>
</tr>
</tbody>
</table>

Take 1 course from:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400, Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Take ONE of the following options:

Take 1 course:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 215GS, Human Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

OR take 2 courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225, Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226, Anatomy and Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Recommended:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 362, Animal Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

(Prereq: BIOL 105GS, BIOL 201, BIOL 307
OR permission of instructor)

College of Natural and Social Sciences

Department of Chemistry

Michael D. Mosher, Chair
Professors: Darveau, Exstrom, Mosher, Wubbels
Associate Professor: Kovacs
Assistant Professors: Barta, Cao, Moser, Palencia
Senior Lecturer: Kegley-Owen

The Chemistry program is on the American Chemical Society's list of approved programs.

Offered by Department of Chemistry
Chemistry Major

Bachelor of Science

Minimum General Studies ..................................................45
+ General Studies coursework required by major ..................48

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science NSS BS 5204</td>
<td></td>
</tr>
</tbody>
</table>

English Language minimum .............................................9
Humanities minimum ......................................................9
Mathematics, Statistics & Computer Science minimum... 6 including:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102*, College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103*, Plane Trigonometry</td>
<td>3</td>
</tr>
</tbody>
</table>

*Students with sufficient mathematics preparation to enter above 102 and 103 would have required General Studies hours reduced.

Natural Sciences minimum ............................................13 including:
Take ONE of the following options:

Take 2 courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 205GS, General Physics</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 206GS, General Physics</td>
<td>5</td>
</tr>
</tbody>
</table>

OR take 2 courses:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences minimum ..........9

Personal Development minimum ......................... 2

BS Science-related course requirements .......... 10 including:
Take all of the following:
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115, Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 202, Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
</tbody>
</table>

Major Option .......................................................62

Minimum total hours required coursework ............120

Department Objectives:
- To prepare students to work as professional chemists;
- To prepare teachers in subject matter and in methods for the teaching of chemistry and related subjects;
- To give a background in chemistry for students in biology, physics, family and consumer sciences, earth science, and physical education;
- To furnish pre-professional work for those preparing for professional work in medicine, dentistry, nursing, engineering, medical technology and other allied health areas;
- To prepare students for graduate work in chemistry.

CHEMISTRY MAJOR
Four options are available in this major:

I. Professional Chemist’s Comprehensive Option - Bachelor of Science Degree
II. Chemistry Option - Bachelor of Arts Degree
III. Chemistry Comprehensive Option - Bachelor of Science Degree

Biochemistry Emphasis
Business/Sales Emphasis

IV. Chemistry 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree

The minors in Chemistry and Environmental Science are available for students pursuing majors in other disciplines.

The Department offers the Pre-Food Science Program.
Courses with the prefix CHEM are offered by the department. See page 197.
Unrestricted electives in 125 hour program .................. 5
Minimum total hours required for BS .......... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

A. Introductory Chemistry (5 hours required)

Take ONE of the following options:

Take 4 courses:

CHEM 160GS, General Chemistry .................. 3 hours
CHEM 160LGS, General Chemistry Laboratory ............. 1 hour
CHEM 161GS, General Chemistry .................. 3 hours
CHEM 161LGS, General Chemistry Laboratory .................. 1 hour

OR take 2 courses:

CHEM 180, Accelerated General Chemistry .................. 4 hours
CHEM 180L, Accelerated General Chemistry Laboratory .................. 1 hour

NOTE: Health sciences students should work carefully with
the Health Programs office and targeted health program
schools to ensure the acceptability of this course for their
professional school or clinical programs.

B. Chemistry Major Foundation Requirements (23 hours required)

Take all of the following:

CHEM 269, Sophomore Seminar in Chemistry ............. 1 hour
CHEM 301, Analytical Chemistry .................. 3 hours
CHEM 301L, Analytical Chemistry Laboratory ............. 1 hour
CHEM 351, Biochemistry .................. 3 hours
CHEM 351L, Biochemistry Laboratory ............. 1 hour
CHEM 360, Organic Chemistry .................. 4 hours
CHEM 360L, Organic Chemistry Laboratory ............. 1 hour
CHEM 369, Junior Seminar in Chemistry ............. 1 hour
CHEM 430, Inorganic Chemistry .................. 3 hours
CHEM 430L, Inorganic Chemistry Laboratory ............. 1 hour
CHEM 480, Physical Chemistry .................. 3 hours
CHEM 480L, Physical Chemistry Laboratory ............. 1 hour

C. Chemistry In-Depth Courses (19 hours required)

Take all of the following:

CHEM 352, Biochemistry II .................. 3 hours
CHEM 352L, Biochemistry II Laboratory ............. 1 hour
CHEM 361, Organic Chemistry .................. 4 hours
CHEM 361L, Organic Chemistry Laboratory ............. 1 hour
CHEM 469, Senior Seminar in Chemistry ............. 1 hour
CHEM 475, Instrumental Analysis .................. 3 hours
CHEM 475L, Instrumental Analysis Laboratory ............. 1 hour
CHEM 481, Physical Chemistry II .................. 3 hours
CHEM 481L, Physical Chemistry II Laboratory ............. 1 hour

Take 1 hour from:

CHEM 499L, Problems in Chemistry .................. 1-3 hours

D. Professional Chemist’s Supporting Course Requirements
(12-15 hours required to achieve total major hours of 62)

Take:

MATH 260, Calculus III .................. 5 hours
Take 7-10 hours from:

MATH 305, Differential Equations .................. 3 hours
MATH 440, Linear Algebra .................. 3 hours
CHEM 300-CHEM 499
PHYS 300-PHYS 499

Offered by Department of Chemistry
Chemistry Major

Chemistry Option

Bachelor of Arts ....... NSS BA 5205

Minimum General Studies ......................................... 45
+ General Studies coursework required by major ................ 48

English Language minimum ........................................ 9

Humanities minimum ................................................. 9

Mathematics, Statistics & Computer Science minimum .... 6 including:

MATH 102*, College Algebra .................................. 3 hours
MATH 103*, Plane Trigonometry .................. 3 hours

*Students with sufficient mathematics preparation may
enter the mathematics program at a higher level, reducing
hours required for the major option and increasing hours of
unrestricted electives.

Natural Sciences minimum ..................................... 13 including:

Take ONE of the following options:

Take 2 courses:

PHYS 205GS, General Physics .................. 5 hours
PHYS 206GS, General Physics .................. 5 hours

OR take 2 courses:

PHYS 275GS, General Physics (Calculus) .................. 5 hours
PHYS 276GS, General Physics (Calculus) .................. 5 hours

Social and Behavioral Sciences minimum ............. 9

Personal Development minimum .................. 2

BA Language requirement ............................................ a minimum of 6

For specific language requirements see Bachelor of Arts Degree
requirements.

Major Option ................................................................. 36

Minor or 2nd Major, minimum .................. 24

Minors are 24 hours; 18 must be unduplicated. Electing a second major
may add as many as 18 required hours. Should 6 hours of the minor also
meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework .................................. 114

Unrestricted electives in 125 hour program .................. 11

Minimum total hours required for BA in Chemistry ........... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

A. Introductory Chemistry (5-8 hours required)

Take ONE of the following options:

Take 4 courses:

CHEM 160GS, General Chemistry .................. 3 hours
CHEM 160LGS, General Chemistry Laboratory ............. 1 hour
CHEM 161GS, General Chemistry .................. 3 hours
CHEM 161LGS, General Chemistry Laboratory .................. 1 hour

OR take 2 courses:

CHEM 180, Accelerated General Chemistry .................. 4 hours
CHEM 180L, Accelerated General Chemistry Laboratory .................. 1 hour

NOTE: Health sciences students should work carefully with
the Health Programs office and targeted health program
schools to ensure the acceptability of this course for their
professional school or clinical programs.

B. Chemistry Core Requirements (18 hours required)

Take all of the following:

CHEM 180, Accelerated General Chemistry .................. 4 hours
CHEM 180L, Accelerated General Chemistry Laboratory ............. 1 hour

NOTE: Health sciences students should work carefully with
the Health Programs office and targeted health program
schools to ensure the acceptability of this course for their
professional school or clinical programs.
Take ONE of the following options:

Take 2 courses:
CHEM 250, Elementary Organic Chemistry ..................... 4 hours
CHEM 250L, Elementary Organic Chemistry Laboratory .... 1 hour

OR take 2 courses:
CHEM 360, Organic Chemistry ..................................... 4 hours
CHEM 360L, Organic Chemistry Laboratory ....................... 1 hour

C. Chemistry Electives (0-3 hours required)
Take 0-3 hours from:
CHEM 300-CHEM 499

D. Chemistry Supporting Course Requirements
(10 hours required)
Take 2 courses:
MATH 115, Calculus I with Analytic Geometry............... 5 hours
MATH 202, Calculus II with Analytic Geometry ............. 5 hours

Offered by Department of Chemistry
Chemistry Major

Bachelor of Science
NSS BS 5203

Minimum General Studies ........................................... 45
+ General Studies coursework required by major ........... 48

English Language minimum ........................................... 9

Humanities minimum ..................................................... 9

Mathematics, Statistics & Computer Science minimum ... 6 including:
MATH 102*, College Algebra ..................................... 3 hours
MATH 103*, Plane Trigonometry ................................... 3 hours

*Students with sufficient mathematics preparation may enter the mathematics program at a higher level, reducing hours required for the major option and increasing hours of unrestricted electives.

Natural Sciences minimum ......................................... 13 including:
Take ONE of the following options:
Take 2 courses:
PHYS 205GS, General Physics .................................... 5 hours
PHYS 206GS, General Physics .................................... 5 hours

OR take 2 courses:
PHYS 275GS, General Physics (Calculus) ..................... 5 hours
PHYS 276GS, General Physics (Calculus) ..................... 5 hours

Social and Behavioral Sciences minimum ................... 9

Personal Development minimum ............................... 2

BS Science-related course requirements ..................... 10 including:
Take all of the following:
MATH 115, Calculus I with Analytic Geometry ............. 5 hours
MATH 202, Calculus II with Analytic Geometry .......... 5 hours

Minimum total hours required coursework .................. 116-120

Unrestricted electives in 125 hour program ................. 5-9

Minimum total hours required for BS 
in Chemistry Comprehensive/Molecular Biology ........... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Introductory Chemistry (5-8 hours required)
Take ONE of the following options:
Take 4 courses:
CHEM 160GS, General Chemistry ................................ 3 hours
CHEM 160LGS, General Chemistry Laboratory .............. 1 hour
CHEM 161GS, General Chemistry ................................ 3 hours
CHEM 181LGS, General Chemistry Laboratory .............. 1 hour

OR take 2 courses:
CHEM 180, Accelerated General Chemistry .................... 4 hours
CHEM 180L, Accelerated General Chemistry Laboratory ... 1 hour

B. Chemistry Comprehensive Foundation Requirements
(23 hours required)
Take all of the following:
CHEM 269, Sophomore Seminar in Chemistry ............... 1 hour
CHEM 301, Analytical Chemistry ................................ 3 hours
CHEM 301L, Analytical Chemistry Laboratory ............ 1 hour
CHEM 351, Biochemistry ........................................... 3 hours
CHEM 351L, Biochemistry Laboratory ......................... 1 hour
CHEM 360, Organic Chemistry .................................... 4 hours
CHEM 360L, Organic Chemistry Laboratory ................. 1 hour
CHEM 369, Junior Seminar in Chemistry ..................... 1 hour
CHEM 430, Inorganic Chemistry ................................ 3 hours
CHEM 430L, Inorganic Chemistry Laboratory .............. 1 hour
CHEM 480, Physical Chemistry .................................. 3 hours
CHEM 480L, Physical Chemistry Laboratory ............... 1 hour

C. Chemistry Emphasis Requirements (30-31 hours required)
Take ONE Emphasis from the following:

1. Biochemistry Emphasis Requirements
(31 hours required)

EP

Biochemistry In-Depth Courses (18 hours required)
Take all of the following:
CHEM 352, Biochemistry II ...................................... 3 hours
CHEM 352L, Biochemistry II Laboratory ...................... 1 hour
CHEM 361, Organic Chemistry ................................ 4 hours
CHEM 361L, Organic Chemistry Laboratory ............... 1 hour
CHEM 451, Advanced Biochemistry ........................... 3 hours
CHEM 469, Senior Seminar in Chemistry ............... 1 hour
CHEM 499L, Problems in Chemistry ......................... 1 hour

Take 4 hours from:
CHEM 300, Environmental Chemistry ......................... 3 or 4 hours
CHEM 470, Advanced Organic Chemistry .................... 3 hours
CHEM 475, Instrumental Analysis .............................. 3 hours
AND CHEM 475L, Instrumental Analysis Laboratory .......... 1 hour
CHEM 481, Physical Chemistry II ............................ 3 hours
AND CHEM 481L, Physical Chemistry II Laboratory .......... 1 hour
CHEM 499L, Problems in Chemistry ......................... 1 hour

Biochemistry Supporting Course Requirements
(13 hours required)
Take 9-13 hours from:
BIOL 105GS, Biology I ........................................... 4 hours
BIOL 106GS, Biology II ........................................... 4 hours
BIOL 309, Cellular Biology ...................................... 4 hours
BIOL 360, Genetics ................................................. 4 hours
(Prereq: BIOL 309)
BIOL 450, Molecular Biology .................................... 3 hours
(Prereq: BIOL 309, BIOL 360 OR permission of instructor)
BIOL 452, Techniques in Molecular Biology ................ 3 hours
BIOL 485, Molecular Genetics .................................. 3 hours
(Prereq: BIOL 360 or BIOL 461)

Take 0-4 hours from:
BIOL 211GS, Human Microbiology ......................... 4 hours
BIOL 400, Microbiology ........................................... 4 hours

NOTE: Health sciences students should work carefully with the Health Programs office and targeted health program schools to ensure the acceptability of this course for their professional school or clinical programs.
2. Business/Sales Emphasis Requirements (30 hours required)
EP 3056

Business/Sales In-Depth Courses (18 hours required)

Take all of the following:
- CHEM 361, Organic Chemistry ................................. 4 hours
- CHEM 361L, Organic Chemistry Laboratory .................. 1 hour
- CHEM 469, Senior Seminar in Chemistry ..................... 1 hour
- CHEM 499L, Problems in Chemistry ........................... 1 hour

Take 3 of the following options:
- Take 2 courses:
  - CHEM 352, Biochemistry II .................................. 3 hours
  - CHEM 352L, Biochemistry II Laboratory ................. 1 hour
- Take 2 courses:
  - CHEM 475, Instrumental Analysis .......................... 3 hours
  - CHEM 475L, Instrumental Analysis Laboratory .......... 1 hour
- Take 2 courses:
  - CHEM 481, Physical Chemistry II .......................... 3 hours
  - CHEM 481L, Physical Chemistry II Laboratory .......... 1 hour

Take 1 course from:
- CHEM 300, Environmental Chemistry ..................... 3 or 4 hours
- CHEM 451, Advanced Biochemistry ........................ 3 hours
- CHEM 470, Advanced Organic Chemistry .................. 3 hours

Business/Sales Supporting Course Requirements
d(12 hours required)

Take 12 hours from:
- BACC 250, Principles of Accounting I ...................... 3 hours
- BACC 311, Business Law .................................... 3 hours
- BMGT 301, Principles of Management ...................... 3 hours
- BMKT 300, Principles of Marketing ........................ 3 hours

D. Biochemistry and Business/Sales Additional Recommended Courses (0 hours required)

MATH 260, Calculus III ................................. 5 hours
MATH 305, Differential Equations ......................... 3 hours
(Precr: MATH 250)
MATH 440, Linear Algebra .................................. 3 hours

Offered by Department of Chemistry
Chemistry Major

Chemistry 7-12 Teaching Subject Endorsement Option

Bachelor of Science in Education
NSS BSE 5206

Minimum General Studies ........................................... 45
+ General Studies coursework required by Teacher Education...57

English Language minimum ................................... 9 including:
- ENG 101GS, Expository Writing I ......................... 3 hours
- ENG 102GS, Expository Writing II ......................... 3 hours
- SPCH 100GS, Fundamentals of Speech Communication ... 3 hours

Humanities minimum ......................................... 12 including:
- Take 1 course from:
  - HIST 210GS, Western Civilization ..................... 3 hours
  - HIST 211GS, Western Civilization ..................... 3 hours
  - HIST 212GS, Non-Western World History ............. 3 hours
  - HIST 215GS, Introduction to Latin America ......... 3 hours
- Take 1 course from:
  - HIST 250GS, American History ......................... 3 hours
  - HIST 251GS, American History ......................... 3 hours

Mathematics, Statistics & Computer Science minimum 11 including:
- MATH 102*, College Algebra ............................... 3 hours
- MATH 103, Plane Trigonometry .......................... 3 hours
- MATH 115, Calculus I with Analytic Geometry ...... 5 hours

*Students with sufficient mathematics preparation may enter the mathematics program at a higher level, reducing hours required for the endorsement and increasing hours of unrestricted electives.

Natural Sciences minimum .................................. 13 including:
- Take 1 course:
  - PHYS 201GS, Earth Science ............................. 4 hours
- Take 1 course from:
  - BIOL 103GS, General Biology ......................... 4 hours
  - BIOL 105GS, Biology I .................................. 4 hours
  - BIOL 106GS, Biology II ................................ 4 hours
  - BIOL 215GS, Human Physiology ...................... 4 hours
- Take 1 course from:
  - PHYS 205GS, General Physics ......................... 5 hours
  - PHYS 275GS, General Physics (Calculus) .......... 5 hours

Social and Behavioral Sciences minimum .................. 9 including:
- Take any Economic Perspective GS course ............. 3 hours
- Take any Political Perspective GS course .............. 3 hours
- Take any GS course from:
  - Social Perspective,
  - Geographical Perspective
  - Behavioral Perspective ................................. 3 hours

Personal Development minimum ................................ 3 including:
- PE 160GS, Healthful Living .............................. 3 hours

Professional Sequence ........................................ 30 including:
- TE 319, Management and Assessment .................. 2 hours
- TE 320, Field Experience in Secondary Classroom ... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement .................................................... 30

Second Subject Endorsement, normally .................. 30

Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework .................. 147

Unrestricted electives in 125 hour program ............... 0

Minimum total hours required for BSE ............... 147

in Chemistry Teaching Subject Endorsement ......... 147

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Chemistry Subject Endorsement Requirements
(27 hours required)

Take all of the following:
- CHEM 150GS, General Chemistry ......................... 3 hours
- CHEM 160LGS, General Chemistry Laboratory .......... 1 hour
- CHEM 161GS, General Chemistry ......................... 3 hours
- CHEM 161LGS, General Chemistry Laboratory .......... 1 hour
- CHEM 269, Sophomore Seminar in Chemistry .......... 1 hour
- CHEM 301, Analytical Chemistry ........................ 3 hours
- CHEM 301L, Analytical Chemistry Laboratory .......... 1 hour
- CHEM 369, Junior Seminar in Chemistry ................ 1 hour

Take ONE of the following options:
- Take 2 courses:
  - CHEM 250, Elementary Organic Chemistry .......... 4 hours
  - CHEM 250L, Elementary Organic Chemistry Laboratory .... 1 hour
OR take 2 courses:
  - CHEM 360, Organic Chemistry ........................ 4 hours
  - CHEM 360L, Organic Chemistry Laboratory .......... 1 hour

Take 8 hours from the following:
- CHEM 300-CHEM 499

B. Chemistry Subject Endorsement Other Science Requirements
(0 hours required)

Earth Science (0 additional hours required)
Fulfilled by General Studies requirements above.

Biology (0 additional hours required)
Fulfilled by General Studies requirements above.

Physics (0 additional hours required)
Fulfilled by General Studies requirements above.
C. Chemistry Subject Endorsement Methodology Requirement
(3 hours required)
Take:

PHYS 471, Methods in Secondary Science Teaching........3 hours

Offered by Department of Chemistry
Chemistry Minor

MN 1052

Minimum hours required for minor...........................24-26

A. Introductory Chemistry (8 hours required)
Take ONE of the following options:
Take 4 courses:
CHEM 160GS, General Chemistry.........................3 hours
CHEM 160LGS, General Chemistry Laboratory...........1 hour
CHEM 161GS, General Chemistry..........................3 hours
CHEM 161LGS, General Chemistry Laboratory...........1 hour
OR take 2 courses:
CHEM 180, Accelerated General Chemistry ..............4 hours
(Prereq: MATH 103 or Math ACT score of 23 or better;
declared Chemistry major OR permission of instructor)
CHEM 180L, Accelerated General Chemistry Laboratory...1 hour

NOTE: Health sciences students should work carefully with
the Health Programs office and targeted health program
schools to ensure the acceptability of this course for their
professional school or clinical programs.

B. Requirements (13-18 hours required)
Take all of the following:
CHEM 269, Sophomore Seminar in Chemistry .............1 hour
CHEM 301, Analytical Chemistry..........................3 hours
CHEM 301L, Analytical Chemistry Laboratory..........1 hour
MATH 102, College Algebra ................................3 hours

Take ONE of the following options:
Take:
CHEM 360, Organic Chemistry ............................4 hours
CHEM 360L, Organic Chemistry Laboratory ..........1 hour
CHEM 361, Organic Chemistry ............................4 hours
CHEM 361L, Organic Chemistry Laboratory ..........1 hour
OR take:
CHEM 250, Elementary Organic Chemistry ..........4 hours
CHEM 250L, Elementary Organic Chemistry Laboratory...1 hour

Minimum hours required for minor...........................26

A. Environmental Science Minor Requirements
(17 hours required)
Take ONE of the following options (8 hours required):
Take 2 courses:
BIOL 105GS, Biology I ....................................4 hours
BIOL 106GS, Biology II ....................................4 hours

B. Environmental Science Minor Electives (9 hours required)
Take 9 hours from the following (minimum of 6 hours must be from
outside the department providing the student’s major degree):

BIOL 301, Introduction to Soils...........................4 hours
BIOL 305, BioStatistics ..................................3 hours
(Prereq: MATH 102)
BIOL 380, Agronomy ......................................3 hours
(Prereq: BIOL 103GS or BIOL 106GS OR permission of instructor)
BIOL 405, Range and Wildlife Management .........3 hours
(Prereq: BIOL 307 or BIOL 418)
BIOL 409, Biological Studies using GIS .................3 hours
(Prereq: BIOL 307)
BIOL 472, Fresh Water Biology .........................4 hours
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)
CHEM 300, Environmental Chemistry ..................3 or 4 hours
(Prereq: CHEM 250, CHEM 250L OR CHEM 360, CHEM 360L)
GEOG 301, Geography of Soils .........................3 hours
(Prereq: GEOG 102GS or GEOG 207GS)
GEOG 315, Geographic Information Systems -
Principles and Concepts ..................................4 hours
GEOG 400, Water Resources.............................3 hours
GEOG 416, Applications of Geographic Information Systems..3 hours
(Prereq: GEOG 315 or GEOG 316 or permission of instructor)

Minimum hours to complete Pre-Food Science program........73-75

Offered by Department of Chemistry
Pre-Food Science Program (for UNL)

The UNK pre-Food Science program is designed to meet the UNL
Department of Food Science and Technology degree program
requirements. For full-time students, the program is designed to take
courses for 2 years at UNK, then transfer to UNL for degree completion.
Consult your advisor to ensure that social science and humanities
electives meet UNL Essential Studies requirements. Students who
enter this program but later decide to pursue another UNK degree
should consult their advisor to ensure that all UNK General Studies are
met before graduation.
A. First Year (37-39 hours required)

Take all of the following:

- CHEM 160GS, General Chemistry..........................3 hours
- CHEM 160LGS, General Chemistry Laboratory..............1 hour
- CHEM 161GS, General Chemistry..........................3 hours
- CHEM 161LGS, General Chemistry Laboratory..............1 hour
- BIOL 103GS, General Biology..............................4 hours
- ENG 101GS, Expository Writing I..........................3 hours
- MATH 102*, College Algebra.................................3 hours
- MATH 103*, Plane Trigonometry............................3 hours

*Students with sufficient mathematics preparation to enter above 102 and 103 would have required General Studies hours reduced.

SPCH 100GS, Fundamentals of Speech Communication...3 hours

Electives (Social Sciences & Humanities)..................6 hours

Take 1 course from:
- BIOL 105GS, Biology I......................................4 hours
- BIOL 106GS, Biology II....................................4 hours

Take 1 course from**:
- MATH 115, Calculus I with Analytic Geometry.........5 hours
- MATH 123, Applied Calculus I.....................12 hours

Take ONE of the following options:

- Take 2 courses:
  - CHEM 250, Organic Chemistry..........................4 hours
  - CHEM 250L, Elementary Organic Chemistry Laboratory....1 hour

OR take 2 courses:

- CHEM 360, Organic Chemistry..........................4 hours
- CHEM 360L, Organic Chemistry Laboratory..............1 hour

Take 1 course from:
- ECON 270GS, Principles of Economics, Macroeconomics...3 hours
- ECON 271GS, Principles of Economics, Microeconomics...3 hours

Take 1 course from:
- BMGT 233, Business Statistics...........................3 hours
- STAT 241, Elementary Statistics.........................3 hours

B. Second Year (36 hours required)

Take all of the following:

- CHEM 351, Biochemistry.................................3 hours
- CHEM 351L, Biochemistry Laboratory......................1 hour
- BIOL 400, Microbiology..................................4 hours
- PHYS 205GS, General Physics.........................4 hours
- Electives (Social Sciences & Humanities)..............12 hours

Take ONE of the following options:

- Take 2 courses:
  - CHEM 360, Organic Chemistry..........................4 hours
  - CHEM 360L, Organic Chemistry Laboratory..............1 hour

- CHEM 360, Organic Chemistry..........................4 hours
- CHEM 360L, Organic Chemistry Laboratory..............1 hour

- ECON 270GS, Principles of Economics, Macroeconomics...3 hours
- ECON 271GS, Principles of Economics, Microeconomics...3 hours

- BMGT 233, Business Statistics...........................3 hours
- STAT 241, Elementary Statistics.........................3 hours

Minimum Grade Point Average in the Major

Students selecting a major in the Department of Communication must earn a minimum 2.5 G.P.A. in the major.

Portfolio Requirements

Students selecting a major in Journalism and Mass Communication must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

JOURNALISM AND MASS COMMUNICATION MAJOR

Two options are available in this major:

I. Broadcasting Option - Bachelor of Arts Degree
   or Broadcasting Option - Bachelor of Science Degree

II. Journalism Option - Bachelor of Arts Degree
   - Advertising Emphasis
   - News-Editorial Emphasis
   - Mass Media Emphasis
   - Public Relations Emphasis
   - Sports Communication Emphasis
   or Journalism Option - Bachelor of Science Degree
   - Advertising Emphasis
   - News-Editorial Emphasis
   - Mass Media Emphasis
   - Public Relations Emphasis
   - Sports Communication Emphasis

MULTIMEDIA MAJOR

One option is available in this major:

- Multimedia - Bachelor of Arts Degree
  or Multimedia - Bachelor of Science Degree

SPEECH MAJOR

Three options are available in this major:

I. Organizational Communication Comprehensive Option - Bachelor of Science Degree

II. Speech Communication Option - Bachelor of Arts Degree
   or Speech Communication Option - Bachelor of Science Degree

III. Speech Communication 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

Minors in Advertising, Broadcasting, Journalism, Multimedia, Public Relations, Speech Communication, and Sports Communication are available. The Elementary Education Major has a specially defined minor in Speech/Theatre.

Courses with the prefix JMC and SPCH are offered by the department. See pages 226 (JMC) and 252 (SPCH).
BS Science-related course requirements ........................................... 9 including:
Take:
JMC 300, Website Design ...................................................... 3 hours
Take 6 hours from the following:
JMC 110, Topics ...................................................................... 1 hour
BMIS 182GS, Software Productivity Tools ..................... 3 hours
BMIS 282, Business Intelligence Using Databases .......... 3 hours
BSED 302, Automated Office Systems ......................... 3 hours
CSIS 100-CSIS 499 .............................................................. 3 hours
STAT 100-STAT 499 .............................................................. 3 hours

Major Option .............................................................................. 36
Minor or 2nd Major, minimum ............................................. 24
Minors are 24 hours; 18 must be unduplicated. E�ecting a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework......................... 114
Unrestricted electives in 125 hour program ......................... 11
Minimum total hours required for BS in Broadcasting.... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Journalism and Mass Communication-Broadcasting Option Requirements (36 hours required)
Take all of the following:
JMC 215, Newswriting ........................................................... 3 hours
JMC 226, Audio Production ................................................... 3 hours
JMC 265, Video Production .................................................... 3 hours
JMC 310, Communications Law ............................................ 3 hours
JMC 316, Broadcast Advertising and Programming ......... 3 hours
JMC 318, Writing for The Media ............................................. 3 hours
JMC 320, Media Management ............................................. 3 hours
JMC 336, Radio Workshop ................................................... 2 hours
JMC 340, Media Sales ........................................................... 3 hours
JMC 343, Television Workshop .............................................. 2 hours
JMC 356, Broadcast Announcing .......................................... 3 hours
JMC 460, Mass Media and Society ....................................... 3 hours
Take 2 hours from:
JMC 336, Radio Workshop ................................................... 2 hours
JMC 343, Television Workshop .............................................. 2 hours

Minors are 24 hours; 18 must be unduplicated. E�ecting a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework......................... 114
Unrestricted electives in 125 hour program ......................... 11
Minimum total hours required for BS in Broadcasting.... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Journalism and Mass Communication-
Broadcasting must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Broadcasting must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Journalism and Mass Communication-Broadcasting Option Requirements (36 hours required)
Take all of the following:
JMC 215, Newswriting ........................................................... 3 hours
JMC 226, Audio Production ................................................... 3 hours
JMC 265, Video Production .................................................... 3 hours
JMC 310, Communications Law ............................................ 3 hours
JMC 316, Broadcast Advertising and Programming ......... 3 hours
JMC 318, Writing for The Media ............................................. 3 hours
JMC 320, Media Management ............................................. 3 hours
JMC 336, Radio Workshop ................................................... 2 hours
JMC 340, Media Sales ........................................................... 3 hours
JMC 343, Television Workshop .............................................. 2 hours
JMC 356, Broadcast Announcing .......................................... 3 hours
JMC 460, Mass Media and Society ....................................... 3 hours
Take 2 hours from:
JMC 336, Radio Workshop ................................................... 2 hours
JMC 343, Television Workshop .............................................. 2 hours

Bachelor of Arts ........................................................................ 63

English Language minimum .................................................. 9
Humanities minimum ............................................................ 9
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum .................................................... 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum ......................................... 2

Bachelor of Arts ........................................................................ 63

English Language minimum .................................................. 9
Humanities minimum ............................................................ 9
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum .................................................... 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum ......................................... 2

Bachelor of Arts ........................................................................ 63

English Language minimum .................................................. 9
Humanities minimum ............................................................ 9
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum .................................................... 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum ......................................... 2
### A. Journalism and Mass Communication: Journalism Core Requirements (6 hours required)

Take all of the following:
- JMC 310, Communications Law ........................................ 3 hours
- JMC 460, Mass Media and Society .................................... 3 hours

### B. Journalism Emphasis (30 hours required)

Take ONE of the following emphases:
- Advertising Emphasis
- Mass Media Emphasis
- News Editorial Emphasis
- Public Relations Emphasis
- Sports Communication Emphasis

#### 1. Journalism and Mass Communication: Journalism Option:
- FAH BA 3911

**Advertising Emphasis (30 hours required)**

*(Complete the Core Requirements above)*

Take all of the following:
- JMC 110, Topics: QuarkXpress ........................................ 1 hour
- JMC 110, Topics: Photoshop .......................................... 1 hour
- JMC 129, Integrated Marketing Communications .............. 3 hours
- JMC 130, Advertising Principles and Practice .................. 3 hours
- JMC 307, Advertising Copywriting ................................. 3 hours
- JMC 316, Broadcast Advertising and Programming ............. 3 hours
- JMC 320, Media Management ......................................... 3 hours
- JMC 329, Print Advertising Design ................................. 3 hours
- JMC 340, Media Sales .................................................. 3 hours
- JMC 420, Advertising Campaigns .................................. 3 hours

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff .................................................. 2 hours

#### 2. Journalism and Mass Communication: Journalism Option:
- FAH BA 3215

**Mass Media Emphasis (30 hours required)**

*(Complete the Core Requirements above)*

Take all of the following:
- JMC 110, Topics: Photoshop ........................................ 1 hour
- JMC 129, Integrated Marketing Communications .............. 3 hours
- JMC 215, Newswriting ................................................. 3 hours
- JMC 220, Photojournalism .......................................... 3 hours
- JMC 250, Electronic Cinematography ................................ 2 hours
- JMC 309, Public Relations ............................................ 3 hours
- JMC 318, Writing for the Media .................................... 3 hours
- JMC 336, Radio Workshop ........................................... 2 hours
- JMC 343, Television Workshop ..................................... 2 hours

### 3. Journalism and Mass Communication: Journalism Option:
- FAH BA 3910

**News Editorial Emphasis (30 hours required)**

*(Complete the Core Requirements above)*

Take all of the following:
- JMC 110, Topics: QuarkXpress ........................................ 1 hour
- JMC 110, Topics: Photoshop .......................................... 1 hour
- JMC 215, Newswriting ................................................. 3 hours
- JMC 220, Photojournalism .......................................... 3 hours
- JMC 305, Writing Feature & Magazine Articles .................. 3 hours
- JMC 315, Advanced Reporting & Editing ........................ 3 hours
- JMC 320, Media Management ......................................... 3 hours
- JMC 350, Antelope Newspaper Production - News Staff .......... 2 hours
- JMC 352, Antelope Newspaper Production - Photo Staff ........ 2 hours
- JMC 416, Interpretive Reporting ..................................... 3 hours
- JMC 425, Topics in Mass Media ..................................... 3 hours

### 4. Journalism and Mass Communication: Journalism Option:
- FAH BA 3912

**Public Relations Emphasis (30 hours required)**

*(Complete the Core Requirements above)*

Take all of the following:
- JMC 129, Integrated Marketing Communications .............. 3 hours
- JMC 215, Newswriting ................................................. 3 hours
- JMC 309, Public Relations ............................................ 3 hours
- JMC 315, Advanced Reporting & Editing ........................ 3 hours
- JMC 330, Publication Design ......................................... 3 hours
- JMC 409, Public Relations Strategy ................................ 3 hours
- JMC 425, Topics in Mass Media ..................................... 3 hours
- JMC 440, Mass Media Research ..................................... 3 hours

Take 2 hours from:
- JMC 336, Radio Workshop ........................................... 2 hours
- JMC 343, Television Workshop ..................................... 2 hours

Take 4 hours from:
- JMC 350, Antelope Newspaper Production - News Staff .......... 2 hours
- JMC 350, Antelope Newspaper Production - Photo Staff ........ 2 hours

### 5. Journalism and Mass Communication: Journalism Option:
- FAH BA 3913

**Sports Communication Emphasis (30 hours required)**

*(Complete the Core Requirements above)*

Take all of the following:
- JMC 110, Topics: Photoshop ........................................ 1 hour
- JMC 129, Integrated Marketing Communications .............. 3 hours
- JMC 215, Newswriting ................................................. 3 hours
- JMC 305, Writing Feature & Magazine Articles .................. 3 hours
- JMC 307, Advertising Copywriting ................................ 3 hours
- JMC 336, Radio Workshop: News ................................... 2 hours

Take 3 hours from:
- JMC 305, Writing Feature and Magazine Articles ............... 3 hours
- JMC 307, Advertising Copywriting ................................ 3 hours
- JMC 315, Advanced Reporting & Editing ........................ 3 hours
- JMC 416, Interpretive Reporting ..................................... 3 hours

Take 3 hours from:
- JMC 329, Print Advertising Design ................................ 3 hours
- JMC 330, Publication Design ......................................... 3 hours

Take 2 hours from:
- JMC 350, Antelope Newspaper Production - News Staff .......... 2 hours
- JMC 351, Antelope Newspaper Production - Advertising Staff .......... 2 hours
- JMC 352, Antelope Newspaper Production - Photo Staff ........ 2 hours

*(Prereq: JMC 130 or permission of instructor)*

JMC 352, Antelope Newspaper Production - Photo Staff ........ 2 hours
JMC 343, Television Workshop: News ...................................... 2 hours
JMC 350, Antelope Newspaper Production - News Staff .................................................. 2 hours
PE 230, Sports Officiating .................................................. 2 hours
Take 3 hours from:
JMC 309, Public Relations .............................................. 3 hours
JMC 356, Broadcast Announcing .................................. 3 hours
PE 429, Marketing in Sport, Recreation and Tourism ...3 hours

Offered by Department of Communication
Journalism and Mass Communication Major

**Journalism Option**
Advertising, Mass Media, News Editorial, Public Relations, Sports Communication

Bachelor of Science FAH BS (see emphasis option for major code)

**Minimum General Studies** .............................................45
- English Language minimum ........................................... 9
- Humanities minimum ................................................... 9
- Mathematics, Statistics & Computer Science minimum ...... 3
- Natural Sciences minimum ........................................... 7
- Social and Behavioral Sciences minimum ...................... 9
- Personal Development minimum .................................. 2

**BS Science-related course requirements** ....................... 9 including:
Take:
- JMC 300, Website Design .......................................... 3 hours
Take 6 hours from the following:
- JMC 110, Topics....................................................... 1 hour
- BMIS 182GS, Software Productivity Tools ................... 3 hours
- BMIS 282, Business Intelligence Using Databases ........... 3 hours
- BSED 302, Automated Office Systems ...................... 3 hours
- CSIS 100-CSIS 499
- STAT 100-STAT 499

**Major Option** ................................................................ 36
- Minor or 2nd Major, minimum .................................... 24
- Minimum total hours required coursework ................ 114
- Unrestricted electives in 125 hour program .............. 11

**Minimum total hours required for BS in Journalism** ........ 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**Students selecting a major in Journalism must earn a minimum 2.5 G.P.A. in the major.**

Students are expected to take JMC 100GS, Global Media Literacy, to meet the General Studies Personal Development requirement. Students selecting a major in Journalism must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

A. **Journalism Core Requirements (6 hours required)**
Take all of the following:
- JMC 310, Communications Law .................................. 3 hours
- JMC 460, Mass Media and Society .............................. 3 hours

B. **Journalism Emphasis (30 hours required)**
Take ONE of the following emphases:
- Advertising Emphasis
- Mass Media Emphasis
- News Editorial Emphasis
- Public Relations Emphasis
- Sports Communication Emphasis

1. **Journalism and Mass Communication: Journalism Option:**
FAH BS 3911

**Advertising Emphasis (30 hours required)**
(Complete the Core Requirements above)
Take all of the following:
- JMC 110, Topics: QuarkXpress .................................. 1 hour
- JMC 110, Topics: Photoshop ...................................... 1 hour

**2. Journalism and Mass Communication: Journalism Option:**
FAH BS 3215
**Mass Media Emphasis (30 hours required)**
(Complete the Core Requirements above)
Take all of the following:
- JMC 110, Topics: Photoshop ...................................... 1 hour
- JMC 129, Integrated Marketing Communications ............ 3 hours
- JMC 130, Advertising Principles and Practice .......... 3 hours
- JMC 307, Advertising Copywriting ............................. 3 hours
- JMC 316, Broadcast Advertising and Programming ....3 hours
- JMC 320, Media Management .................................. 3 hours
- JMC 329, Print Advertising Design ............................ 3 hours
- JMC 340, Media Sales .............................................. 3 hours
- JMC 420, Advertising Campaigns ............................. 3 hours

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours

**3. Journalism and Mass Communication: Journalism Option:**
FAH BS 3910
**News Editorial Emphasis (30 hours required)**
(Complete the Core Requirements above)
Take all of the following:
- JMC 110, Topics: QuarkXpress .................................. 1 hour
- JMC 129, Integrated Marketing Communications ............ 3 hours
- JMC 130, Advertising Principles and Practice .......... 3 hours
- JMC 307, Advertising Copywriting ............................. 3 hours
- JMC 316, Broadcast Advertising and Programming ....3 hours
- JMC 320, Media Management .................................. 3 hours
- JMC 329, Print Advertising Design ............................ 3 hours
- JMC 340, Media Sales .............................................. 3 hours
- JMC 420, Advertising Campaigns ............................. 3 hours

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours

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Take 4 hours from:
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2. **Journalism and Mass Communication: Journalism Option:**
FAH BS 3215
**Mass Media Emphasis (30 hours required)**
(Complete the Core Requirements above)
Take all of the following:
- JMC 110, Topics: Photoshop ...................................... 1 hour
- JMC 129, Integrated Marketing Communications ............ 3 hours
- JMC 130, Advertising Principles and Practice .......... 3 hours
- JMC 307, Advertising Copywriting ............................. 3 hours
- JMC 316, Broadcast Advertising and Programming ....3 hours
- JMC 320, Media Management .................................. 3 hours
- JMC 329, Print Advertising Design ............................ 3 hours
- JMC 340, Media Sales .............................................. 3 hours
- JMC 420, Advertising Campaigns ............................. 3 hours

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours

**3. Journalism and Mass Communication: Journalism Option:**
FAH BS 3910
**News Editorial Emphasis (30 hours required)**
(Complete the Core Requirements above)
Take all of the following:
- JMC 110, Topics: QuarkXpress .................................. 1 hour
- JMC 129, Integrated Marketing Communications ............ 3 hours
- JMC 130, Advertising Principles and Practice .......... 3 hours
- JMC 307, Advertising Copywriting ............................. 3 hours
- JMC 316, Broadcast Advertising and Programming ....3 hours
- JMC 320, Media Management .................................. 3 hours
- JMC 329, Print Advertising Design ............................ 3 hours
- JMC 340, Media Sales .............................................. 3 hours
- JMC 420, Advertising Campaigns ............................. 3 hours

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours

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Take 4 hours from:
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<td>Media Sales</td>
</tr>
<tr>
<td>JMC 420</td>
<td>Advertising Campaigns</td>
</tr>
</tbody>
</table>

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours

**Communication**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>JMC 129</td>
<td>Integrated Marketing Communications</td>
</tr>
<tr>
<td>JMC 130</td>
<td>Advertising Principles and Practice</td>
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<tr>
<td>JMC 307</td>
<td>Advertising Copywriting</td>
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<td>JMC 316</td>
<td>Broadcast Advertising and Programming</td>
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<tr>
<td>JMC 320</td>
<td>Media Management</td>
</tr>
<tr>
<td>JMC 329</td>
<td>Print Advertising Design</td>
</tr>
<tr>
<td>JMC 340</td>
<td>Media Sales</td>
</tr>
<tr>
<td>JMC 420</td>
<td>Advertising Campaigns</td>
</tr>
</tbody>
</table>

Take 4 hours from:
- JMC 351, Antelope Newspaper Production - Advertising Staff ........................................... 2 hours
4. Journalism and Mass Communication: Journalism Option: FAH BS 3912
Public Relations Emphasis (30 hours required)
(Complete the Core Requirements above)
Take all of the following:
JMC 129, Integrated Marketing Communications........................................3 hours
JMC 215, Newswriting ..................................................................................3 hours
JMC 309, Public Relations ..............................................................................3 hours
JMC 315, Advanced Reporting & Editing ......................................................3 hours
JMC 330, Publication Design .........................................................................3 hours
JMC 409, Public Relations Strategy ..............................................................3 hours
JMC 425, Topics in Mass Media .................................................................3 hours
JMC 440, Mass Media Research .................................................................3 hours
Take 2 hours from:
JMC 336, Radio Workshop...........................................................................2 hours
JMC 343, Television Workshop.....................................................................2 hours
Take 4 hours from:
JMC 350, Antelope Newspaper Production -
News Staff..................................................................................................2 hours

5. Journalism and Mass Communication: Journalism Option: FAH BS 3913
Sports Communication Emphasis (30 hours required)
(Complete the Core Requirements above)
Take all of the following:
JMC 110, Topics: Photoshop.........................................................................1 hour
JMC 129, Integrated Marketing Communications........................................3 hours
JMC 215, Newswriting ..................................................................................3 hours
JMC 220, Photomedia ....................................................................................3 hours
JMC 305, Writing Feature & Magazine Articles ............................................3 hours
JMC 307, Advertising Copywriting ..............................................................3 hours
JMC 330, Publication Design .........................................................................3 hours
JMC 336, Radio Workshop: News..............................................................2 hours
JMC 343, Television Workshop: News.........................................................2 hours
JMC 350, Antelope Newspaper Production -
News Staff..................................................................................................2 hours
PE 230, Sports Officiating ...........................................................................2 hours
Take 3 hours from:
JMC 309, Public Relations ............................................................................3 hours
JMC 356, Broadcast Announcing ................................................................3 hours
PE 429, Marketing in Sport, Recreation and Tourism ................................3 hours

Offered by Department of Communication
Multimedia Major

Multimedia
Bachelor of Arts FAH BA 3914
Minimum General Studies.................................................................45
+ General Studies coursework required by major..........................46
English Language minimum...............................................................9
Humanities minimum..............................................................................9 including:
ART 120GS, Art Appreciation.................................................................3 hours
Mathematics, Statistics & Computer Science minimum... 7 including:
CSIS 130GS, Introduction to Computer Science.................................4 hours
MATH 102, College Algebra......................................................................3 hours
Natural Sciences minimum.....................................................................7
Social and Behavioral Sciences minimum...........................................9
Personal Development minimum.........................................................3 including:
JMC 100GS, Global Media Literacy.......................................................3 hours
BA Language requirement.................................................................a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.
Major Option ..............................................................................................36

Minor or 2nd Major, minimum .................................................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.
Minimum total hours required coursework......................................112
Unrestricted electives in 125 hour program ......................................13
Minimum total hours required for BA in Multimedia......................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
Students selecting a major in Multimedia must earn a minimum 2.5 G.P.A. in the major.
Students selecting a major in Multimedia must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Multimedia Requirements (36 hours required)
Take the following computer science classes:
CSIS 425, Database Systems.................................................................3 hours
CSIS 440, Client-side Web Application Development ...................3 hours
Take the following art classes:
ART 301M, Typography I........................................................................3 hours
ART 305M, Computers and Design......................................................3 hours
ART 318M, Graphic Design I.................................................................3 hours
Take the following journalism classes:
JMC 250, Electronic Cinematography....................................................2 hours
JMC 310, Communications Law............................................................3 hours
JMC 318, Writing for The Media............................................................3 hours
JMC 498, Multimedia Directed Study..................................................1 hour
Take 12 hours from:
JMC 300, Website Design ......................................................................3 hours
JMC 301, Web Site Design II.................................................................3 hours
(Prereq: JMC 300 or permission of instructor)
JMC 304, Flash Design............................................................................3 hours
ART 355M, Electronic Imaging...............................................................3 hours
ART 454, Computer Animation II........................................................3 hours
CSIS 111GS, Applied BASIC Programming.......................................3 hours
CSIS 150, Object Oriented Programming............................................3 hours
CSIS 406, Internet-based Information Systems Development ...3 hours
(Prereq: CSIS 150, CSIS 425)

Offered by Department of Communication
Multimedia Major

Bachelor of Science FAH BS 3914
Minimum General Studies.................................................................45
+ General Studies coursework required by major..........................46
English Language minimum...............................................................9
Humanities minimum..............................................................................9 including:
ART 120GS, Art Appreciation.................................................................3 hours
Mathematics, Statistics & Computer Science minimum... 7 including:
CSIS 130GS, Introduction to Computer Science.................................4 hours
MATH 102, College Algebra......................................................................3 hours
Natural Sciences minimum.....................................................................7
Social and Behavioral Sciences minimum...........................................9
Personal Development minimum.........................................................3 including:
JMC 100GS, Global Media Literacy.......................................................3 hours
BS Science-related course requirements..................................6
Six hours in the General Studies Mathematics, Statistics & Computer Science section or two lab classes in Natural Sciences
Major Option .................................................................................................36
Minor or 2nd Major, minimum .................................................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.
Minimum total hours required coursework………………………………112
Unrestricted electives in 125 hour program………………………………..13

Minimum total hours required for BS in Multimedia………………………….125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Multimedia must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Multimedia must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Multimedia Requirements (36 hours required)
Take the following computer science classes:
- CSIS 425, Database Systems ........................................... 3 hours
- CSIS 440, Client-side Web Application Development ........... 3 hours
Take the following art classes:
- ART 301M, Typography I ................................................. 3 hours
- ART 305M, Computers and Design .................................. 3 hours
- ART 318M, Graphic Design I ........................................... 3 hours
Take the following journalism classes:
- JMC 250, Electronic Cinematography .................................. 2 hours
- JMC 310, Communications Law ........................................ 3 hours
- JMC 318, Writing for The Media ........................................ 3 hours
- JMC 498, Multimedia Directed Study ................................ 1 hour

Take 12 hours from:
- JMC 300, Website Design .............................................. 3 hours
- JMC 301, Web Site Design II ........................................... 3 hours
  (Prereq: JMC 300 or permission of instructor)
- JMC 304, Flash Design ................................................... 3 hours
- ART 355M, Electronic Imaging ......................................... 3 hours
- ART 454, Computer Animation II ..................................... 3 hours
- CSIS 111GS, Applied BASIC Programming ...................... 3 hours
- CSIS 150, Object Oriented Programming ......................... 3 hours
- CSIS 406, Internet-based Information Systems Development .3 hours
  (Prereq: CSIS 150, CSIS 425)

Minimum total hours required for BS in Multimedia Comprehensive Option

Organizational Communication Comprehensive Option

Bachelor of Science FAH BS 4305

Minimum General Studies .................................................. 45
- English Language minimum .......................................... 9
- Humanities minimum .................................................. 9
- Mathematics, Statistics & Computer Science minimum .... 3
- Natural Sciences minimum ........................................... 7
- Social and Behavioral Sciences minimum ...................... 9
- Personal Development minimum .................................. 2

Major Option .................................................................. 45

Minimum total hours required coursework................................. 90
Unrestricted electives in 125 hour program ................................ 35

Minimum total hours required for BS in Organizational Communication Comprehensive.............................................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Organizational Communication must earn a minimum 2.5 G.P.A. in the major.

A. Organizational Communication Core Requirements
(12 hours required)
Take all of the following:
- SPCH 202, Communication Concepts in Society .................. 3 hours
- SPCH 370, Small Group Communication ............................ 3 hours

B. Organizational Communication Requirements
(21 hours required)
Take all of the following:
- SPCH 240, Public Speaking for Professions and Business ....... 3 hours
- SPCH 299, Organizational Communication ..................... 3 hours
- SPCH 300, Interpersonal and Relational Communication ....... 3 hours
- SPCH 452, Theories of Organizational Communication ....... 3 hours

Take 9 hours from:
- SPCH 230, Nonverbal Communication ................................ 3 hours
- SPCH 332, Logic Argumentation and Reasoning ............... 3 hours
- SPCH 360, Persuasion and Propaganda ............................ 3 hours
- SPCH 401, Seminar: Special Topics .................................. 1-3 hours
- SPCH 450, General Semantics (Language and Behavior) ...... 3 hours
- SPCH 451, Leadership Communication ............................ 3 hours
- SPCH 453, Interviewing ................................................. 3 hours
- SPCH 454, Intercultural Communication ......................... 3 hours

C. Organizational Communication Support Tracks
(12 hours required)
The student must pick 12 hours in a support track area in consultation with his or her advisor.

1. Advertising ST 5001
2. Public Relations ST 5002
3. Sales ST 5003
4. Broadcast ST 5004
5. Foreign Language ST 5005
6. English ST 5006
7. General Business ST 5007
8. Management ST 5008
9. Management Information ST 5009
10. Marketing ST 5010
11. Training and Development ST 5011
12. Psychology ST 5012
13. Political Science ST 5013
14. Social Work ST 5014
15. Family and Consumer Science ST 5015
16. Sociology ST 5016

Offered by Department of Communication Speech Major

Speech Communication Option

Bachelor of Arts FAH BA 4304

Minimum General Studies .................................................. 45
- English Language minimum .......................................... 9
- Humanities minimum .................................................. 9
- Mathematics, Statistics & Computer Science minimum .... 3
- Natural Sciences minimum ........................................... 7
- Social and Behavioral Sciences minimum ...................... 9
- Personal Development minimum .................................. 2

BA Language requirement ................................................. a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option .................................................................. 36

Minor or 2nd Major, minimum .......................................... 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework................................. 111
Unrestricted electives in 125 hour program ................................ 14
Minimum total hours required for BA in Speech Communication.................................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Speech Communication must earn a minimum 2.5 G.P.A. in the major.

A. Speech Communication Core Requirements (12 hours required)
Take all of the following:

- SPCH 202, Communication Concepts in Society.................................3 hours
- SPCH 370, Small Group Communication.....................................3 hours
- SPCH 456, Rhetorical Theory.......................................................3 hours
- SPCH 499, Communication Theory..............................................3 hours

B. Speech Communication Electives (24 hours required)
Take 0-12 hours from:

- SPCH 154, Cross-Cultural Communication..............................3 hours
- SPCH 222, Oral Interpretation of Literature...............................3 hours
- SPCH 230, Nonverbal Communication.........................................3 hours
- SPCH 231, Introduction to Forensics and Debate...........................3 hours
- SPCH 237, Intercollegiate Debate and Forensics..........................1-4 hours
  (4 hours maximum)
- SPCH 240, Public Speaking for Professions and Business.............3 hours
- SPCH 299, Organizational Communication.................................3 hours

Take 12-24 hours from:

- SPCH 300, Interpersonal and Relational Communication.............3 hours
- SPCH 332, Logic Argumentation and Reasoning..........................3 hours
- SPCH 360, Persuasion and Propaganda......................................3 hours
- SPCH 380, Rhetorical Criticism..................................................3 hours
- SPCH 401, Seminar: Special Topics..........................................1-3 hours
  (6 hours maximum)
- SPCH 450, General Semantics (Language and Behavior).............3 hours
- SPCH 451, Leadership Communication......................................3 hours
- SPCH 452, Theories of Organizational Communication...............3 hours
- SPCH 453, Interviewing............................................................3 hours
- SPCH 454, Intercultural Communication....................................3 hours
- SPCH 455, Communication Training and Consulting..................3 hours
- SPCH 457, Contemporary Rhetorical Theory...............................3 hours

Offered by Department of Communication
Speech Major

Speech Communication Option
Bachelor of Science FAH BS 4304

Minimum General Studies ..........................................................45
  English Language minimum.........................................................9
  Humanities minimum.................................................................9
  Mathematics, Statistics & Computer Science minimum..................3
  Natural Sciences minimum..........................................................7
  Social and Behavioral Sciences minimum....................................9
  Personal Development minimum.................................................2

BS Science-related course requirements ........................................0

Major Option ..................................................................................36

Minor or 2nd Major, minimum .....................................................24

Minimum total hours required coursework.....................................105

Unrestricted electives in 125 hour program....................................20

Minimum total hours required for BS in Speech Communication............125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Speech Communication must earn a minimum 2.5 G.P.A. in the major.

A. Speech Communication Core Requirements (12 hours required)
Take all of the following:

- SPCH 202, Communication Concepts in Society..........................3 hours
- SPCH 370, Small Group Communication.....................................3 hours
- SPCH 456, Rhetorical Theory.......................................................3 hours
- SPCH 499, Communication Theory..............................................3 hours

B. Speech Communication Electives (24 hours required)
Take 0-12 hours from:

- SPCH 154, Cross-Cultural Communication..............................3 hours
- SPCH 222, Oral Interpretation of Literature...............................3 hours
- SPCH 230, Nonverbal Communication.........................................3 hours
- SPCH 231, Introduction to Forensics and Debate...........................3 hours
- SPCH 237, Intercollegiate Debate and Forensics..........................1-4 hours
  (4 hours maximum)
- SPCH 240, Public Speaking for Professions and Business.............3 hours
- SPCH 299, Organizational Communication.................................3 hours

Take 12-24 hours from:

- SPCH 300, Interpersonal and Relational Communication.............3 hours
- SPCH 332, Logic Argumentation and Reasoning..........................3 hours
- SPCH 360, Persuasion and Propaganda......................................3 hours
- SPCH 380, Rhetorical Criticism..................................................3 hours
- SPCH 401, Seminar: Special Topics..........................................1-3 hours
  (6 hours maximum)
- SPCH 450, General Semantics (Language and Behavior).............3 hours
- SPCH 451, Leadership Communication......................................3 hours
- SPCH 452, Theories of Organizational Communication...............3 hours
- SPCH 453, Interviewing............................................................3 hours
- SPCH 454, Intercultural Communication....................................3 hours
- SPCH 455, Communication Training and Consulting..................3 hours
- SPCH 457, Contemporary Rhetorical Theory...............................3 hours

Offered by Department of Communication
Speech Major

Speech Communication 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education FAH BAE 4306

Minimum General Studies ..........................................................45
  including General Studies coursework required by Teacher Education

  English Language minimum.........................................................9
  ENG 101GS, Expository Writing I..................................................3 hours
  ENG 102GS, Expository Writing II...............................................3 hours
  SPCH 100GS, Fundamentals of Speech Communication.................3 hours

  Humanities minimum.................................................................12
  HIST 250GS, American History...................................................3 hours
  HIST 251GS, American History...................................................3 hours
  PSCI 110GS, Introduction to American Politics............................3 hours
  Mathematics, Statistics & Computer Science minimum..................3
  HIST 210GS, Western Civilization...............................................3 hours
  HIST 211GS, Western Civilization...............................................3 hours
  SPCH 200, Introduction to Latin America....................................3 hours

Take 1 course from:

  PSCI 200GS, American History...................................................3 hours
  SPCH 200, Introduction to Latin America....................................3 hours

Minimum total hours required for BS in Speech Communication............125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students selecting a major in Speech Communication must earn a minimum 2.5 G.P.A. in the major.

A. Speech Communication Core Requirements (12 hours required)
Take all of the following:

- SPCH 202, Communication Concepts in Society..........................3 hours
- SPCH 370, Small Group Communication.....................................3 hours
- SPCH 456, Rhetorical Theory.......................................................3 hours
- SPCH 499, Communication Theory..............................................3 hours

B. Speech Communication Electives (24 hours required)
Take 0-12 hours from:

- SPCH 154, Cross-Cultural Communication..............................3 hours
- SPCH 222, Oral Interpretation of Literature...............................3 hours
- SPCH 230, Nonverbal Communication.........................................3 hours
- SPCH 231, Introduction to Forensics and Debate...........................3 hours
- SPCH 237, Intercollegiate Debate and Forensics..........................1-4 hours
  (4 hours maximum)
- SPCH 240, Public Speaking for Professions and Business.............3 hours
- SPCH 299, Organizational Communication.................................3 hours

Take 12-24 hours from:

- SPCH 300, Interpersonal and Relational Communication.............3 hours
- SPCH 332, Logic Argumentation and Reasoning..........................3 hours
- SPCH 360, Persuasion and Propaganda......................................3 hours
- SPCH 380, Rhetorical Criticism..................................................3 hours
- SPCH 401, Seminar: Special Topics..........................................1-3 hours
  (6 hours maximum)
- SPCH 450, General Semantics (Language and Behavior).............3 hours
- SPCH 451, Leadership Communication......................................3 hours
- SPCH 452, Theories of Organizational Communication...............3 hours
- SPCH 453, Interviewing............................................................3 hours
- SPCH 454, Intercultural Communication....................................3 hours
- SPCH 455, Communication Training and Consulting..................3 hours
- SPCH 457, Contemporary Rhetorical Theory...............................3 hours
Take any Economic Perspective GS course .................. 3 hours
Take any GS course from:
  Social Perspective, 
  Geographical Perspective or
  Behavioral Perspective ........................................ 3 hours
  Personal Development minimum ......................... 3 including:
  PE 160GS, Healthful Living ................................3 hours

Professional Sequence ..................................... 30 including:
  TE 319, Management and Assessment
    in K-12/Secondary Classrooms ......................... 2 hours
  TE 320, Field Experience in Secondary Classroom ...... 2 hours
    Students must apply for admission to all Teacher Education programs.
Endorsement .................................................. 30

Second Subject Endorsement, normally ................. 30
  Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework ............... 135

Restricted electives in 125 hour program ................. 0

Minimum total hours required for BAE in Speech Communication 7-12 Teaching Subject Endorsement .......... 135
  All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
  Students selecting a subject endorsement in Speech Communication must earn a minimum 2.5 G.P.A. in the Endorsement.

A. Speech Communication Subject Endorsement Core Requirements (12 hours required)
  Take all of the following:
    SPCH 202, Communication Concepts in Society .......... 3 hours
    SPCH 370, Small Group Communication .................. 3 hours
    SPCH 456, Rhetorical Theory ................................3 hours
    SPCH 499, Communication Theory .......................... 3 hours

B. Speech Communication Subject Endorsement Additional Requirements (15 hours required)
  Take all of the following:
    SPCH 222, Oral Interpretation of Literature .............. 3 hours
    SPCH 231, Introduction to Forensics and Debate ........ 3 hours
    SPCH 300, Interpersonal and Relational Communication... 3 hours
    SPCH 400, The Teaching of Speech ..........................3 hours
    SPCH 453, Interviewing ..................................... 3 hours

C. Speech Communication Subject Endorsement Electives
  (3 hours required)
  Take 1 course from:
    SPCH 240, Public Speaking for Professions and Business 3 hours
    SPCH 360, Persuasion and Propaganda ..................... 3 hours

Offered by Department of Communication

Advertising Minor

MN 1081

Minimum hours required for minor.......................... 24

Requirements
  Take all of the following:
    JMC 100GS, Global Media Literacy ........................ 3 hours
    JMC 110, Topics: QuarkXpress ............................ 1 hour
    JMC 129, Integrated Marketing Communications ............3 hours
    JMC 130, Advertising Principles and Practice .............3 hours
    JMC 307, Advertising Copywriting ..........................3 hours
    JMC 310, Communications Law ................................3 hours
    JMC 316, Broadcast Advertising and Programming ..........3 hours
    JMC 329, Print Advertising Design ..........................3 hours
    JMC 351, Antelope Newspaper Production - Advertising Staff ........................................ 2 hours

Offered by Department of Communication

Journalism Minor

MN 1030

Minimum hours required for minor.......................... 24

Requirements
  Take all of the following:
    JMC 100GS, Global Media Literacy ........................ 3 hours
    JMC 110, Topics: Photoshop .................................. 1 hour
    JMC 215, Newswriting ....................................... 3 hours
    JMC 220, Photojournalism .................................. 3 hours
    JMC 305, Writing Feature & Magazine Articles ............. 3 hours
    JMC 310, Communications Law ................................ 3 hours
    JMC 315, Advanced Reporting & Editing .................... 3 hours
    JMC 330, Publication Design ................................ 3 hours
    JMC 350, Antelope Newspaper Production - News Staff .... 2 hours

Offered by Department of Communication

Multimedia Minor

MN 1096

Minimum hours required for minor.......................... 25

Requirements
  Take the following:
    CSIS 130GS, Introduction to Computer Science ........... 4 hours
  Take 3 hours from:
    CSIS 425, Database Systems ................................ 3 hours
    CSIS 440, Client-side Web Application Development .... 3 hours
  Take all of the following:
    ART 301M, Typography I .................................... 3 hours
    ART 305M, Computers and Design ........................ 3 hours
    ART 318M, Graphic Design I ................................ 3 hours
    JMC 250, Electronic Cinematography ....................... 2 hours
    JMC 310, Communications Law ................................ 3 hours
    JMC 318, Writing for The Media ............................ 3 hours
    JMC 498, Multimedia Directed Study ....................... 1 hour

  Multimedia majors are expected to take the following as General Studies courses:
    JMC 100GS, Global Media Literacy ........................ 3 hours
    ART 120GS, Art Appreciation ................................ 3 hours
A. Requirements (15 hours required)

Take all of the following:
- JMC 100GS, Global Media Literacy: 3 hours
- JMC 110, Topics: 1 hour
- JMC 129, Integrated Marketing Communications: 3 hours
- JMC 215, Newswriting: 3 hours
- JMC 309, Public Relations: 3 hours
- JMC 310, Communications Law: 3 hours
- JMC 330, Publication Design: 3 hours
- JMC 350, Antelope Newspaper Production - News Staff: 2 hours
- JMC 409, Public Relations Strategy: 3 hours

Take 2 hours from:
- SPCH 240, Public Speaking for Professions and Business: 3 hours
- THEA 235, Creative Dramatics: 3 hours

Minimum hours required for minor: 24 hours

B. Electives (9 hours required)
Take 9 hours from Dance, Speech or Theatre, excluding SPCH 100GS, to total 24 hours for the minor. A course in Dance is strongly recommended.

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Department of Communication Disorders

Linda K. Crowe, Chair
Associate Professors: Crowe, L. Larson, J. Moore
Assistant Professors: Brouwer, McKelvey
Lecturers: Kommers, Schneider

Department Objectives:
- To provide education in the field of communication disorders. This program provides the necessary sequence of courses to obtain licensure and/or become endorsed as a speech/language pathologist upon completion of a Master’s Degree;
- To offer a minor.

Information for Students Seeking Teaching Endorsements
Upon admission to teacher education, candidates requesting a communication disorders major, supplemental endorsement, or minor in communication disorders should file a program with the Communication Disorders Department for approval. Requirements for admission to student teaching in the endorsed areas are consistent with those recommended by the College of Education.

The Speech, Language, and Hearing Clinic
Professional preparation in speech/language pathology requires clinical experience with children and adults who have been referred to the clinic for speech/language and hearing assessment and/or treatment. This program provides an opportunity to study, in a practical setting, the application of skills and techniques learned in the academic program. The clinic provides an integral part of the initial educational program in speech/language pathology.

COMMUNICATION DISORDERS MAJOR
One option is available in this major:
- Communication Disorders Comprehensive - Bachelor of Science in Education Degree

A minor in Communication Disorders is available. Courses with the prefixes CDIS are offered by the department. See page 196.
Minimum General Studies ........................................... 45
including General Studies coursework required  
by Teacher Education and endorsement  
English Language minimum ..................................... 9 including:
ENG 101GS, Expository Writing I ............................ 3 hours 
ENG 102GS, Expository Writing II ............................ 3 hours 
SPCH 100GS, Fundamentals of Speech Communication ...... 3 hours
Humanities minimum .................................................... 12 including:
Take 1 course from:
HIST 210GS, Western Civilization .......................... 3 hours 
HIST 211GS, Western Civilization .......................... 3 hours 
HIST 212GS, Non-Western World History .................. 3 hours 
HIST 215GS, Introduction to Latin America ............... 3 hours
Take 1 course from:
HIST 250GS, American History ............................. 3 hours 
HIST 251GS, American History ............................. 3 hours
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum ...................................... 7 including:
BIOL 103GS, General Biology ............................... 4 hours
Take any Physics GS course  
Social and Behavioral Sciences minimum ................. 9 including:
PSCI 110GS, Introduction to American Politics .......... 3 hours 
PSY 203GS, General Psychology .......................... 3 hours
Take any Economic Perspective GS course ................. 3 hours
Personal Development minimum ............................ 3 including:
PE 160GS, Healthful Living ................................... 3 hours

Professional Sequence ............................................. 14 including:
TE 100, Teaching in a Democratic Society .................. 3 hours 
TE 204, Typical/Atypical Growth and Development ...... 4 hours 
TE 206, Instructional Technology ............................ 4 hours 
and the Preservice Teacher ................................. 3 hours 
TE 306, Reading and Inclusion in Kindergarten ......... 2 hours 
TE 319, Management and Assessment ..................... 2 hours 
in K-12/Secondary Classrooms ........................... 2 hours
(must be taken concurrently with CDIS 311 and CDIS 312)

Major Option .......................................................... 57
Minimum total hours required coursework ............... 116
Unrestricted electives in 125 hour program ............... 9
Minimum total hours required for BSE  
in Communication Disorders Comprehensive 125 
All UNK degrees require a minimum of 125 hours. Forty (40) of the 
hours required for all UNK degrees must be upper division hours, 
which are courses numbered 300 or above taken at a 4-year college 
or university.

A. Communication Disorders Core Requirements  
(18 hours required)
Take all of the following:
CDIS 215, Introduction to Phonetics .......................... 3 hours 
CDIS 250, Introduction to Speech and Hearing Science .... 3 hours 
CDIS 338, Anatomy and Physiology of the Speech Mechanism 3 hours 
CDIS 352, Normal and Disordered Language: 6-12 Years ...... 3 hours 
PSY 230GS, Human Development ........................... 3 hours

B. Speech/Language Pathology-Special Professional Courses  
(33 hours required)
Take all of the following:
CDIS 210, Survey of Communication Disorders ............ 3 hours 
CDIS 311, Orientation to Practicum .......................... 3 hours 
CDIS 354, Early Communicative Development ............. 3 hours 
CDIS 356, Communication Disorders of the Adolescent .... 3 hours 
CDIS 362, Remediation of Articulation Disorders .......... 3 hours 
CDIS 413, American Sign Language I ....................... 3 hours 
CDIS 418, Diagnosis of Communication Disorders .......... 3 hours 
CDIS 485, Fluency Disorders .................................. 3 hours 
CDIS 488, Senior Seminar .................................... 3 hours
Take 2 hours from:
CDIS 312, Field Experience in Communication Disorders .... 1 hour 
(repeat two times not concurrently)
Take 4-6 hours from:
CDIS 480A,B,C, Clinical Practicum in Speech/Language Pathology .......... 2 hours

C. Audiology-Professional Specialized Courses (6 hours required)
Take all of the following:
CDIS 410, Introduction to Audiology ....................... 3 hours 
CDIS 415, Audiologic Rehabilitation ....................... 3 hours

Communication Disorders Minor

MN 1018
The minor in Communication Disorders provides basic information about 
human communication development and disorders. It is appropriate for 
students majoring in elementary and special education, psychology, 
human development, social work, and English as a Second Language. 
An individual with a minor in Communication Disorders cannot be 
employed as a speech-language pathologist or audiologist; however, 
the minor does provide a portion of the basic background necessary to 
begin graduate study.

Minimum hours required for minor ......................... 24

A. Requirements (18 hours required)
Take all of the following:
CDIS 210, Survey of Communication Disorders ............ 3 hours 
CDIS 336, Anatomy and Physiology of the Speech Mechanism 3 hours 
CDIS 352, Normal and Disordered Language: 6-12 Years ...... 3 hours 
CDIS 354, Early Communicative Development ............. 3 hours 
CDIS 410, Introduction to Audiology ....................... 3 hours 
CDIS 418, Diagnosis of Communication Disorders .......... 3 hours 
(Prereq: CDIS 210, CDIS 354, CDIS 362, 
admission to Teacher Education)

B. Electives (6 hours required)
Take 6 hours with approval of Communication Disorders faculty:
CDIS 215, Introduction to Phonetics .......................... 3 hours 
CDIS 250, Introduction to Speech and Hearing Science .... 3 hours 
(Prereq: CDIS 210, CDIS 215)
CDIS 413, Basic Sign Language ................................ 3 hours 
CDIS 415, Audiologic Rehabilitation ....................... 3 hours
Department of Computer Science and Information Systems

Sherri Harms, Chair
Associate Professors: Harms, Hastings
Assistant Professors: A. Alavi, Liu

Department Objectives:
- To provide the necessary preparation for students planning careers in Computer Science and related areas;
- To provide the necessary preparation for students planning careers in Computer Information Systems and related areas;
- To provide courses to meet the requirements of General Studies;
- To provide the courses to meet the service functions for departments requiring knowledge of Computer Science and Computer Information Systems;
- To provide courses that meet the service functions demanded by the community and state in Computer Science and Computer Information Systems;
- To prepare students for graduate work and research in Computer Science and Computer Information Systems.

COMPUTER SCIENCE VERSUS COMPUTER INFORMATION SYSTEMS: A LOGICAL CHOICE

Computer-related disciplines have developed to include two broad areas of knowledge: Computer science and computer information systems. The programs and courses offered by this department reflect this situation. Concisely stated, computer science deals within a framework of mathematics, algorithms, and technology, whereas computer information systems is more organizational and applications oriented.

The computer science graduate will be more involved with algorithm formulation, software development and hardware design, while the computer information systems graduate will interact with organizational functions in designing and implementing computer applications.

Both computer science and computer information systems graduates typically obtain similar entry-level positions as computer programmers, systems analysts, or related jobs. The difference between computer science and computer information systems become more distinct as graduates progress on the job or as they prepare for graduate study.

Common Core Courses
All of the options in the Computer Science/Information Systems Major contain the following core courses:
- CSIS 130GS, Introduction to Computer Science
- CSIS 150, Object Oriented Programming

The common core allows students to defer the decision as to which option to select.

COMPUTER SCIENCE AND INFORMATION SYSTEMS MAJOR

Four options are available in this major:
I. Applied Computer Science Option - Bachelor of Science Degree
II. Computer Information Systems Option - Bachelor of Science Degree
III. Computer Science Comprehensive Option - Bachelor of Science Degree
IV. Computer Information Systems Comprehensive Option - Bachelor of Science Degree

Minors in Computer Information Systems and Computer Science are available for students pursuing majors in other disciplines.

Courses with the prefix CSIS are offered by the department. See page 201.

Computer Science and Information Systems courses are also used in the Multimedia Major and as “Areas of Emphasis” within the Business Administration Comprehensive Major, the Organizational Communication Comprehensive Major, and the Telecommunications Management Comprehensive Major.

The department participates in the Masters of Science in Education Degree with a specialization in Instructional Technology which is offered by the College of Education and in the Master of Business Administration degree. (See Graduate Catalog for programs and courses.)

Offered by Department of Computer Science and Information Systems
Computer Science and Information Systems Major

Applied Computer Science Option

Bachelor of Science  
NSS BS 5309

Minimum General Studies ..............................................45
+ General Studies coursework required by major = 46
English Language minimum.............................................9
Humanities minimum..................................................9
Mathematics, Statistics & Computer Science minimum... 7 including:
CSIS 130GS, Introduction to Computer Science............4 hours
MATH 102*, College Algebra.........................................3 hours
Students with sufficient preparation may enter the mathematics program at a higher level. (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)

Natural Sciences minimum ..........................................7
Social and Behavioral Sciences minimum .......................9
Personal Development minimum ...................................2

BS Science-related course requirements ..................8 including:
MATH 103*, Plane Trigonometry....................................3 hours
MATH 115, Calculus I with Analytic Geometry...............5 hours
Students with sufficient preparation may enter the mathematics program at a higher level.

Major Option....................................................................36

Minor or 2nd Major, minimum........................................24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework....................114
Unrestricted electives in 125 hour program ......................11
Minimum total hours required for BS ..................125

in Applied Computer Science ...................................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

All courses in this major require a minimum grade of “C”. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a “C” or above.

A. Computer Science Core Requirements (30 hours required)
Take all of the following:
CSIS 150, Object Oriented Programming...................3 hours
CSIS 180, Discrete Structures.................................3 hours
CSIS 301, Computer Organization..........................3 hours
CSIS 330, Algorithms and Data Structures..............3 hours
CSIS 401, Operating Systems.................................3 hours
CSIS 402, Introduction to Automata, Formal Languages, and Computability......................3 hours
CSIS 404, Software Engineering.............................3 hours
CSIS 408, Principles of Programming Languages........3 hours
CSIS 441, Artificial Intelligence............................3 hours
CSIS 496, Seminar in Computer Science..................3 hours

B. Computer Science Electives (6 hours required)
Take 6 additional hours from:
CSIS 300-CSIS 499, as approved by department.
Take no more than 3 hours from CSIS 399, CSIS 492-CSIS 495.
Computer Information Systems Option

Bachelor of Science

Minimum General Studies ........................................... 45
+ General Studies coursework required by major .................. 46
English Language minimum ........................................... 9
Humanities minimum ................................................. 9
Mathematics, Statistics & Computer Science minimum... 7 including:
  CSIS 130GS, Introduction to Computer Science .......... 4 hours
  MATH 102*, College Algebra ...................................... 3 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level. (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)

Natural Sciences minimum ............................................. 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum ..................................... 2

BS Science-related course requirements .......................... 3 including:

Take 1 course from:
  MATH 115*, Calculus I with Analytic Geometry ............. 5 hours
  MATH 123*, Calculus I with Analytic Geometry .......... 3 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level.

Major Option .................................................................... 36

Minor or 2nd Major, minimum ......................................... 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ...................... 109

Unrestricted electives in 125 hour program ....................... 16

Minimum total hours required for BS in Computer Information Systems ......................................... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A grade of “C” or above is required for all courses in this Option. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a “C” or above.

A. Computer Information Systems Core Courses
(33 hours required)

Take all of the following:
  CSIS 150, Object Oriented Programming ................... 3 hours
  CSIS 223, Computer Organization ......................... 3 hours
  CSIS 350, Information Systems Concepts .................. 3 hours
  CSIS 380, System Analysis and Design ................... 3 hours
  CSIS 406, Internet-based Information Systems Development ... 3 hours
  CSIS 425, Database Systems .................................. 3 hours
  CSIS 428, Data Communications and Distributed Processing .......... 3 hours
  CSIS 450, E-commerce Information Systems .............. 3 hours
  CSIS 458, Computer Security .................................. 3 hours
  CSIS 497, Seminar in Computer Information Systems ..... 3 hours

Take 3 hours from:
  CSIS 111GS, Applied BASIC Programming .................. 3 hours
  CSIS 210GS, Structured Transaction Programming .......... 3 hours

B. Computer Information Systems Electives (3 hours required)
Take 3 hours from:
  CSIS 300-CSIS 499 as approved by the department.
  Take no more than 3 hours from CSIS 399, CSIS 492-CSIS 495

Comp. Sci. and Info. Systems

Offered by Department of Computer Science and Information Systems

Computer Science Comprehensive Option

Bachelor of Science

Minimum General Studies ........................................... 45
+ General Studies coursework required by major .................. 46
English Language minimum ........................................... 9
Humanities minimum ................................................. 9
Mathematics, Statistics & Computer Science minimum... 7 including:
  CSIS 130GS, Introduction to Computer Science .......... 4 hours
  MATH 102*, College Algebra ...................................... 3 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level. (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)

Natural Sciences minimum ............................................. 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum ..................................... 2

BS Science-related course requirements ......................... 8 including:
  MATH 103*, Plane Trigonometry ................................ 3 hours
  MATH 115, Calculus I with Analytic Geometry ............. 5 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level.

Major Option .................................................................... 61

Minimum total hours required coursework ...................... 115

Unrestricted electives in 125 hour program ....................... 10

Minimum total hours required for BS
in Computer Science Comprehensive ................................ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A grade of “C” or above is required for all courses in this Option. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a “C” or above.

A. Computer Science Comprehensive Core Requirements
(52 hours required)

Take all of the following:
  CSIS 150, Object Oriented Programming ................... 3 hours
  CSIS 180, Discrete Structures ................................... 3 hours
  CSIS 301, Computer Organization ......................... 3 hours
  CSIS 330, Algorithms and Data Structures ............... 3 hours
  CSIS 401, Operating Systems .................................. 3 hours
  CSIS 402, Introduction to Automata, Formal Languages, and Computability .......... 3 hours
  CSIS 404, Software Engineering ............................. 3 hours
  CSIS 408, Principles of Programming Languages ....... 3 hours
  CSIS 425, Database Systems .................................. 3 hours
  CSIS 441, Artificial Intelligence ................................ 3 hours
  CSIS 496, Seminar in Computer Science ................. 3 hours
  MATH 202, Calculus II with Analytic Geometry ......... 5 hours
  MATH 260, Calculus III ........................................... 5 hours
  MATH 420, Numerical Analysis .............................. 3 hours
  MATH 440, Linear Algebra ..................................... 3 hours
  STAT 345, Applied Statistics I ................................ 3 hours

B. Computer Science Electives (9 hours required)
Take 9 hours from:
  CSIS 300-CSIS 499
  MATH 300-MATH 499
  PHYS 300-PHYS 499
  STAT 300- STAT499
  as approved by the department.

Take no more than 3 hours from CSIS 399, CSIS 492-CSIS 495.
A. Computer Information Systems Comprehensive Core Courses  
(45 hours required)

Take all of the following:

- CSIS 150, Object Oriented Programming 3 hours
- CSIS 223, Computer Organization 3 hours
- CSIS 350, Information Systems Concepts 3 hours
- CSIS 380, System Analysis and Design 3 hours
- CSIS 406, Internet-based Information Systems Development 3 hours
- CSIS 425, Database Systems 3 hours
- CSIS 428, Data Communications and Distributed Processing 3 hours
- CSIS 450, E-commerce Information Systems 3 hours
- CSIS 458, Computer Security 3 hours
- CSIS 497, Seminar in Computer Science 3 hours
- BMGT 325, Principles of Accounting II 3 hours
- BMGT 301, Principles of Management 3 hours
- BMIS 350 - Intermediate Business Intelligence through Data Mining 3 hours
- BMIS 350 - Business Statistics 3 hours
- STAT 241, Elementary Statistics 3 hours

Minimum General Studies ........................................................................... 45
+ General Studies coursework required by major .................................. 46
English Language minimum ..................................................................... 9
Humanities minimum ................................................................................ 9
Mathematics, Statistics & Computer Science minimum... 7 including:
- CSIS 130GS, Introduction to Computer Science 4 hours
- MATH 101, College Algebra 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level. (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)

Natural Sciences minimum ...................................................................... 7
Social and Behavioral Sciences minimum ............................................... 9
Personal Development minimum ................................................................ 2

BS Science-related course requirements .................................................... 60
Minimum total hours required coursework ............................................. 112
Unrestricted electives in 125 hour program ............................................. 112

Minimum total hours required for BS in Computer Information Systems Comprehensive .......................... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A minimum grade of "C" is required for each of the courses taken in this major. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

B. Computer Information Systems Comprehensive Electives  
(6 hours required)

Take 6 hours from:
- CSIS 300-CSIS 499 as approved by the department.
- Take no more than 3 hours from CSIS 399, CSIS 492-CSIS 495

C. Computer Information Systems Comprehensive Business or Geography Electives  
(9 hours required)

Take 9 hours from:
- BACC 311, Business Law ................................................................. 3 hours
- BACC 352, Cost Accounting ............................................................. 3 hours
- BMGT 314, Operations Management .................................................. 3 hours
- BMGT 330, International Management .............................................. 3 hours
- BMGT 355, Organizational Behavior .................................................. 3 hours
- BMGT 380, Human Resource Management ....................................... 3 hours
- BMIS 485, Information Systems Strategy and Management ............. 3 hours
- BMKT 300, Principles of Marketing ..................................................... 3 hours
- BMKT 434, Business-to-Business Marketing ..................................... 3 hours
- BMKT 457, E-Marketing ..................................................................... 3 hours
- GEOG 315, Geographic Information Systems - Principles and Concepts ................................................. 4 hours
- GEOG 316, GIS - Working with GIS and Spatial Analysis ............. 3 hours

Offered by Department of Computer Science and Information Systems

Computer Information Systems Minor

MN 1054

A grade of "C" or above is required for all courses in this minor. In this minor, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

Minimum hours required for minor ........................................................ 25

A. Requirements (19 hours required)

Take all of the following:
- CSIS 130GS, Introduction to Computer Science 4 hours
- CSIS 150, Object Oriented Programming 3 hours
- CSIS 223, Computer Organization 3 hours
- CSIS 350, Information Systems Concepts 3 hours
- CSIS 380, System Analysis and Design 3 hours
- CSIS 406, Internet-based Information Systems Development 3 hours
- CSIS 425, Database Systems 3 hours
- CSIS 428, Data Communications and Distributed Processing 3 hours
- CSIS 450, E-commerce Information Systems 3 hours
- CSIS 458, Computer Security 3 hours

B. Computer Science Minor Electives (6 hours required)

Take 6 additional hours from:
- CSIS 406, Internet-based Information Systems Development 3 hours
- CSIS 428, Data Communications and Distributed Processing 3 hours
- CSIS 440, Client-side Web Application Development 3 hours
- CSIS 441, Artificial Intelligence 3 hours
- CSIS 450, E-commerce Information Systems 3 hours
- CSIS 458, Computer Security 3 hours
- (Prereq: CSIS 428 or ITEC 430)
A grade of “C” or above is required for all courses in this minor. In this minor, prerequisites are fulfilled when the prerequisite courses have been passed with a “C” or above.

Minimum hours required for minor: 26

A. Requirements (21 hours required)

Take all of the following:
- CSIS 130GS, Introduction to Computer Science: 4 hours
- CSIS 150, Object Oriented Programming: 3 hours
- CSIS 180, Discrete Structures: 3 hours
- CSIS 301, Computer Organization: 3 hours
- CSIS 330, Algorithms and Data Structures: 3 hours
  (Prereq: ENG 102GS)
- MATH 115, Calculus I with Analytic Geometry: 5 hours
  (Prereq: MATH 102, MATH 103)

B. Computer Science Minor Electives (5 hours required)

Take at least two courses to equal 5 hours from:
- CSIS 401, Operating Systems: 3 hours
- CSIS 402, Introduction to Automata, Formal Languages, and Computability: 3 hours
- CSIS 404, Software Engineering: 3 hours
- CSIS 406, Internet-based Information Systems Development: 3 hours
  (Prereq: CSIS 150, CSIS 425)
- CSIS 425, Database Systems: 3 hours
- CSIS 428, Data Communications and Distributed Processing: 3 hours
- CSIS 441, Artificial Intelligence: 3 hours
  (Prereq: CSIS 428 or ITEC 430)
- CSIS 458, Computer Security: 3 hours
- CSIS 492, Practicum in Computer Science/Information Systems: 1-6 hours
  (Prereq: CSIS 223, permission of department chair)
- CSIS 493, Directed Readings in Computer Science/Information Systems: 1-3 hours
  (Prereq: CSIS 223, permission of department chair)
- CSIS 494, Directed Research in Computer Science/Information Systems: 1-3 hours
  (Prereq: CSIS 223, permission of department chair)
- CSIS 495, Independent Study in Computer Science/Information Systems: 1-3 hours
  (Prereq: CSIS 223, permission of department chair)

Department of Counseling and School Psychology

This department offers degrees at the graduate level only.

Max McFarland, Chair
Professors: Archwamety, Dinsmore, M. Kuskie, McFarland
Associate Professors: Hof, G. Mims, Sobansky
Assistant Professor: M. Mims
Lecturer and Coordinator of Clinical Programs: Beckman

Courses with the prefix CSP are offered by the department. See page 204.

The school psychology program is accredited by the National Association of School Psychologists as of January 1, 1994.

The community counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs as of April 1, 2000.

Criminal Justice and Social Work

Maha Younes, Chair

Criminal Justice

Julie Campbell, Interim Criminal Justice Program Director
Professors: J. Carlson, Siedschlaw
Associate Professor: Wiersma
Assistant Professors: J. Campbell, Neal

Department Objectives:

Criminal Justice

- To provide a broad academic and multidisciplinary background for students majoring in Criminal Justice;
- To prepare students of high character and ethical standards for leadership positions within the employment areas of law enforcement, corrections, probation, parole, private security, and the courts;
- To assist students in gaining employment within criminal justice and related career fields;
- To cultivate in students a realistic awareness of present and historical trends of crime and criminal methodology;
- To stimulate an awareness of deviant and normal human behavior of concern to criminal justice practitioners;
- To acquaint students with current literature and research pertaining to the administration of justice.

Criminal Justice General Information:

At least 15 hours (5 courses) of upper division credit in criminal justice must be taken from UNK.

Social Work

Maha Younes, Social Work Program Director
Professor: Younes
Associate Professor: Cook-Fong
Assistant Professors: DeLong-Hamilton, Van Laningham
Senior Lecturer: Stuehm

The Social Work Program is accredited at the baccalaureate level by the Council on Social Work Education (CSWE).

Department Objectives:

Social Work

1. Apply critical thinking skills to generalist social work practice.
2. Support and uphold professional standards, values, and ethics.
3. Employ generalist practice skills in a way that is sensitive to diverse, oppressed, and at-risk populations.
4. Demonstrate the professional use of self.
5. Understand the forms and mechanisms of oppression and the strategies of change that advance social work and economic justice.
6. Understand the history of the social work profession and its current structures and issues.
7. Utilize a strengths perspective; employ a planned change approach that reflects assessment, goals, alternative strategies that lead to effective intervention on individual, group, environmental, and societal levels.
8. Assist and empower people to develop and use problem solving, coping, and networking capacities.
Criminal Justice and Social Work

9. Apply knowledge of bio-psycho-social variables that affect individual development and behavior.
10. Identify and assess interactions of people within their social environment.
11. Analyze the impact of social policies on client systems, workers, and agencies.
12. Evaluate the extent to which the objectives of planned change efforts are achieved.
13. Evaluate research studies and apply findings to practice.
14. Use communication skills differentially with a variety of client.
15. Under supervision, function within the structure of organizations and service delivery systems and seek necessary organizational change.
16. Link people with and assist in the development of resources, services, and opportunities.

The Social Work Program is accredited at the baccalaureate level by the Council on Social Work Education (CSWE).

The Department does not grant academic credit for life experience or previous work experience.

CRIMINAL JUSTICE MAJOR
Two options are available in this major:
I. Criminal Justice Comprehensive Option - Bachelor of Science Degree
II. Criminal Justice Option - Bachelor of Science Degree

The Criminal Justice minor is available for students pursuing majors in other disciplines.

Courses with the prefix CJUS are offered by the department. See page 199.

SOCIAL WORK MAJOR
One option is available in this major:
• Social Work Comprehensive - Bachelor of Science Degree

The Social Work minor is available for students pursuing majors in other disciplines.

Courses with the prefix SOWK are offered by the department. See page 249.

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Offered by Department of Criminal Justice and Social Work

Criminal Justice Comprehensive Option

<table>
<thead>
<tr>
<th>Bachelor of Science</th>
<th>NSS BS 5403</th>
</tr>
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<tbody>
<tr>
<td>Minimum General Studies</td>
<td>45 hours</td>
</tr>
<tr>
<td>including General Studies coursework required by major</td>
<td></td>
</tr>
<tr>
<td>English Language minimum</td>
<td>9 hours</td>
</tr>
<tr>
<td>Humanities minimum</td>
<td>9 hours</td>
</tr>
<tr>
<td>Mathematics, Statistics &amp; Computer Science minimum</td>
<td>3 hours</td>
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<tr>
<td>Take 1 course from:</td>
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<td>PSCI 110GS, Introduction to American Politics</td>
<td>3 hours</td>
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<tr>
<td>STAT 241, Elementary Statistics</td>
<td>3 hours</td>
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<tr>
<td>Natural Sciences minimum</td>
<td>7 hours</td>
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<tr>
<td>Social and Behavioral Sciences minimum</td>
<td>9 hours</td>
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<tr>
<td>Take 1 course from:</td>
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<td>PSY 203GS, General Psychology</td>
<td>3 hours</td>
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<td>PSY 230GS, Human Development</td>
<td>3 hours</td>
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<td>Personal Development minimum</td>
<td>2 hours</td>
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<td>BS Science-related course requirements</td>
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<td>Major Option</td>
<td>54 hours</td>
</tr>
<tr>
<td>Minimum total hours required coursework</td>
<td>99 hours</td>
</tr>
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</table>

Unrestricted electives in 125 hour program .................................. 26
Minimum total hours required for BS .............................................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

At least 15 hours (5 courses) of upper division credit in criminal justice must be taken from UNK.

A. Criminal Justice Comprehensive Core Requirements
(24 hours required)
Take all of the following:

CJUS 101GS, Introduction to Criminal Justice .................. 3 hours
CJUS 201, The Juvenile Justice System .................. 3 hours
CJUS 215, Correctional Services and Systems .................. 3 hours
CJUS 230, The Police Service .................. 3 hours
CJUS 326, Theories of Crime and Criminal Law .................. 3 hours
CJUS 480, Senior Seminar: Professional Ethics and Career Development .................. 3 hours

Take 1 of the following:

CJUS 250, Criminal Justice Research Methods I .................. 3 hours
SOWK 330, Fundamentals of Research in Social Welfare .................. 3 hours (Prereq: STAT 235)

Take ONE of the following options:

1. Internship (Strongly Recommended)
Take 6-9 hours from:
CJUS 475*, Internship .................. 6 or 9 hours (Prereq: Department Chair required)

*Should CJUS 475 be taken, 3 hours will be counted towards the above required 21 CJUS hours, with remaining hours counted as unrestricted electives. The remaining hours will not be counted toward Criminal Justice coursework.

Students normally take their internship during the summer following their junior year, although the course is offered at other times.

2. OR Additional Coursework
Take 3 additional hours from any CJUS elective course.

B. Criminal Justice Comprehensive Criminal Justice Electives
(21 hours required)
Take 21 hours from:
CJUS 305, Criminal Justice Research Methods II .................. 3 hours (Prereq: CJUS 250)
CJUS 310, Community Based Corrections .................. 3 hours
CJUS 315, Victimization: Victims of Crime .................. 3 hours
CJUS 321, Technology in Criminal Justice .................. 3 hours
CJUS 340, Criminal Evidence and Procedure .................. 3 hours
CJUS 345, Criminal Law .................. 3 hours
CJUS 350, Organized Crime .................. 3 hours
CJUS 353, Crime Prevention and Security .................. 3 hours
CJUS 360, Sex Crimes .................. 3 hours
CJUS 375, Comparative Criminal Justice Systems .................. 3 hours
CJUS 380, Minorities and Criminal Justice .................. 3 hours
CJUS 390, Criminal Investigation .................. 3 hours
CJUS 401, Special Topics .................. 1-12 hours (Prereq: CJUS 305)
CJUS 411, Readings in Criminal Justice .................. 1-6 hours
CJUS 415, Correctional Casework .................. 3 hours
CJUS 420, Supervision and Management in Criminal Justice .................. 3 hours
CJUS 430, Drugs and the Criminal Justice System .................. 3 hours
CJUS 431, Correctional Law and Administration .................. 3 hours
CJUS 435, Interviewing and Correctional Case Management .................. 3 hours (Prereq: CJUS 415)
CJUS 476, Terrorism and Crisis Negotiations .................. 3 hours
CJUS 490, Advanced Criminal and Crime Scene Investigations (CSI) .................. 3 hours (Prereq: CJUS 380)
CJUS 499, Independent Study .................. 3-6 hours
C. Criminal Justice Comprehensive Social Science Electives
(9 hours required)
Take 9 hours from:

- CSP 417, Counseling Skills .............................................. 3 hours
- CSP 418, Introduction to Counseling .................................. 3 hours
- GEOG 315, Geographic Information Systems -
  Principles and Concepts .............................................. 4 hours
- GEOG 316, GIS - Working with GIS and Spatial Analysis ...3 hours
- PE 250GS, First Aid, Responding to Emergencies ..........2 hours
- PSCI 252, The Courts and the Judicial Process ............. 3 hours
- PSCI 300, American Constitutional Law ...................... 3 hours
- PSCI 325, Individual Liberties and Civil Rights ............ 3 hours
  *(Prereq: PSCI 300 or permission of instructor)*
- PSCI 400, Public Administration ................................... 3 hours
- PSY 231, Abnormal Behavior and Society ................... 3 hours
- PSY 376, Psychology and Criminal Behavior ............... 3 hours
  *(Prereq: PSY 203GS)*
- PSY 480, Advanced Seminar in Psychology:
  Psychology and Law .................................................. 3 hours
  *(See advisor for approved topic.)*
- SOC 225, Global Cultures and Diversity ...................... 3 hours
- SOC 369, Criminology ................................................. 3 hours
- SOC 363, Juvenile Delinquency ..................................... 3 hours
- SOC 461, Deviance and Social Control ....................... 3 hours
- SOWK 172, Human Service Ethics and Experience ....... 3 hours
- SOWK 472, Substance Abuse and Addictions ............... 3 hours
- SPAN 103, Spanish for Special Purposes
  *(Law Enforcement)* .................................................. 3 hours
- Any SPAN course 200 or above .................................. 3 hours

Offered by Department of Criminal Justice and Social Work
Criminal Justice Major

**Criminal Justice Option**

**Bachelor of Science**

**NSS BS 5404**

**Minimum General Studies** ................................................. 45

- including General Studies coursework required by major
- English Language minimum ........................................... 9
- Humanities minimum ...................................................... 9
- Mathematics, Statistics & Computer Science minimum ... 3 including:
  - Take 1 course from:
    - STAT 235, Statistical Techniques for Research I .......... 3 hours
    - STAT 241, Elementary Statistics ............................. 3 hours
- Natural Sciences minimum ............................................. 7
- Social and Behavioral Sciences minimum .................... 9 including:
  - PSCI 110GS, Introduction to American Politics ........ 3 hours
  - SOC 100GS, Introduction to Sociology .................... 3 hours
- Take 1 course from:
  - PSY 203GS, General Psychology ............................... 3 hours
  - PSY 240GS, Human Development ............................... 3 hours
- Personal Development minimum ................................... 2

**BS Science-related course requirements** .......................... 105

**Unrestricted electives in 125 hour program** .................... 20

**Minimum total hours required for BS in Criminal Justice** ...... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours.

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**Criminal Justice and Social Work**

which are courses numbered 300 or above taken at a 4-year college or university.

At least 15 hours (5 courses) of upper division credit in criminal justice must be taken from UNK.

**A. Criminal Justice Requirements (24 hours required)**

Take all of the following:

- CJUS 101GS, Introduction to Criminal Justice ............ 3 hours
- CJUS 201, The Juvenile Justice System ..................... 3 hours
- CJUS 215, Correctional Services and Systems ............ 3 hours
- CJUS 230, The Police Service ..................................... 3 hours
- CJUS 326, Theories of Crime and Criminal Law ........... 3 hours
- CJUS 480, Senior Seminar: Professional Ethics and Career Development ......... 3 hours

Take 1 of the following:

- CJUS 250, Criminal Justice Research Methods I ........... 3 hours
- SOWK 330, Fundamentals of Research in Social Welfare ...3 hours
  *(Prereq: STAT 235)*

Take ONE of the following options:

**1. Internship (Strongly Recommended)**

Take 6-9 hours from:

- CJUS 475*, Internship .................................................. 6 or 9 hours
  *Should CJUS 475 be taken; 3 hours will be counted towards the above required 21 CJUS hours, with remaining hours counted as unrestricted electives. The remaining hours will not be counted toward Criminal Justice coursework.

Students normally take their internship during the summer following their junior year, although the course is offered at other times.

**2. OR Additional Coursework**

Take 3 additional hours from any CJUS elective course.

**B. Criminal Justice Electives (9 hours required)**

Take 9 hours from:

- CJUS 305, Criminal Justice Research Methods II ........... 3 hours
  *(Prereq: CJUS 250)*
- CJUS 310, Community Based Corrections .................... 3 hours
- CJUS 315, Victimology: Victims of Crime .................... 3 hours
- CJUS 321, Technology in Criminal Justice .................. 3 hours
- CJUS 340, Criminal Evidence and Procedure................ 3 hours
- CJUS 345, Criminal Law ............................................. 3 hours
- CJUS 350, Organized Crime ........................................ 3 hours
- CJUS 353, Crime Prevention and Security .................... 3 hours
- CJUS 360, Sex Crimes .................................................. 3 hours
- CJUS 375, Comparative Criminal Justice Systems ......... 3 hours
- CJUS 380, Minorities and Criminal Justice ................. 3 hours
- CJUS 390, Criminal Investigation ............................... 3 hours
- CJUS 401, Special Topics ............................................. 1-12 hours
- CJUS 411, Readings in Criminal Justice ..................... 1-6 hours
- CJUS 415, Correctional Casework ............................... 1-3 hours
- CJUS 420, Supervision and Management
  in Criminal Justice .................................................... 3 hours
- CJUS 430, Drugs and the Criminal Justice System ......... 3 hours
- CJUS 431, Correctional Law and Administration .......... 3 hours
- CJUS 435, Interviewing and Correctional Case Management .... 3 hours
  *(Prereq: CJUS 415)*
- CJUS 476, Terrorism and Crisis Negotiations ............... 3 hours
- CJUS 490, Advanced Criminal and Crime Scene
  Investigations (CSI) .................................................... 3 hours
  *(Prereq: CJUS 390)*
- CJUS 499, Independent Study ...................................... 3-6 hours
C. Criminal Justice Social Science Electives (3 hours required)
Take 3 hours from:
- CSP 417, Counseling Skills .................................................. 3 hours
- CSP 418, Introduction to Counseling .................................................. 3 hours
- GEOG 315, Geographic Information Systems - Principles and Concepts .................................................. 4 hours
- GEOG 316, GIS - Working with GIS and Spatial Analysis .................. 3 hours
- PE 260GS, First Aid, Responding to Emergencies ......................... 2 hours
- PSCI 252, The Courts and the Judicial Process ............................ 3 hours
- PSCI 300, American Constitutional Law .................................................. 3 hours
- PSCI 325, Individual Liberties and Civil Rights .................................................. 3 hours
  (Prereq: PSCI 300 or permission of instructor)
- PSCI 400, Public Administration .................................................. 3 hours
- PSY 231, Abnormal Behavior and Society .................................................. 3 hours
- PSY 376, Psychology and Criminal Behavior .................................................. 3 hours
  (Prereq: PSY 203GS)
- PSY 480, Advanced Seminar in Psychology: Psychology and Law .................................................. 3 hours
  (See advisor for approved topic.)
- SOC 225, Global Cultures and Diversity .................................................. 3 hours
- SOC 360, Criminology ............................................................................. 3 hours
- SOC 363, Juvenile Delinquency .................................................. 3 hours
- SOC 461, Deviance and Social Control .................................................. 3 hours
- SOWK 172, Human Service Ethics and Experience .................................................. 3 hours
- SOWK 472, Substance Abuse and Addictions .................................................. 3 hours
- SPAN 103, Spanish for Special Purposes
  (Law Enforcement) ............................................................................. 3 hours
- Any SPAN course 200 or above .................................................. 3 hours

Offered by Department of Criminal Justice and Social Work

Criminal Justice Minor

MN 1055
Minimum hours required for minor .................................................. 24

A. Requirements (9 hours required)
Take all of the following:
- CJUS 101GS, Intro to Criminal Justice .................................................. 3 hours
- CJUS 215, Correctional Services and Systems .................................................. 3 hours
- CJUS 230, The Police Service .................................................. 3 hours

B. Electives (15 hours required)
Take 15 hours from:
- CJUS 201, The Juvenile Justice System .................................................. 3 hours
- CJUS 250, Criminal Justice Research Methods I .................................................. 3 hours
  (Prereq: STAT 235 or STAT 241)
- CJUS 305, Criminal Justice Research Methods II .................................................. 3 hours
  (Prereq: CJUS 250)
- CJUS 310, Community Based Corrections .................................................. 3 hours
- CJUS 315, Victimology: Victims of Crime .................................................. 3 hours
- CJUS 321, Technology in Criminal Justice .................................................. 3 hours
- CJUS 326, Theories of Crime and Criminal Law .................................................. 3 hours
- CJUS 340, Criminal Evidence and Procedure .................................................. 3 hours
- CJUS 345, Criminal Law .................................................. 3 hours
- CJUS 350, Organized Crime .................................................. 3 hours
- CJUS 353, Crime Prevention and Security .................................................. 3 hours
- CJUS 375, Comparative Criminal Justice Systems .................................................. 3 hours
- CJUS 380, Minorities and Criminal Justice .................................................. 3 hours
- CJUS 390, Criminal Investigation .................................................. 3 hours
- CJUS 401, Special Topics .................................................. 3 hours
- CJUS 411, Readings in Criminal Justice .................................................. 1-3 hours
- CJUS 415, Correctional Casework .................................................. 3 hours
- CJUS 420, Supervision and Management in Criminal Justice .................................................. 3 hours
- CJUS 430, Drugs and the Criminal Justice System .................................................. 3 hours

Offered by Department of Criminal Justice and Social Work
Social Work Major

Social Work Comprehensive

Bachelor of Science
NSS BS 8806

Minimum General Studies .................................................. 45
including General Studies coursework required by major
English Language minimum .................................................. 9
Humanities minimum .................................................. 9
Mathematics, Statistics & Computer Science minimum .................................................. 3
Natural Sciences minimum .................................................. 7 including:
  - BIOL 103GS, General Biology .................................................. 4 hours
  - Social and Behavioral Sciences minimum .................................................. 9
  - Personal Development minimum .................................................. 2

BS Science-related course requirements .................................. 3 including:
  - STAT 235, Statistical Techniques for Research I .................................................. 3 hours

Major Option .................................................. 51

Minimum total hours required coursework .................................. 99

Unrestricted electives in 125 hour program .................................. 26

Minimum total hours required for BS in Social Work .................................. 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
Social Work students should work closely with their advisor to ensure that General Studies and major requirements are taken in the right sequence.

A. Social Work Requirements (39 hours required)
Take all of the following:
- SOWK 170GS, Introduction to Social Welfare .................................................. 3 hours
- SOWK 172, Human Service Ethics and Experience .................................................. 3 hours
- SOWK 242, Human Behavior in the Social Environment I .................................................. 3 hours
- SOWK 276, Social Welfare Policies & Services .................................................. 3 hours
- SOWK 330, Fundamentals of Research in Social Welfare .................................................. 3 hours
- SOWK 342, Human Behavior in the Social Environment II .................................................. 3 hours
- SOWK 371, Social Work Practice I .................................................. 3 hours
- SOWK 372, Social Work Practice II .................................................. 3 hours
- SOWK 373, Social Work Practice III .................................................. 3 hours
- SOWK 480, Field Placement I .................................................. 3 hours
- SOWK 481, Field Placement II .................................................. 3 hours
- SOWK 482, Seminar in Social Work .................................................. 3 hours

Take 1 course from:
  - FISD 150, Lifespan Development and the Family .................................................. 3 hours
  - PSY 230GS, Human Development .................................................. 3 hours

B. Social Work Electives (12 hours required)
Category A Electives:
Take a minimum of 9 hours from:
- SOWK 377, Aging Services .................................................. 3 hours
- SOWK 401, Social Work in Legal Settings .................................................. 3 hours
- SOWK 402, School Social Work .................................................. 3 hours
- SOWK 403, Medical Social Work .................................................. 3 hours
- SOWK 433, Introduction to Mental Health Issues .................................................. 3 hours
- SOWK 470, International Social Work Experience .................................................. 1-6 hours
- SOWK 472, Substance Abuse and Addictions .................................................. 3 hours
- SOWK 473, Child Welfare Services .................................................. 3 hours

CJUS 431, Correctional Law and Administration .................................................. 3 hours
CJUS 435, Interviewing and Correctional Case Management .................................................. 3 hours
(Prereq: CJUS 415)
CJUS 467, Terrorism and Crisis Negotiations .................................................. 3 hours
CJUS 480, Senior Seminar: Professional Ethics and Career Development .................................................. 3 hours
CJUS 490, Advanced Criminal and Crime Scene Investigations (CSI) .................................................. 3 hours
(Prereq: CJUS 390)
CJUS 499, Independent Study .................................................. 1-6 hours
B. Electives (9 hours required)

Minimum hours required for minor: 24

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOWK 474, Child Abuse and Neglect</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 475, Special Studies in Social Work</td>
<td>1-3</td>
</tr>
<tr>
<td>SOWK 499, Rural Social Work</td>
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</tbody>
</table>

**Category B Electives:**

Take a minimum of 3 hours from:
- CJUS 201, The Juvenile Justice System (Prereq: CJUS 101GS) 3 hours
- CJUS 310, Community Based Corrections (Prereq: CJUS 101GS) 3 hours
- CJUS 315, Criminology: Victims of Crime (Prereq: CJUS 101GS) 3 hours
- FSID 351GS, Marriage and Family Relationships (Prereq: FSID 311GS, junior standing) 3 hours
- FSID 481, Cross-Cultural Family Patterns (Prereq: FSID 481, junior standing) 3 hours
- FSID 486, Families in Crisis (Prereq: FSID 311GS, junior standing) 3 hours
- PSCI 252, The Courts and the Judicial Process (Prereq: PSY 455, Adolescent Psychology) 3 hours
- PSY 462, Adult Development and Aging (Prereq: PSY 203GS or PSY 230GS) 3 hours
- SOC 369, Sociology of Gender (Prereq: SOC 200GS or SOC 250GS) 3 hours
- SOC 420, Race and Minority Relations (Prereq: SOC 200GS or SOC 250GS) 3 hours

**Offered by Department of Criminal Justice and Social Work**

Social Work Minor

**Minimum hours required for minor:** 24

**A. Requirements (15 hours required)**

Take all of the following:
- SOWK 170GS, Introduction to Social Welfare 3 hours
- SOWK 172, Human Service Ethics and Experience 3 hours
- SOWK 242, Human Behavior in the Social Environment I 3 hours
- SOWK 276, Social Welfare Policies & Services 3 hours
- SOWK 342, Human Behavior in the Social Environment II 3 hours

**B. Electives (9 hours required)**

Take 9 hours from:
- SOWK 330, Fundamentals of Research in Social Welfare 3 hours
- SOWK 377, Aging Services 3 hours
- SOWK 401, Social Work in Legal Settings 3 hours
- SOWK 402, School Social Work 3 hours
- SOWK 403, Medical Social Work 3 hours
- SOWK 433, Introduction to Mental Health Issues 3 hours
- SOWK 470, International Social Work Experience 3 hours
- SOWK 472, Substance Abuse and Addictions 3 hours
- SOWK 473, Child Welfare Services 3 hours
- SOWK 474, Rural Social Work 3 hours
- SOWK 475, Child Abuse and Neglect 3 hours

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**Economics Department Objectives:**

**For Economics:**

Students completing the undergraduate Economics program will demonstrate:
- An understanding of the core knowledge of the discipline.
- The ability to find relevant economic data and use it in appropriate ways.
- The ability to read and comprehend economic literature.
- The ability to write in a manner appropriate to the discipline.

**For Agribusiness:**

Students completing the undergraduate Agribusiness program will demonstrate:
- An understanding of the core knowledge of the discipline.
- The ability to find relevant agribusiness data and use it in appropriate ways.
- The ability to read and comprehend agribusiness literature.
- The ability to write in a manner appropriate to the discipline.

**For Business Education:**

Students completing the undergraduate Business Education program will demonstrate:
- The ability to teach business education classes according to recognized pedagogy.
- The ability to create learning experiences that make the subject matter meaningful to students.
- The ability to select formal and informal assessment strategies for business education classes.
- The ability to utilize technology in the teaching of business education classes.

**College of Business and Technology Graduation Requirements**

All students graduating with a degree from the College of Business and Technology must take at least 60% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take at least 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

**ECONOMICS MAJOR**

Two options are available in this major:
- Economics Option - Bachelor of Arts Degree
- Business Economics Comprehensive Option - Bachelor of Science Degree

**AGRIBUSINESS COMPREHENSIVE MAJOR**

One option is available in this major:
- Agribusiness Comprehensive - Bachelor of Science Degree

**BUSINESS EDUCATION MAJOR**

Two options are available in this major:
- Basic Business Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
- Vocational Business Education 7-12 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

The minor in Economics is available for students pursuing majors in other disciplines.

A Supplemental Endorsement is available in Cooperative Education - Diversified Occupations.

The Economics department participates in the Social Science 7-12 Teaching Field Endorsement.

Courses with the prefixes BSAD, BSED, ECON and VOED are offered by the department. See pages 195 (BSAD, BSED), 205 (ECON), and 260 (VOED).
Economics

Unrestricted electives in 125 hour program

Major Option

BA Language requirement
Minimum General Studies
Bachelor of Arts BT BA 1307
All College of Business and Technology Graduation Requirements must be fulfilled.

Economics Option

Minimum General Studies
including General Studies coursework required by major
- English Language minimum: 9
- Humanities minimum: 9
- Mathematics, Statistics & Computer Science minimum: 3
- Natural Sciences minimum: 7
- Social and Behavioral Sciences minimum: 12 including:
  - ECON 270GS, Principles of Economics, Macroeconomics…3 hours
  - ECON 271GS, Principles of Economics, Microeconomics…3 hours
- Personal Development minimum: 2

BA Language requirement: a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Minor Option

Minor or 2nd Major, minimum: 24
- Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework: 99

Unrestricted electives in 125 hour program: 26

Minimum total hours required for BA in Economics: 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A minimum GPA of 2.0 is required in this major.

A. Economics Requirements (12 hours required)
Take all of the following:
- ECON 300, Foundations of Research Methods in Economics and Business: 2 hours (Prereq: ECON 270GS or ECON 271GS; BMGT 233 or STAT 241)
- ECON 320, Economic Theory, Intermediate Microeconomics: 3 hours
- ECON 321, Economic Theory, Intermediate Macroeconomics: 3 hours
- ECON 485, Senior Seminar: 1 hour (Prereq: MATH 102 or MATH 120; MATH 123)
- STAT 241, Elementary Statistics: 3 hours

Take 1 course from:
- ECON 365, Quantitative Methods: 3 hours
- BMGT 233, Business Statistics: 3 hours (Prereq: MATH 102)
- STAT 241, Elementary Statistics: 3 hours

B. Economics Electives (12 hours required)
Take 12 hours from the following:
- ECON 314, Public Finance: 3 hours
- ECON 322, Money and Banking: 3 hours
- ECON 335, Agricultural Marketing: 3 hours
- ECON 350, Economics of the Agricultural Sector: 3 hours
- ECON 365, Quantitative Methods: 3 hours
- ECON 380, Tourism Economics: 3 hours
- ECON 385, Environmental Economics: 3 hours
- ECON 395, Labor Economics: 3 hours
- ECON 398, Farm and Ranch Management: 3 hours (Prereq: ECON 271GS; BACC 250; passing score on Business Computer Proficiency Examination or completion of BMIS 182GS)
- ECON 410, Health Care Economics: 3 hours
- ECON 415, Agricultural Price Analysis: 3 hours (Prereq: ECON 355, BMGT 233 or STAT 241)
- ECON 430, International Economics: 3 hours
- ECON 435, Agricultural Finance: 3 hours (Prereq: ECON 271GS, ECON 398, BACC 250)
- ECON 465, Economics of Transportation: 3 hours
- ECON 475, Internship: 3 hours
- ECON 499, Independent Study and Research in Economics: 6 hours
- BMGT 334, Intermediate Statistics: 3 hours (Prereq: BMGT 233 or equivalent)
- BMGT 425, Operations Research: 3 hours (Prereq: BMGT 233 or equivalent)
- GEOR 321, Economic Geography: 3 hours (Prereq: GEOR 104GS or GEOR 108GS)

Business Economics Comprehensive Option

Bachelor of Science BT BS 1309
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies
including General Studies coursework required by major
- English Language minimum: 9
- Humanities minimum: 9
- Mathematics, Statistics & Computer Science minimum…6 including:
  - MATH 102*, College Algebra: 3 hours
    *Students with sufficient preparation may enter the mathematics program at a higher level.
- Natural Sciences minimum: 7
- Social and Behavioral Sciences minimum: 12 including:
  - ECON 270GS, Principles of Economics, Macroeconomics…3 hours
  - ECON 271GS, Principles of Economics, Microeconomics…3 hours
- Personal Development minimum: 2

BS Science-related course requirements

A minimum GPA of 2.0 is required in this major.

Economics

Unrestricted electives in 125 hour program: 23

Minimum total hours required for BS in Business Economics Comprehensive: 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Business Economics Comprehensive Option

Bachelor of Science BT BS 1309
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies
including General Studies coursework required by major
- English Language minimum: 9
- Humanities minimum: 9
- Mathematics, Statistics & Computer Science minimum…6 including:
  - MATH 102*, College Algebra: 3 hours
    *Students with sufficient preparation may enter the mathematics program at a higher level.
- Natural Sciences minimum: 7
- Social and Behavioral Sciences minimum: 12 including:
  - ECON 270GS, Principles of Economics, Macroeconomics…3 hours
  - ECON 271GS, Principles of Economics, Microeconomics…3 hours
- Personal Development minimum: 2

BS Science-related course requirements

A minimum GPA of 2.0 is required in this major.
A. Business Core Requirements (36 hours required)
Take all of the following:

BACC 250, Principles of Accounting I .......................................... 3 hours
BACC 251, Principles of Accounting II ......................................... 3 hours
BACC 511, Business Law ......................................................... 3 hours
BMGT 308, Principles of Finance .............................................. 3 hours
BMGT 233, Business Statistics .................................................. 3 hours
BMGT 301, Principles of Management ........................................ 3 hours
BMGT 493, Social Responsibilities of Business:
  Issues and Ethics ...................................................................... 3 hours
BMGT 495, Administrative Strategy and Policy ............................. 3 hours
BMIS 302, Principles of Management Information Systems ........ 3 hours
BMKT 300, Principles of Marketing ............................................ 3 hours
BSED 295, Business Communications ..................................... 3 hours

Take 1 course from:
BMGT 314, Operations Management ........................................ 3 hours
BMGT 355, Organizational Behavior ......................................... 3 hours

B. Business Economics Comprehensive Core Requirements
(21 hours required)
Take all of the following:

ECON 300, Foundations of Research Methods
  in Economics and Business .................................................. 2 hours
ECON 320, Economic Theory, Intermediate Microeconomics ...... 3 hours
ECON 361, Economic Theory, Intermediate Macroeconomics .... 3 hours
ECON 485, Senior Seminar ....................................................... 1 hour

Take 12 additional hours from:

ECON 314, Public Finance ....................................................... 3 hours
ECON 322, Money and Banking .............................................. 3 hours
ECON 335, Agricultural Marketing .......................................... 3 hours
ECON 350, Economics of the Agricultural Sector ................. 3 hours
ECON 365, Quantitative Methods ............................................ 3 hours
ECON 380, Tourism Economics ............................................. 3 hours
ECON 385, Environmental Economics .................................... 3 hours
ECON 395, Labor Economics ................................................. 3 hours
ECON 398, Farm and Ranch Management .............................. 3 hours
  (Prereq: ECON 271GS, BACC 250; passing score on Business
   Computer Proficiency Examination or completion of BMIS 182GS)
ECON 410, Health Care Economics ......................................... 3 hours
ECON 415, Agricultural Price Analysis ..................................... 3 hours
  (Prereq: ECON 335; BMGT 233 or STAT 241)
ECON 430, International Economics ........................................ 3 hours
ECON 435, Agricultural Finance ............................................. 3 hours
  (Prereq: ECON 271GS, ECON 398, BACC 250)
ECON 465, Economics of Transportation ............................... 3 hours
ECON 475, Internship ............................................................. 3 hours
ECON 499, Independent Study and Research
  in Economics ........................................................................ 6 hours
BMGT 334, Intermediate Statistics .......................................... 3 hours
BMGT 425, Operations Research ............................................ 3 hours
GEOG 321, Economic Geography ........................................... 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)

Offered by Department of Economics
Agribusiness Comprehensive

Bachelor of Science BT BS 1308

Minimum General Studies ..................................................... 45
  including General Studies coursework required by major
  English Language minimum .................................................. 9
  Humanities minimum .......................................................... 9

<table>
<thead>
<tr>
<th>Economics</th>
<th>81</th>
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</thead>
<tbody>
<tr>
<td>09-10</td>
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</tbody>
</table>

Mathematics, Statistics & Computer Science minimum: 6 including:
  MATH 102*, College Algebra ............................................... 3 hours
  *Students with sufficient mathematics preparation to enter above
  102 and 103 would have required hours for the
  major reduced.

Take 1 course from:
  MATH 120, Finite Mathematics ............................................ 3 hours
  MATH 123, Applied Calculus I ............................................. 3 hours

Natural Sciences minimum .................................................... 7 including:
  Take ONE of the following options:

Take 1 course from:
  BIOL 103GS, General Biology ............................................. 4 hours
  BIOL 105GS, Biology I ....................................................... 4 hours
  BIOL 106GS, Biology II .................................................... 4 hours
  CHEM 145GS, Introductory Chemistry .................................. 4 hours

OR take 2 courses:
  CHEM 160GS, General Chemistry ....................................... 3 hours
  CHEM 160LGS, General Chemistry Laboratory ...................... 1 hour

Social and Behavioral Sciences minimum ................................ 12 including:
  ECON 270GS, Principles of Economics, Macroeconomics ...... 3 hours
  ECON 271GS, Principles of Economics, Microeconomics .... 3 hours
  General Business minimum ................................................. 2

BS Science-related course requirements .............................. 60
  Minimum total hours required coursework ............................ 105
  Unrestricted electives in 125 hour program ......................... 20

Minimum total hours required for BS in Agribusiness ............ 125
  All UNK degrees require a minimum of 125 hours. Forty (40)
  of the hours required for all UNK degrees must be upper
  division hours, which are courses numbered 300 or above taken
  at a 4-year college or university.

A minimum GPA of 2.0 is required in this major.

A. Agribusiness Core Requirements (33 hours required)
Take all of the following:

BACC 250, Principles of Accounting I .................................... 3 hours
BACC 251, Principles of Accounting II .................................. 3 hours
BACC 311, Business Law ...................................................... 3 hours
BMGT 308, Principles of Finance ........................................... 3 hours
BMGT 301, Principles of Management .................................... 3 hours
BMGT 493, Social Responsibilities of Business:
  Issues and Ethics ................................................................ 3 hours
BMGT 495, Administrative Strategy and Policy ....................... 3 hours
BMIS 302, Principles of Management Information Systems .... 3 hours
BMKT 300, Principles of Marketing ........................................ 3 hours
BSED 295, Business Communications .................................. 3 hours

Take 1 course from:
BMGT 233, Business Statistics .............................................. 3 hours
STAT 241, Elementary Statistics .......................................... 3 hours
  (Prereq: MATH 101)

B. Agribusiness Economics Core Requirements
(18 hours required)
Take all of the following:

ECON 300, Foundations of Research Methods
  in Economics and Business ................................................. 2 hours
ECON 335, Agricultural Marketing ......................................... 3 hours
ECON 350, Economics of the Agricultural Sector .................. 3 hours
ECON 398, Farm and Ranch Management ............................. 3 hours
  (Prereq: ECON 271GS, BACC 250; passing score on Business
   Computer Proficiency Examination or completion of BMIS 182GS)
ECON 415, Agricultural Price Analysis ................................ 3 hours
ECON 435, Agricultural Finance ............................................ 3 hours
ECON 485, Senior Seminar ................................................. 1 hour
C. Agribusiness Major Elective Component (9 hours required)

Take 9 hours from:
- Any 300- to 400-level ECON courses ................. 0-3 hours
- BIOL 301, Introduction to Soils .......................... 4 hours
- BIOL 380, Agronomy ........................................ 3 hours
  (Prereq: BIOL 103GS or BIOL 106GS or permission of instructor)
- GEOG 301, Geography of Soils ........................... 3 hours
  (Prereq: GEOG 102GS or GEOG 207GS)
- GEOG 315, Geographic Information Systems -
  Principles and Concepts .................................... 4 hours
- GEOG 316, GIS - Working with GIS and Spatial Analysis 3 hours
- GEOG 321, Economic Geography ......................... 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)
- GEOG 340, Developing Nations ......................... 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)
- GEOG 400, Water Resources ............................. 3 hours
- GEOG 412, Environmental Planning ..................... 3 hours
- Electives approved by Advisor .......................... 0-12 hours

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Offered by Department of Economics

Economics Minor

MN 1003

Minimum hours required for minor ........................................ 24

A minimum GPA of 2.0 is required in this minor.

Requirements

Take all of the following:
- ECON 270GS, Principles of Economics, Macroeconomics 3 hours
- ECON 271GS, Principles of Economics, Microeconomics 3 hours
- ECON 300, Foundations of Research Methods
  in Economics and Business .................................. 2 hours
- ECON 320, Economic Theory, Intermediate Microeconomics 3 hours
- ECON 321, Economic Theory, Intermediate Macroeconomics 3 hours
- ECON 465, Senior Seminar .................................. 1 hour

Take 1 course from:
- BMGT 233, Business Statistics .......................... 3 hours
  (Prereq: MATH 102 (if necessary) or MATH 120 or MATH 123)
- STAT 241, Elementary Statistics ........................ 3 hours

Take 6 hours from:
- ECON 314, Public Finance ................................... 3 hours
- ECON 318, History of Economic Thought ................ 3 hours
- ECON 322, Money and Banking .......................... 3 hours
- ECON 335, Agricultural Marketing ....................... 3 hours
- ECON 350, Economics of the Agricultural Sector .... 3 hours
- ECON 365, Quantitative Methods ........................ 3 hours
- ECON 380, Tourism Economics ............................ 3 hours
- ECON 385, Environmental Economics .................... 3 hours
- ECON 395, Labor Economics ............................... 3 hours
- ECON 398, Farm and Ranch Management ............... 3 hours
  (Prereq: ECON 271GS; BACC 250; passing score on Business
  Computer Proficiency Examination or completion of BMIS 182GS)
- ECON 410, Health Care Economics ........................ 3 hours
- ECON 415, Agricultural Price Analysis ................. 3 hours
  (Prereq: ECON 335; BMGT 233 or STAT 241)
- ECON 430, International Economics ..................... 3 hours
- ECON 435, Agricultural Finance .......................... 3 hours
  (Prereq: ECON 271GS, ECON 398, BACC 250)
- ECON 445, Industrial Organization ....................... 3 hours
- ECON 465, Economics of Transportation ................ 3 hours
- ECON 499, Independent Study and Research
  in Economics .................................................. 3 hours
B. Basic Business Ed Subject Endorsement Electives
   (3 hours required)
   Take 3 hours from:
   - BSAD 115, Introduction to Business.................................3 hours
   - BMGT 400, Entrepreneurship........................................3 hours

Offered by Department of Economics
Business Education Major

Vocational Business Education 7-12 Teaching Field Endorsement Option

Bachelor of Arts in Education BT BAE 1210
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies ..................................................45
   including General Studies coursework required
   by Teacher Education and endorsement

   English Language minimum........................................... 9 including:
   - ENG 101GS, Expository Writing I....................................3 hours
   - ENG 102GS, Expository Writing II....................................3 hours
   - SPCH 100GS, Fundamentals of Speech Communication........3 hours

   Humanities minimum..................................................12 including:
   - Take 1 course from:
   - HIST 210GS, Western Civilization..................................3 hours
   - HIST 211GS, Western Civilization..................................3 hours
   - HIST 212GS, Non-Western World History.........................3 hours
   - HIST 215GS, Introduction to Latin America......................3 hours
   - Take 1 course from:
   - HIST 250GS, American History.....................................3 hours
   - HIST 251GS, American History.....................................3 hours

   Mathematics, Statistics & Computer Science minimum........... 3
   - Take any GS course from:
   - BMIS 182GS, Software Productivity Tools.......................3 hours
   - BMKT 300, Principles of Marketing..................................3 hours
   - BMIS 282, Business Intelligence Using Databases..............3 hours
   - JMC 300, Website Design.............................................3 hours

   B. Basic Business Ed Subject Endorsement Electives
   (3 hours required)
   Take 3 hours from:
   - BSAD 115, Introduction to Business.................................3 hours
   - BMGT 400, Entrepreneurship........................................3 hours

   Professional Sequence..................................................30 including:
   - TE 319, Management and Assessment
     in K-12/Secondary Classrooms..................................2 hours
   - TE 320, Field Experience in Secondary Classroom..............2 hours
   - Students must apply for admission to all Teacher Education programs.
   - English GS
   - 3 hours
   - BMIS 182GS
   - 3 hours
   - BMKT 300
   - 3 hours
   - BMIS 282
   - 3 hours
   - JMC 300
   - 3 hours

   Endorsement..........................................................51
   Minimum total hours required coursework..........................126
   Unrestricted electives in 125 hour program.........................0
   Minimum total hours required for BAE in Vocational
   Business Education Teaching Field Endorsement...............126

   A. Vocational Business Ed Field Endorsement Requirements
   (33 hours required)
   Take all of the following:
   - BSED 295, Business Communications............................3 hours
   - BSED 302, Automated Office Systems............................3 hours
   - BSED 470, Vocational-Business Methods........................3 hours
   - BACC 250, Principles of Accounting I............................3 hours
   - BACC 251, Principles of Accounting II............................3 hours
   - BACC 311, Business Law.............................................3 hours
   - BMGT 301, Principles of Management............................3 hours
   - BMIS 182GS, Software Productivity Tools.......................3 hours

   B. Basic Business Ed Subject Endorsement Electives
   (3 hours required)
   Take 3 hours from:
   - BSAD 115, Introduction to Business.................................3 hours
   - BMGT 400, Entrepreneurship........................................3 hours

   Offered by Department of Economics
   Business Education Major

   Vocational Business Education 7-12 Teaching Field Endorsement Option

   Bachelor of Arts in Education BT BAE 1210
   All College of Business and Technology Graduation Requirements must be fulfilled.

   Minimum General Studies ..................................................45
   including General Studies coursework required
   by Teacher Education and endorsement

   English Language minimum........................................... 9 including:
   - ENG 101GS, Expository Writing I....................................3 hours
   - ENG 102GS, Expository Writing II....................................3 hours
   - SPCH 100GS, Fundamentals of Speech Communication........3 hours

   Humanities minimum..................................................12 including:
   - Take 1 course from:
   - HIST 210GS, Western Civilization..................................3 hours
   - HIST 211GS, Western Civilization..................................3 hours
   - HIST 212GS, Non-Western World History.........................3 hours
   - HIST 215GS, Introduction to Latin America......................3 hours
   - Take 1 course from:
   - HIST 250GS, American History.....................................3 hours
   - HIST 251GS, American History.....................................3 hours

   Mathematics, Statistics & Computer Science minimum........... 3
   - Take any GS course from:
   - BMIS 182GS, Software Productivity Tools.......................3 hours
   - BMKT 300, Principles of Marketing..................................3 hours
   - BMIS 282, Business Intelligence Using Databases..............3 hours
   - JMC 300, Website Design.............................................3 hours

   B. Basic Business Ed Subject Endorsement Electives
   (3 hours required)
   Take 3 hours from:
   - BSAD 115, Introduction to Business.................................3 hours
   - BMGT 400, Entrepreneurship........................................3 hours

   Professional Sequence..................................................30 including:
   - TE 319, Management and Assessment
     in K-12/Secondary Classrooms..................................2 hours
   - TE 320, Field Experience in Secondary Classroom..............2 hours
   - Students must apply for admission to all Teacher Education programs.
   - English GS
   - 3 hours
   - BMIS 182GS
   - 3 hours
   - BMKT 300
   - 3 hours
   - BMIS 282
   - 3 hours
   - JMC 300
   - 3 hours

   Endorsement..........................................................51
   Minimum total hours required coursework..........................126
   Unrestricted electives in 125 hour program.........................0
   Minimum total hours required for BAE in Vocational
   Business Education Teaching Field Endorsement...............126

   A. Vocational Business Ed Field Endorsement Requirements
   (33 hours required)
   Take all of the following:
   - BSED 295, Business Communications............................3 hours
   - BSED 302, Automated Office Systems............................3 hours
   - BSED 470, Vocational-Business Methods........................3 hours
   - BACC 250, Principles of Accounting I............................3 hours
   - BACC 251, Principles of Accounting II............................3 hours
   - BACC 311, Business Law.............................................3 hours
   - BMGT 301, Principles of Management............................3 hours
   - BMIS 182GS, Software Productivity Tools.......................3 hours

   B. Vocational Business Ed Field Endorsement Electives
   (9 hours required)
   Take all of the following:
   - BSAD 115, Introduction to Business.................................3 hours
   - ECON 271GS, Principles of Economics, Microeconomics........3 hours
   - FSID 160GS, Personal Money Management........................3 hours

   C. Vocational Business Ed Field Endorsement-Vocational Certification Requirements (9 hours required)
   Take all of the following:
   - VOED 431, Coordinating Techniques..............................3 hours
   - VOED 432, Foundations and Contemporary
     Issues in Vocational Education.................................3 hours
   - VOED 434, Introduction to Students with Special Needs...........3 hours

   D. Related Occupational Experience
   Contact the Chair of Department of Business Administration/Business
   Education for information regarding occupational experience.

   Offered by Department of Economics

   Supplemental Endorsement in Cooperative Education - Diversified Occupations

   AD 2015
   This endorsement is a supplemental endorsement, and is designed to be added to an existing teaching certificate. Persons with this endorsement may teach cooperative education - diversified occupations and supervise students during on-the-job training. Cooperative Education - Diversified Occupations is a course of instruction which includes teaching job related skills and on-the-job training.

   Minimum hours required for endorsement..........................6
   Requirements
   Take all of the following:
   - VOED 431, Coordinating Techniques..............................3 hours
   - VOED 432, Foundations and Contemporary
     Issues in Vocational Education.................................3 hours

   Related Occupational Experience:
   A minimum of 1000 hours occupational experience is required.
   Contact the Director for Vocational-Technical Education regarding occupational experience.

   College of Fine Arts and Humanities

   Department of English

   Martha Kruse, Chair
   Professors: Benzel, Bloomfield, Damon, Emrys, Luscher, Tassi, R. Umland, S. Umland
   Associate Professors: Hedge Coker, Honeyman, Khan, Kruse, Peck
   Assistant Professors: Cautrell, Ficociello, Heath
   Senior Lecturers: Christensen, Flood
   Lecturers: Bryant, Lorentzen, Jan Thompson, Turman

   Department Objectives:
   • To provide a broad cultural background for the understanding and appreciation of the character and ideals of human beings and society through courses in literature, composition, and English language;
English Major

Four options are available in this major:

I. English Option - Bachelor of Arts Degree
II. English Option - Writing Emphasis - Bachelor of Arts Degree
III. English 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
IV. Language Arts 7-12 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

The minors in English and Popular Culture are available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in English.

Courses with the prefix ENG are offered by the department. See page 207.

Offered by Department of English
English Major

English Option

Bachelor of Arts FAH BA 3303

<table>
<thead>
<tr>
<th>Minimum General Studies</th>
<th>45</th>
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<tbody>
<tr>
<td>English Language minimum</td>
<td>9</td>
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<tr>
<td>Humanities minimum</td>
<td>9</td>
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<tr>
<td>Mathematics, Statistics &amp; Computer Science minimum</td>
<td>3</td>
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<tr>
<td>Natural Sciences minimum</td>
<td>7</td>
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<tr>
<td>Social and Behavioral Sciences minimum</td>
<td>9</td>
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<tr>
<td>Personal Development minimum</td>
<td>2</td>
</tr>
</tbody>
</table>

BA Language requirement................................................. a minimum of 6

For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ................................................................. 36

Minor or 2nd Major, minimum ............................................ 24

Minor is 24 hours; 18 must be unduplicated. Eliciting a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework......................... 111

Unrestricted electives in 125 hour program......................... 14

Minimum total hours required for BA in English.................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Core Requirements (15 hours required)

Take:

ENG 234GS, Reading and Writing about Literature ...........3 hours

Take 6 hours from the following:

ENG 336, Ancient Literatures ...........................................3 hours
ENG 362A, Survey of British and Commonwealth Literature I 3 hours
ENG 442, Colonial/Early American Literature .................3 hours
ENG 462, Early/Middle English Literature .....................3 hours

ENG 463, Seminar in Shakespeare ..................................3 hours
ENG 464, Seminar in the Renaissance .............................3 hours
ENG 466, Literature of the English Restoration

and Eighteenth Century .................................................3 hours

Take 3 hours from the following Writing/Composition courses:

ENG 214, Beginning Fiction Writing ..................................3 hours
ENG 217, Beginning Poetry Writing ..................................3 hours
ENG 311, Advanced Writing I ...........................................3 hours
ENG 312, Writing in the Professions ..................................3 hours
ENG 320, Creative Play/Script Writing ...............................3 hours
ENG 411, Advanced Writing II .........................................3 hours
ENG 415, Advanced Fiction Writing ..................................3 hours

(Preq: ENG 214; ENG 215 or ENG 217)

ENG 419, Advanced Poetry Writing ....................................3 hours

(Preq: ENG 217; ENG 214 or ENG 215)

ENG 471, Seminar in Rhetoric ...........................................3 hours

Take 3 hours from the following Language courses:

ENG 303, Introduction to Linguistics ................................3 hours
ENG 304, Grammar I .....................................................3 hours
ENG 404, History of the English Language .......................3 hours
ENG 422, Language for the Elementary Teacher ................3 hours

B. Literature Electives (21 hours required)

Take 21 additional hours from any of the following:

Honors Courses

ENG 235HGS, American Studies .......................................3 hours
ENG 240HGS, Literary Classics of the Western World - Honors ..................................................3 hours
ENG 280HGS, Special Topics ...........................................3 hours

Literature Courses

ENG 330, European Literature in Translation ....................3 hours
ENG 333, Non-Western Literature in Translation ...............3 hours
ENG 336, Ancient Literatures ..........................................3 hours
ENG 337, Popular Literature ...........................................3 hours
ENG 338, Studies in a Literary Genre ...............................3 hours
ENG 352A, Survey of U.S. Literature I ..............................3 hours
ENG 352B, Survey of U.S. Literature II .............................3 hours
ENG 355, Literature of the American West .......................3 hours
ENG 359, Contemporary American Multicultural Literature ..3 hours
ENG 360, American Women Writers ..................................3 hours
ENG 362A, Survey of British and Commonwealth Literature I ...3 hours
ENG 362B, Survey of British and Commonwealth Literature II ..3 hours
ENG 373, Film as Literature ............................................3 hours
ENG 374, History of the Motion Picture ............................3 hours
ENG 406, Principles of Literary Criticism ..........................3 hours
ENG 425, Children's Literature ........................................3 hours
ENG 426, Literature for Adolescents ...............................3 hours
ENG 442, Colonial/Early American Literature ....................3 hours
ENG 443, Seminar in the American Renaissance .................3 hours
ENG 444, Seminar in Realism ..........................................3 hours
ENG 445, Seminar in Early 20th Century American Literature ..3 hours
ENG 447, Seminar in Post-World War II American Literature ..3 hours
ENG 450, Seminar in World Literature ..............................3 hours
ENG 460, Topics: Women's Literature ...............................3 hours
ENG 462, Early/Middle English Literature .........................3 hours
ENG 463, Seminar in Shakespeare ....................................3 hours
ENG 464, Seminar in the Renaissance ..............................3 hours
ENG 465, Literature of the English Restoration

and Eighteenth Century ................................................3 hours

ENG 467, Seminar in Romanticism ....................................3 hours
ENG 468, Seminar in Victorian Literature ..........................3 hours
ENG 469, Seminar in Modernism .....................................3 hours
ENG 474, Postmodern/Contemporary British Literature ........3 hours

Institutes, Workshops, Special Topics, Independent Studies Courses

ENG 480, Ft. Kearny Writers' Workshop ............................1-3 hours
ENG 481, Plains Literature Institute ..................................1-3 hours
ENG 490, Special Topics ..................................................1-3 hours
ENG 499, Individual Research .........................................3 hours
English Option - Writing Emphasis

Bachelor of Arts FAH BA 3309

Minimum General Studies .................................................. 45
  English Language minimum ........................................... 9
  Humanities minimum .................................................. 9
  Mathematics, Statistics & Computer Science minimum ...... 3
  Natural Sciences minimum .......................................... 7
  Social and Behavioral Sciences minimum .................... 9
  Personal Development minimum ................................. 2

BA Language requirement ............................................. a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ....................................................................... 36

Minor or 2nd Major, minimum ............................................ 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ........................... 111

Unrestricted electives in 125 hour program ......................... 14

Minimum total hours required for BA
in English Option - Writing Emphasis .............................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Requirements (27 hours required)

Take one course:
  ENG 234GS, Reading and Writing about Literature ........ 3 hours

Take 6 hours from the following:
  ENG 336, Ancient Literatures ...................................... 3 hours
  ENG 362A, Survey of British and Commonwealth Literature I 3 hours
  ENG 442, Colonial/Early American Literature ................ 3 hours
  ENG 462, Early/Middle English Literature ...................... 3 hours
  ENG 463, Seminar in Shakespeare ................................ 3 hours
  ENG 464, Seminar in the Renaissance .......................... 3 hours
  ENG 466, Literature of the English Restoration and Eighteenth Century ............................................. 3 hours
  ENG 471, Seminar in Rhetoric ...................................... 3 hours

Take 15 hours from the following Writing/Composition courses:
  ENG 214, Beginning Fiction Writing ............................. 3 hours
  ENG 217, Beginning Poetry Writing .............................. 3 hours
  ENG 311, Advanced Writing I ..................................... 3 hours
  ENG 312, Writing in the Professions ............................ 3 hours
  ENG 320, Creative Play/Script Writing ......................... 3 hours
  ENG 411, Advanced Writing II ................................... 3 hours
  ENG 415, Advanced Fiction Writing ............................. 3 hours
  (Prereq: ENG 214; ENG 215 or ENG 217)
  ENG 419, Advanced Poetry Writing ............................. 3 hours
  (Prereq: ENG 217; ENG 214 or ENG 215)
  ENG 471, Seminar in Rhetoric ...................................... 3 hours

Take 3 hours from the following Language courses:
  ENG 303, Introduction to Linguistics ............................ 3 hours
  ENG 304, Grammar I .................................................. 3 hours
  ENG 404, History of the English Language ................... 3 hours
  ENG 422, Language for the Elementary Teacher ............ 3 hours

B. Literature Electives (9 hours required)

Take 9 additional hours from any of the following:

Honors Courses
  ENG 235HGS, American Studies .................................. 3 hours
  ENG 240HGS, Literary Classics of the Western World-Honors ......................................................... 3 hours
  ENG 280HGS, Special Topics ........................................ 3 hours

Literature Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 330, European Literature in Translation</td>
<td>3</td>
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<tr>
<td>ENG 333, Non-Western Literature in Translation</td>
<td>3</td>
</tr>
<tr>
<td>ENG 336, Ancient Literatures</td>
<td>3</td>
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<tr>
<td>ENG 337, Popular Literature</td>
<td>3</td>
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<tr>
<td>ENG 338, Studies in a Literary Genre</td>
<td>3</td>
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<tr>
<td>ENG 352A, Survey of U.S. Literature I</td>
<td>3</td>
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<tr>
<td>ENG 352B, Survey of U.S. Literature II</td>
<td>3</td>
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<tr>
<td>ENG 358, Literature of the American West</td>
<td>3</td>
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<tr>
<td>ENG 359, Contemporary American Multicultural Literature</td>
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<tr>
<td>ENG 360, American Women Writers</td>
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<tr>
<td>ENG 444, Seminar in Realism</td>
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<tr>
<td>ENG 445, Seminar in Early 20th Century American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 447, Seminar in Post-World War II American Literature</td>
<td>3</td>
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<td>ENG 460, Topics: Women’s Literature</td>
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<td>ENG 461, Early/Middle English Literature</td>
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<tr>
<td>ENG 463, Seminar in Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>ENG 464, Seminar in the Renaissance</td>
<td>3</td>
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<tr>
<td>ENG 466, Literature of the English Restoration and Eighteenth Century</td>
<td>3</td>
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<tr>
<td>ENG 467, Seminar in Romanticism</td>
<td>3</td>
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<tr>
<td>ENG 468, Seminar in Victorian Literature</td>
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<td>ENG 474, Postmodern/Contemporary British Literature</td>
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Institutes, Workshops, Special Topics, Independent Studies Courses

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENG 480, Ft. Kearny Writers' Workshop</td>
<td>1-3</td>
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<td>ENG 481, Plains Literature Institute</td>
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<tr>
<td>ENG 490, Special Topics</td>
<td>1-3</td>
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<tr>
<td>ENG 499, Individual Research</td>
<td>3</td>
</tr>
</tbody>
</table>

English 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education FAH BAE 3305

Minimum General Studies ............................................. 45
including General Studies coursework required by Teacher Education

English Language minimum ........................................... 9 including:
  ENG 101GS, Expository Writing I .................................. 3 hours
  ENG 102GS, Expository Writing II .................................. 3 hours
  SPCH 100GS, Fundamentals of Speech Communication ................ 3 hours

Humanities minimum .................................................. 12 including:

Take 1 course from:
  HIST 210GS, Western Civilization .................................. 3 hours
  HIST 211GS, Western Civilization .................................. 3 hours
  HIST 212GS, Non-Western World History ................................ 3 hours
  HIST 215GS, Introduction to Latin America .................................. 3 hours

Take 1 course from:
  HIST 250GS, American History ....................................... 3 hours
  HIST 251GS, American History ....................................... 3 hours
A. Requirements (30 hours required)

Take 9 hours from the following Literature courses:

Take 3 hours from the following American literature:
- ENG 250GS, Introduction to Literature: British Literature
- ENG 253GS, Introduction to Literature: Special Topics
- ENG 303, Introduction to Linguistics
- ENG 404, History of the English Language
- ENG 411, Advanced Writing II
- ENG 412, Advanced Fiction Writing
- ENG 463, Seminar in the American Renaissance
- ENG 474, Seminar in Victorian Literature
- ENG 476, Seminar in the Nineteenth Century
- ENG 477, Seminar in the Eighteenth Century
- ENG 478, Seminar in the Restoration and Eighteenth Century

Take 3 hours from the following British literature:
- ENG 354A, Survey of British and Commonwealth Literature I
- ENG 354B, Survey of British and Commonwealth Literature II
- ENG 452, Early/Middle English Literature
- ENG 453, Seminar in Shakespeare
- ENG 454, Seminar in Shakespeare
- ENG 455, Seminar in Early 20th Century American Literature
- ENG 456, Seminar in Post-World War II American Literature
- ENG 457, Seminar in Early 19th Century American Literature
- ENG 458, Seminar in Victorian Literature
- ENG 459, Seminar in the Romantic Period
- ENG 461, Seminar in the Victorian Period
- ENG 462, Seminar in the Renaissance
- ENG 463, Seminar in the Renaissance
- ENG 464, Seminar in the Renaissance
- ENG 465, Seminar in the Renaissance
- ENG 466, Seminar in the Renaissance
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- ENG 468, Seminar in the Renaissance
- ENG 469, Seminar in the Renaissance
- ENG 470, Seminar in the Renaissance
- ENG 471, Seminar in the Renaissance
- ENG 472, Seminar in the Renaissance
- ENG 473, Seminar in the Renaissance
- ENG 474, Seminar in the Renaissance
- ENG 475, Seminar in the Renaissance
- ENG 476, Seminar in the Renaissance
- ENG 477, Seminar in the Renaissance
- ENG 478, Seminar in the Renaissance
- ENG 479, Seminar in the Renaissance
- ENG 480, Seminar in the Renaissance
- ENG 481, Seminar in the Renaissance
- ENG 482, Seminar in the Renaissance
- ENG 483, Seminar in the Renaissance
- ENG 484, Seminar in the Renaissance
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- ENG 486, Seminar in the Renaissance
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- ENG 503, Seminar in the Renaissance
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- ENG 558, Seminar in the Renaissance
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- ENG 562, Seminar in the Renaissance
- ENG 563, Seminar in the Renaissance
- ENG 564, Seminar in the Renaissance
- ENG 565, Seminar in the Renaissance
- ENG 566, Seminar in the Renaissance
- ENG 567, Seminar in the Renaissance
- ENG 568, Seminar in the Renaissance
- ENG 569, Seminar in the Renaissance
- ENG 570, Seminar in the Renaissance
- ENG 571, Seminar in the Renaissance
- ENG 572, Seminar in the Renaissance
- ENG 573, Seminar in the Renaissance
- ENG 574, Seminar in the Renaissance
- ENG 575, Seminar in the Renaissance
- ENG 576, Seminar in the Renaissance
- ENG 577, Seminar in the Renaissance
- ENG 578, Seminar in the Renaissance
- ENG 579, Seminar in the Renaissance
- ENG 580, Seminar in the Renaissance
- ENG 581, Seminar in the Renaissance
- ENG 582, Seminar in the Renaissance
- ENG 583, Seminar in the Renaissance
- ENG 584, Seminar in the Renaissance
- ENG 585, Seminar in the Renaissance
- ENG 586, Seminar in the Renaissance
- ENG 587, Seminar in the Renaissance
- ENG 588, Seminar in the Renaissance
- ENG 589, Seminar in the Renaissance
- ENG 590, Seminar in the Renaissance
- ENG 591, Seminar in the Renaissance
- ENG 592, Seminar in the Renaissance
- ENG 593, Seminar in the Renaissance
- ENG 594, Seminar in the Renaissance
- ENG 595, Seminar in the Renaissance
- ENG 596, Seminar in the Renaissance
- ENG 597, Seminar in the Renaissance
- ENG 598, Seminar in the Renaissance
- ENG 599, Seminar in the Renaissance

Take 9 hours from the following Writing/Composition courses:
- ENG 234GS, Reading and Writing about Literature
- ENG 311, Advanced Writing I
- ENG 312, Advanced Writing II
- ENG 411, Advanced Writing I
- ENG 415, Advanced Writing II
- ENG 419, Advanced Writing III
- ENG 424, Teaching Secondary School English
- ENG 427, Electronic Literacy

Take 6 hours from the following Language courses:
- ENG 404, History of the English Language
- ENG 303, Introduction to Linguistics
- ENG 304, Grammar

Take 1 course from:
- ENG 214, Beginning Fiction Writing
- ENG 217, Beginning Poetry Writing
- ENG 320, Creative Play/Script Writing

Take 3-6 hours from:
- ENG 214, Beginning Fiction Writing
- ENG 217, Beginning Poetry Writing
- ENG 320, Creative Play/Script Writing

Minimum General Studies required by Teacher Education

English Language minimum
- ENG 101GS, Expository Writing I
- ENG 102GS, Expository Writing II
- SPCH 100GS, Fundamentals of Speech Communication

Humanities minimum
- THEA 120GS, Introduction to the Theatre

Take 1 course from:
- ENG 250GS, Introduction to Literature: British Literature
- ENG 251GS, Introduction to Literature: American Literature
- ENG 252GS, Introduction to Literature: Western Civilization
- ENG 253GS, Introduction to Literature: Non-Western Civilization
- ENG 254GS, Introduction to Literature: Special Topics

Take 1 course from:
- HIST 201GS, Western Civilization
- HIST 202GS, Non-Western World History
- HIST 203GS, Introduction to Latin America

Take 1 course from:
- HIST 204GS, American History
- HIST 205GS, American History

Mathematics, Statistics & Computer Science minimum
- MATH 101GS, Calculus I
- MATH 102GS, Calculations II

Social and Behavioral Sciences minimum
- PSCI 110GS, Introduction to American Politics

Offered by Department of English

Language Arts 7-12 Teaching Field Endorsement Option

Bachelor of Arts in Education

FAH BAE 3310
A. Required Literature (9 hours required)

Take 9 hours from the following Literature courses:

Take 3 hours from the following American literature:
- ENG 352A, Survey of U.S. Literature I: American and Modern Literature 3 hours
- ENG 352B, Survey of U.S. Literature II: American and Modern Literature 3 hours
- ENG 358, Literature of the American West 3 hours
- ENG 359, Contemporary American Multicultural Literature 3 hours
- ENG 360, American Women Writers 3 hours
- ENG 442, Colonial/Early American Literature 3 hours
- ENG 443, Seminar in the American Renaissance 3 hours
- ENG 445, Seminar in Early 20th Century American Literature 3 hours
- ENG 447, Seminar in Post-World War II American Literature 3 hours

Take 3 hours from the following British literature:
- ENG 362A, Survey of British and Commonwealth Literature I 3 hours
- ENG 362B, Survey of British and Commonwealth Literature II 3 hours
- ENG 462, Early/Middle English Literature 3 hours
- ENG 463, Seminar in Shakespeare 3 hours
- ENG 464, Seminar in the Renaissance 3 hours
- ENG 466, Literature of the English Restoration and Eighteenth Century 3 hours
- ENG 467, Seminar in Romanticism 3 hours
- ENG 468, Seminar in Victorian Literature 3 hours
- ENG 474, Postmodern/Contemporary British Literature 3 hours

Take 3 hours from the following world literature:
- ENG 234GS, Reading and Writing about Literature 3 hours
- ENG 235HGS, American Studies 3 hours
- ENG 236, Ancient Literatures 3 hours
- ENG 237, Non-Western Literature in Translation 3 hours
- ENG 238, European Literature in Translation 3 hours
- ENG 450, Seminar in World Literature 3 hours

In all three categories, topics classes may be included by department permission.

B. Required Language (6 hours required)

Take all of the following:
- ENG 304, Grammar I 3 hours
- ENG 404, History of the English Language 3 hours

C. Required Writing (6 hours required)

Take one course:
- ENG 214, Beginning Fiction Writing 3 hours
- ENG 217, Beginning Poetry Writing 3 hours
- ENG 311, Advanced Writing I 3 hours
- ENG 320, Creative Play/Script Writing 3 hours

Take one course from:
- Social Perspective
- Geographical Perspective
- Behavioral Perspective

Personal Development minimum: 3 hours including:
- PE 160GS, Healthful Living 3 hours

Professional Sequence: 30 hours

Endorsement: 50-51 hours

Minimum total hours required coursework: 125-126

Unrestricted electives in 125 hour program: 0

Minimum total hours required for BAE in Language Arts 7-12 Teaching Field Endorsement: 125-126

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

D. Required Pedagogy (6 hours required)

Take all of the following:
- ENG 424, Teaching Secondary School English 3 hours
- ENG 427, Electronic Literacy 3 hours

E. Electives (11-12 hours required)

Electives in English to total 11-12 hours.

 Especially recommended: 300/400 level literature or language courses; ENG 423, Reading Problems of Secondary Schools; ENG 426, Literature for Adolescents; additional writing courses.

F. Required Communications (12 hours required)

Take one course from each category (9 hours) and one additional course from any of the categories (3 hours)

Journalism/Mass Communications
- JMC 220, Photojournalism 3 hours
- JMC 226, Audio Production 3 hours

Speech
- Take required course:
  - SPCH 400, The Teaching of Speech 3 hours
- Elective from:
  - SPCH 222, Oral Interpretation of Literature 3 hours
  - SPCH 231, Introduction to Forensics and Debate 3 hours
  - SPCH 237, Intercollegiate Debate and Forensics 3 hours
  - SPCH 240, Public Speaking for Professions and Business 3 hours

Theater
- THEA 135, Introduction to Stage Technology 2 hours
- THEA 225, Acting I 3 hours
- THEA 450, Play Direction (Prereq: THEA 120GS, THEA 135, THEA 225) 3 hours

Minimum hours required for minor: 24

Requirements

Take one course:
- ENG 234GS, Reading and Writing about Literature (Prereq: ENG 102GS) 3 hours

Take ONE of the following emphases:

A. Literature Emphasis (21 hours required)

Take all of the following:
- Literature courses 15 hours
- English language courses 3 hours
- Writing courses 3 hours

B. Writing Emphasis (21 hours required)

Take all of the following to total 21 hours:
- Literature courses 6-9 hours
- English language courses 3 hours
- Writing courses 9-12 hours

Literature Courses
- ENG 235HGS, American Studies 3 hours
- ENG 240HGS, Literary Classics of the Western World-Honors 3 hours
English

ENG 260, Images of Women in Literature ..................3 hours
ENG 280HGS, Special Topics .................................3 hours
ENG 330, European Literature in Translation ................3 hours
ENG 333, Non-Western Literature in Translation .........3 hours
ENG 336, Ancient Literatures ................................3 hours
ENG 337, Popular Literature .................................3 hours
ENG 338, Studies in a Literary Genre .........................3 hours
ENG 352A, Survey of U.S. Literature I ......................3 hours
ENG 352B, Survey of U.S. Literature II ..................3 hours
ENG 358, Literature of the American West .................3 hours
ENG 359, Contemporary American Multicultural Literature ..3 hours
ENG 360, American Women Writers ........................3 hours
ENG 362A, Survey of British and Commonwealth Literature I..3 hours
ENG 362B, Survey of British and Commonwealth Literature II.3 hours
ENG 373, Film as Literature ................................3 hours
ENG 374, History of the Motion Picture .....................3 hours
ENG 406, Principles of Literary Criticism ......3 hours
ENG 425, Children's Literature .............................3 hours
ENG 426, Literature for Adolescents ........................3 hours
ENG 442, Colonial/Early American Literature ...............3 hours
ENG 443, Seminar in the American Renaissance ............3 hours
ENG 444, Seminar in Realism ................................3 hours
ENG 445, Seminar in Early 20th Century American Literature ..3 hours
ENG 447, Seminar in Post-World War II American Literature ..3 hours
ENG 450, Seminar in World Literature ......................3 hours
ENG 460, Topics: Women's Literature .......................3 hours
ENG 462, Early/Middle English Literature ..................3 hours
ENG 463, Seminar in Shakespeare ..........................3 hours
ENG 464, Seminar in the Renaissance .......................3 hours
ENG 466, Literature of the English Restoration and Eighteenth Century ........................................ 3 hours
ENG 467, Seminar in Romanticism ..........................3 hours
ENG 468, Seminar in Victorian Literature ..................3 hours
ENG 469, Seminar in Modernism ...........................3 hours
ENG 474, Postmodern/Contemporary British Literature ....3 hours
ENG 480, Ft. Kearny Writers’ Workshop ......................1-3 hours
ENG 481, Plains Literature Institute ........................1-3 hours
ENG 483, Film Institute ...................................1-3 hours
ENG 490, Special Topics ....................................1-3 hours

Minimum hours required for minor .................................24

ENG 101GS should be completed prior to taking coursework for this minor. Prior completion of ENG 102GS is strongly advised.

A. Literature Courses (9-18 hours required)

Take one course:
ENG 234GS, Reading and Writing about Literature ..........3 hours
(Prereq: ENG 102GS)

Take 6-15 hours from the following:
ENG 254GS, Introduction to Literature: Special Topics ........3 hours
(Prereq: ENG 102GS)
ENG 337, Popular Literature ................................3 hours
ENG 373, Film as Literature ................................3 hours
ENG 374, History of the Motion Picture .....................3 hours
ENG 425, Children’s Literature ................................3 hours
(Prereq: any GS Literature course)
ENG 426, Literature for Adolescents ........................3 hours
(Prereq: any GS Literature course)
ENG 427, Electronic Literacy ..................................3 hours

B. Writing Courses (0-6 hours required)

Take 0-6 hours from the following:
ENG 214, Beginning Fiction Writing ..........................3 hours
ENG 215, Advanced Fiction Writing ..........................3 hours
(Prereq: ENG 214)
MUS 106GS, Introduction to Jazz and Blues ...............3 hours
MUS 107GS, Introduction to Rock and Blues ...............3 hours

C. Music Courses (0-9 hours required)

Take 0-9 hours from the following:
ENG 101GS, American Musical Theatre .....................3 hours
(Prereq: ENG 102GS)

English Minor - Popular Culture

Offered by Department of English

English Minor: Elementary Education

Minimum hours required for minor ....................................24

ENG 101GS, Expository Writing I ..........................3 hours
ENG 234GS, Reading and Writing about Literature .........3 hours
(Prereq: ENG 102GS)
ENG 425, Children’s Literature ................................3 hours
Take 15 hours from:
United States Literature .......................................3-6 hours
British & Commonwealth Literature .......................3-6 hours
English Language .............................................3-6 hours

Claude Louishomme, Director

Graduates entering the area of business, education, individual, family, medical, and legal services must be prepared to work with an increasingly diverse population in both urban and rural areas. Those in business and industry sectors must be prepared for an increasingly diverse workforce and customer base. Educators, while predominantly
Natural and Social Sciences (BIOL, CHEM, CJUS, CSIS, GEOG, INTS, BMKT, BSAD, BSED, BTE, CDIS, CSP, ECON, ELED, FSID, HSCI, ITEC, PE, PTE, REC, SFED, SPED, TE, WSTD)

Program Mission Statement
The Ethnic Studies Program is an interdisciplinary program committed to promoting multicultural and ethnic knowledge, understanding, skills and values to prepare students to function effectively in a culturally diverse nation and world.

Program Goals
The primary goal of the Ethnic Studies Program is to provide a curriculum that enhances student knowledge, skills and abilities in the understanding and integration of knowledge related to various ethnic groups within the United States society. Additional goals include the enhancement of student skills in the areas of critical thinking, analysis and problem solving techniques with an emphasis on ethnic and racial concerns.

Program Objectives
- To engage students and faculty in educational activities that foster awareness of and exposure to scholarly and popular literature on the roles that ethnicity and race have played and continue to play in shaping American society.
- To assist students to develop critical thinking skills related to ethnic and racial concerns.
- To assist students to develop fundamental skills related to academic research, effective writing, social, cultural, educational or business program assessment related to ethnic studies.
- To promote cross-cultural understanding and efforts to strive for social justice.

The minor in Ethnic Studies is available for students pursuing majors in other disciplines.

Courses with the prefix ETHS are offered by the Ethnic Studies Program. See page 210.
For more information contact:
Claude Louishomme, Director
Ethnic Studies Program
University of Nebraska at Kearney
Kearney, NE 68849

Offered by Ethnic Studies Program

Ethnic Studies Minor

Minimum hours required for minor..............................................24

A. Requirements (9 hours required)
Take all of the following:
ETHS 101GS, Introduction to Ethnic Studies ......................3 hours
ETHS 370, Research in Ethnic Studies...............................3 hours
ETHS 450, Senior Seminar in Comparative Ethnic Studies..3 hours

B. Electives (15 hours required)
Take 15 hours from two of the following disciplines to be approved by director of the Ethnic Studies Program:
1. Arts and Humanities (ART, CHIN, DANc, ENG, FOL, FREN, GERM, HIS, JAP, JMC, MUS, PHIL, SPAN, SPCH, THEA)
2. Natural and Social Sciences (BIOL, CHEM, CJUS, CSIS, GEOG, INTS, MATH, PHYS, PSCI, PSY, SOC, SOSC, SOWK, STAT, WSTD)
3. Applied and Professional Studies (BACC, BFIN, BMGT, BMIS, BMKT, BSAD, BSED, BTE, CDIS, CSP, ECON, ELED, FSID, HSCI, ITEC, PE, PTE, REC, SFED, SPED, TE, WSTD)

Work closely with the director of the Ethnic Studies Program to design individualized course of study.

Phyllis Markussen, Chair
Professor: Markussen
Associate Professors: Asay, Moore, Stolzer
Assistant Professors: Crosswhite, Kimmons
Lecturers: C. Glazier, Johnston, T. Larsen

Mission:
The mission of Family Studies and Interior Design is to enable families, both as individual units and generally as a social institution to build and maintain systems of action which lead (1) to maturing in individual self formation, (2) to encourage enlightened, cooperative participation in the critique and formation of social goals and means of accomplishing them; and (3) to enable individuals to be critically aware of consumer resources and their management as well as to develop the competence to base actions upon rational, responsible decisions. (The Department’s mission statement is adopted in part from the Mission Statement of the American Association of Family and Consumer Sciences.)

Department Objectives:
- Family Studies: To present opportunities to identify universal principles governing development in the family, encounter and analyze a variety of theories, and study the complex but integrated life-styles and family structures which evolve over the life span.
- Interior Design: To provide students with a background in the physiological, sociological and economic aspects of housing and in the selection of housing, commercial and residential interior design, furnishings and equipment, with additional specialization in kitchen and bath design

The Interior Design program is accredited by the National Kitchen and Bath Design Association and the Council for Interior Design Accreditation.
The Family Studies program is certified by the National Council on Family Relations.

(Students fulfilling the NCFR Curriculum requirements may apply for the Provisional Certified Family Life Educator (CFLE) designation.)

Department Policy
All students completing a major or minor in the department will be required to earn a “C” or better grade in all FSID courses in the major or minor.

College of Business and Technology Graduation Requirements
All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

FAMILY STUDIES AND INTERIOR DESIGN MAJOR
Two options are available in this major:
I. Interior Design Comprehensive Option - Bachelor of Science Degree
II. Family Studies Option - Bachelor of Science Degree

Family Studies and Interior Design offers the Family Studies minor. Courses with the prefix FSID are offered by the department. See page 212.
Family Studies and Interior Design

Offered by Department of Family Studies and Interior Design
Family Studies and Interior Design Major

Interior Design Comprehensive Option

Bachelor of Science  
BT BS 1413

All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies ........................................... 45
including General Studies coursework required by major

English Language minimum ........................................... 9
Humanities minimum .................................................... 9 including:
ART 120GS, Art Appreciation .................................. 3 hours
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum ........................................... 7
Social and Behavioral Sciences minimum ...................... 9
Personal Development minimum ............................... 3 including:
FSID 108GS, Space for Family Living ....................... 3 hours

BS Science-related course requirements ...................... 0

Major Option .......................................................... 70

Minimum total hours required coursework .................... 115

Unrestricted electives in 125 hour program ................... 10

Minimum total hours required for BS in Family and Consumer
Science Comprehensive/Interior Design Emphasis ............ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

All students completing this major will be required to earn a “C” or
better grade in all FSID, ART and ITEC courses in the major.

Interior Design Requirements

Take all of the following:

FSID 122, Architectural Drafting and Design .............. 3 hours
FSID 128, Application of Basic Design to Interior Design .. 3 hours
FSID 200, Textiles .................................................... 3 hours
FSID 207, History of Interiors I ................................ 3 hours
FSID 208, Interior Design Graphics ............................ 3 hours
FSID 209, History of Interiors II ................................. 3 hours
FSID 260, Application of CAD for Interior Design ....... 3 hours
FSID 265, Application of CAD for Construction Documents .. 3 hours
FSID 305, Residential Kitchen and Bath Design ............. 3 hours
FSID 306, Theory and Application of Lighting .............. 3 hours
FSID 307, Furniture, Finishes, Materials
and Components of Interior Architecture ..................... 3 hours
FSID 309, Interior Design Studio I: Programming,
Space Planning and Predesign of Interiors ................... 3 hours
FSID 316, Interior Design Studio II:
Interior Design of Small Projects ............................. 3 hours
FSID 401, Interior Design Studio III: Nature
and Design of Residential Interiors ........................... 3 hours
FSID 407, Interior Design Studio IV:
Contract Interior Design ........................................... 3 hours
FSID 446, Professional Practice of Interior Design ....... 3 hours
FSID 475, Internship ................................................ 7 hours
ART 118, Color and Design ........................................ 3 hours
BACC 250, Principles of Accounting I ....................... 3 hours
BMKT 331, Professional Selling ............................. 3 hours
ITEC 240, Construction Design and Processes ............. 3 hours
ITEC 341, Mechanical and Electrical Systems ............. 3 hours

The Interior Design Program is accredited by the National Kitchen
and Bath Association. Completion of this program plus two years
qualified verifiable employment qualifies students to sit for the National
Kitchen and/or Bath Certification Examinations. Successful passage
of examinations earns certification as Kitchen and/or Bath Designer
and title of Certified Kitchen and/or Bath Designer. The Interior Design
Program is accredited by the Council for Interior Design Accreditation.
Completion of this program plus two years qualified verifiable
employment qualifies students to sit for the National Council of Interior
Design Qualification Examination.

Offered by Department of Family Studies and Interior Design
Family Studies and Interior Design Major

Family Studies Option

Bachelor of Science  
BT BS 1414

All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies ........................................... 45
including General Studies coursework required by major

English Language minimum ........................................... 9
Humanities minimum .................................................... 9
Mathematics, Statistics & Computer Science minimum .... 3
Natural Sciences minimum ........................................... 7
Social and Behavioral Sciences minimum ...................... 7
Psychology minimum .................................................. 3

Person Development minimum ............................... 3 including:
FSID 151GS, Human Sexual Behavior ........................ 3 hours

BS Science-related course requirements ...................... 0

Major Option .......................................................... 36

Minor or 2nd Major, minimum .................................... 24

All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

All students completing this major will be required to earn a “C” or
better grade in all FSID courses in the major.

Family Studies Requirements (36 hours required)

Take all of the following:

FSID 150, Lifespan Development and the Family .......... 3 hours
FSID 250, Infant Development ................................... 3 hours
FSID 253, Child & Adolescent Development ............... 3 hours
FSID 280, Field Experience ....................................... 2 hours
FSID 302, Parent Education ...................................... 3 hours
FSID 340, Family Life Education .............................. 3 hours
FSID 402, Selected Readings in Family Studies .......... 3 hours
FSID 404, Family Studies Professional Practice ............ 1 hour
FSID 406, Family Resource Management .................. 3 hours
FSID 450, The Aging Adult ....................................... 3 hours
FSID 475, Internship ................................................ 3 hours
FSID 481, Cross-Cultural Family Patterns .................. 3 hours
FSID 486, Families in Crisis .................................... 3 hours

One of the following additional class options is necessary for CFLE
certification:

Option 1

FSID 362, Families and Social Policy ....................... 3 hours
SOWK 172, Human Service Ethics and Experience ...... 3 hours

Option 2

SOWK 170GS, Introduction to Social Welfare ............ 3 hours
SOWK 172, Human Service Ethics and Experience ...... 3 hours
SOWK 276, Social Welfare Policies & Services ............ 3 hours
Bachelor of General Studies Program

The Bachelor of General Studies is an interdisciplinary program that promotes study in a wide range of disciplines - the arts, foreign languages, humanities, natural sciences, social sciences, and professional studies - that enable the student to develop a broad view, a capacity for critical thinking, and a fundamental understanding of human nature, society and values. It should not be confused with the General Studies Program, which is a required component in all undergraduate degree programs.

Students completing the interdisciplinary, undergraduate BGS program will demonstrate:

- An understanding of the core knowledge of the distribution areas
- The ability to find relevant data and use it in appropriate ways
- The ability to read and comprehend literature appropriate to the distribution areas
- The ability to write in a manner appropriate to the distribution areas

For more information contact:
Mary Daake, Program Advisor and Director of Academic Advising
Bachelor of General Studies Program
University of Nebraska at Kearney
Kearney, NE 68849

Minimum General Studies

English Language minimum...........................................9
Humanities minimum....................................................9
Mathematics, Statistics & Computer Science minimum.......3
Natural Sciences minimum.............................................7
Social and Behavioral Sciences minimum.........................9
Personal Development minimum......................................2

Minimum hours required for minor..................................24
All students completing this minor will be required to earn a “C”
or better grade in all FSID courses in the minor.

A. Requirements (12 hours required)

Take all of the following:
- FSID 150, Lifespan Development and the Family..............3 hours
- FSID 151GS, Human Sexual Behavior..........................3 hours
- FSID 351GS, Marriage and Family Relationships...........3 hours
- FSID 402, Selected Readings in Family Studies..............3 hours

B. Electives (12 hours required)

Take 12 hours from:
- FSID 250, Infants and Twos.................................3 hours
- FSID 253, Child Development.................................3 hours
- FSID 340, Family Life Education.........................3 hours
- FSID 302, Parent Education..................................3 hours
- FSID 406, Family Resource Management.................3 hours
- FSID 450, The Aging Adult.................................3 hours
- FSID 486, Families in Crisis.................................3 hours

Bachelor of General Studies Program

Bachelor of General Studies

Offered by Department of Family Studies and Interior Design

MIN 1097

Minimum hours required for minor..................................24
All students completing this minor will be required to earn a “C”
or better grade in all FSID courses in the minor.

A. Requirements (12 hours required)

Take all of the following:
- FSID 150, Lifespan Development and the Family..............3 hours
- FSID 151GS, Human Sexual Behavior..........................3 hours
- FSID 351GS, Marriage and Family Relationships...........3 hours
- FSID 402, Selected Readings in Family Studies..............3 hours

B. Electives (12 hours required)

Take 12 hours from:
- FSID 250, Infants and Twos....................................3 hours
- FSID 253, Child Development..................................3 hours
- FSID 340, Family Life Education............................3 hours
- FSID 302, Parent Education..................................3 hours
- FSID 406, Family Resource Management..................3 hours
- FSID 450, The Aging Adult....................................3 hours
- FSID 486, Families in Crisis..................................3 hours

Bachelor of General Studies

Offered by College of Natural and Social Sciences
Bachelor of General Studies Program

Minimum General Studies

English Language minimum...........................................9
Humanities minimum....................................................9
Mathematics, Statistics & Computer Science minimum.......3
Natural Sciences minimum.............................................7
Social and Behavioral Sciences minimum.........................9
Personal Development minimum......................................2

Bachelor of General Studies

General Studies Distribution Requirement..........................45-51
Minimum total hours required coursework..........................92-96
Unrestricted electives in 125 hour program.........................29-33

A. Program Requirements (45 hours required)

Take ONE of the following two options:

1. Fine Arts
   Take 15 hours from: Music, Dance, Art, Theatre

2. Humanities
   Take 15 hours from: English, Philosophy, Journalism, Speech

3. Foreign Language
   Take 15 hours from Foreign Language courses.

4. Social Science
   Take 15 hours from: Sociology, Psychology, Political Science, History, Cultural Geography, Economics

5. Natural Science
   Take 15 hours from: Math, Chemistry, Physics and Physical Science, Earth Science, Biology, Computer Science and Information Systems

6. Professional Studies

OR General Studies Option 2
Take at least 30 hours in ONE of the following areas, and 15 hours
in another of the six areas listed.

1. Fine Arts
   Take 15 to 30 hours from: Music, Dance, Art, Theatre

2. Humanities
   Take 15 to 30 hours from: English, Philosophy, Journalism, Speech

3. Foreign Language
   Take 15 to 30 hours from Foreign Language courses.

4. Social Science
   Take 15 to 30 hours from: Sociology, Psychology, Political Science, History, Cultural Geography, Economics

5. Natural Science
   Take 15 to 30 hours from: Math, Chemistry, Physics and Physical Science, Earth Science, Biology, Computer Science and Information Systems

6. Professional Studies

B. Capstone Requirement (2-6 hours required)

Individual programs must be approved by the designated Bachelor of General Studies advisor.

Bachelor of General Studies
Department Objectives:

- Enable students to develop sports skills which they may use for many years in enrichment of their leisure hours;
- Offer students recreational and fitness opportunities;
- Emphasize the importance of lifelong appreciation for fitness and healthful living;
- Provide schools with coaches, physical education teachers, athletic trainers and health education teachers who possess highly developed technical skills, the zeal for educational betterment and personal and cultural qualities which will make them respected citizens of communities in which they teach;
- Prepare persons for professions in the leisure markets, sports administration, recreation, fitness, sports medicine, athletic training, and travel and tourism.

Athletic Training Education Program

Application and Acceptance Requirements

Upon acceptance into the university, each student wishing to enter the Athletic Training Education Program must declare the Athletic Training Comprehensive Option as their field of study. Near the end of the student’s first semester of course work, they must submit an official application for acceptance into the Athletic Training Education Program. Requirements for consideration of an application and qualification for being granted an interview include: completion of observation experiences, a C or better in PE 310 Introduction to Human Physiologic Response to Exercise, a C or better in PE 265 Advanced First Aid and Critical Care (with certification), a C or better in PE 264 & Lab, a cumulative GPA of 2.75 or better, and successful completion of the established application process. Each student will be required, as part of the application process, to complete an interview with the Athletic Training Education Program committee who will ultimately grant acceptance. Official application must be submitted by the last Friday before finals of the student’s first (fall) semester declared in the program. In the event a student does not declare athletic training in his/her first semester, then the student must submit an application during the spring term prior to scheduling an interview. Interviews will be scheduled during April of the spring semester for all students who qualify. Notification of full acceptance into the program will be provided once all qualified applications are reviewed. Each applicant will be notified by mail of their status. A student, once declaring athletic training as a major is required to submit an application upon the completion of their first semester and will also be required to gain full acceptance by the conclusion of the second semester after declaring athletic training as their major field of study. A student not achieving full acceptance by their second application having declared athletic training as a major will not be permitted in the program. Transfer or students wishing to change to the Athletic Training Education Program will have their candidacy individually evaluated.

Although each student will be required to complete an established criteria for application, completion of the criteria does not ensure acceptance into the Athletic Training Education Program. Only an established number of positions will be available each year for qualified applicants. The number of available positions is dictated by the number of clinical educators currently present in the program. The ratio of students to each clinical instructor (8:1) must be maintained so that the program can ensure a quality clinical education environment. Ranked cumulative GPA & successful completion of entrance requirements will contribute to the evaluation process that the program committee will use to consider granting acceptance to any applicant. The program committee may utilize all aspects of the student’s first year observation experiences, the results of the interview, the student’s ACT or SAT scores, TOEFL scores, GPA, grades in pre-requisite courses, and each of the components that make up the competency acquisition within pre-requisite courses to assist them in granting acceptance to any qualified applicant. Those students with the highest GPA and who qualify for acceptance as well as demonstrate excellence in each component of their observation/candidacy period will be given first consideration for acceptance.

Transfer or change of major students

A UNK student wishing to change their major field of study or a student wishing to transfer into the program utilizing previous academic or practical experience must provide the program committee with verification of like experiences to that of any student beginning their study as a declared athletic training student. Every such student wishing to apply for admission into the ATEP must present verification practical experience under a Certified Athletic Trainer, verification of successful completion of an equivalent Human Anatomy and Physiology course with an accompanying lab, proof of certification in American Red Cross or American Heart Association CPR for the Professional Rescuer, proof of certification in American Red Cross First Aid, successful completion of a course similar to PE 264 Foundations of Athletic Training and Lab, and a minimum of a 2.75 overall GPA.

Retention Requirements

A student will be required to maintain a 2.75 cumulative GPA and a 3.0 GPA in the Athletic Training Core in order to remain in the clinical program and to maintain full acceptance status. A student falling short of a cumulative 2.75 GPA and/or a 3.0 in the Athletic Training Core after being fully accepted into the program, will be placed on probation and will not be permitted to continue to be scheduled for field experience assignments, enroll in PE 174 practicum courses or officially complete clinical competencies until their GPA is returned to the minimum of 2.75 and/or 3.0 respectively. A student who is not reinstated after 2 semesters of probation will be removed from the program. No student will be permitted more than a total of 2 semesters of probation. Once the student is fully accepted into the program they will be required to achieve a minimum of a C in Exercise Science and Athletic Training Core courses. Upon receiving a grade below a C, the student will be required to repeat the course during the next semester it is offered and will not be permitted to enroll in any of the following sequence courses, enroll in PE 174 practicum courses or continue their clinical progression.

Requirements for Graduation

Each student must complete all of the ATEP required General Studies courses & meet the university requirement of 45 credits over each content area. Each student must complete the 80 hour Athletic Training Program core of courses with a 3.0 average in the core. Each student must complete the 125 credit hour program with a 2.75 cumulative GPA. Each student must complete all clinical and Field Experience requirements designated for each clinical level.

PHYSICAL EDUCATION MAJOR

Five options are available in this major:

I. Physical Education Comprehensive Option - Bachelor of Science Degree
II. Physical Education K-6 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
III. Physical Education 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
IV. Health Education 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

V. Health and Physical Education K-12 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

A minor in Physical Education is available for students pursuing majors in other disciplines.

Supplemental Endorsements are offered in Adapted Physical Education, Interscholastic Coaching (7-12), and Strength Training (7-12). Students who complete two Teaching Subject Endorsements or one Teaching Field Endorsement may complete one or more Supplemental Endorsements.

EXERCISE SCIENCE MAJOR
Two options are available in this major:
I. Exercise Science Option - Bachelor of Science Degree
II. Exercise Science Fitness and Wellness Comprehensive Option - Bachelor of Science Degree

ATHLETIC TRAINING COMPREHENSIVE MAJOR
One option is available in this major:
• Athletic Training Comprehensive Option - Bachelor of Science Degree

RECREATION AND PARK MANAGEMENT MAJOR
Two options are available in this major:
I. Recreation Management Option - Bachelor of Science Degree
II. Recreation, Park and Tourism Management Comprehensive Option - Bachelor of Science Degree

A minor in Recreation and Park Management or Travel and Tourism is available for students pursuing majors in other disciplines.

SPORTS ADMINISTRATION MAJOR
Two options are available in this major:
I. Sports Administration Major Option - Bachelor of Science Degree
II. Sports Administration Comprehensive Option - Bachelor of Science Degree

A minor in Sports Administration or Sports Communication is available for students pursuing majors in other disciplines.

Courses with the prefixes PE and REC are offered by the department. See pages 235 (PE) and 246 (REC).

Offered by Department of Health, P.E., Recreation & Leisure Studies
Physical Education Major

Physical Education Comprehensive Option

Bachelor of Science (ED BS 2513)

Minimum General Studies .......................................................... 45
English Language minimum....................................................... 9
Humanities minimum............................................................... 9
Mathematics, Statistics & Computer Science minimum............. 3
Natural Sciences minimum ...................................................... 7
Social and Behavioral Sciences minimum ............................. 9
Personal Development minimum ............................................ 2

BS Science-related course requirements ................................. 0
Major Option ........................................................................... 56
Minimum total hours required coursework ............................... 101
Unrestricted electives in 125 hour program ............................... 24
Minimum total hours required for BS ...........................................

in Physical Education Comprehensive .................................... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Contact the Department Chair for specific course requirements to complete this non-teaching degree.

Bachelor of Arts in Education (ED BAE 2505)

Minimum General Studies ...................................................... 45
including General Studies coursework required by Teacher Education

English Language minimum ..................................................... 9 including:
ENG 101GS, Expository Writing I ............................................. 3 hours
ENG 102GS, Expository Writing II .......................................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication ......... 3 hours

Humanities minimum ................................................................ 12 including:
Take 1 course from:
HIST 210GS, Western Civilization ....................................... 3 hours
HIST 211GS, Western Civilization .......................................... 3 hours
HIST 212GS, Non-Western World History ............................ 3 hours
HIST 215GS, Introduction to Latin America ....................... 3 hours
Take 1 course from:
HIST 250GS, American History .......................................... 3 hours
HIST 251GS, American History ............................................ 3 hours

Mathematics, Statistics & Computer Science minimum ......... 3
Natural Sciences minimum ...................................................... 7

Social and Behavioral Sciences minimum ........................... 9 including:
PSCI 110GS, Introduction to American Politics .......................... 3 hours
Take any Economic Perspective GS course ......................... 3 hours
Take any GS course from:
Social Perspective, Geographical Perspective or Behavioral Perspective.................................................. 3 hours

Personal Development minimum .......................................... 3 including:
PE 160GS, Healthful Living .................................................. 3 hours

Professional Sequence .............................................................. 28 including:
TE 318, Management and Assessment in Preschool/Elementary Classrooms ........................................... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement ........................................................................ 33

Second Subject Endorsement, normally .................................. 30
Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework .............................. 136
Unrestricted electives in 125 hour program ............................. 0

Minimum total hours required for BAE
in Physical Education K-6 Teaching Subject Endorsement ....... 136

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Physical Education K-6 Subject Endorsement Requirements (33 hours required)

Take 1 hour from:
PE 110GS, Basic Sports ..................................................... 0.5 hour
(swimming and tumbling)

Take all of the following:
PE 100, Principles of Physical Education .............................. 2 hours
PE 240*, Non-Rhythmic Activities for Elementary Schools .... 2 hours
PE 241*, Rhythmic Activities for Elementary Schools ......... 2 hours
*Elementary Education majors may substitute PE 340 and PE 361 for PE 240 and PE 241.

PE 260GS, First Aid, Responding to Emergencies ............... 2 hours
PE 310, Introduction to Human Physiology of Exercise ....... 3 hours
PE 309, Motor Learning and Development ......................... 3 hours
Physical Education 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education  ED BAE 2506

Minimum General Studies ........................................... 45
  + General Studies coursework required by Teacher Education and endorsement ............... 47
  English Language minimum ........................................ 9 including:
    ENG 101GS, Expository Writing I ................................ 3 hours
    ENG 102GS, Expository Writing II ................................ 3 hours
    SPCH 100GS, Fundamentals of Speech Communication ... 3 hours

  Humanities minimum ................................................... 9 including:
  Take 1 course from:
    HIST 210GS, Western Civilization ................................ 3 hours
    HIST 211GS, Western Civilization ................................ 3 hours
    HIST 212GS, Non-Western World History ......................... 3 hours
    HIST 215GS, Introduction to Latin America ..................... 3 hours

  Take 1 course from:
    HIST 250GS, American History .................................. 3 hours
    HIST 251GS, American History .................................. 3 hours

  Mathematics, Statistics & Computer Science minimum ........... 3
  Natural Sciences minimum ........................................... 7
  Social and Behavioral Sciences minimum ......................... 9 including:
    PSCI 110GS, Introduction to American Politics .............. 3 hours

  Take any Economic Perspective GS course .......................... 3 hours

  Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .......................... 3 hours

Personal Development minimum ....................................... 5 including:
  (Maximum of 3 hours in this section will count toward the 45 hours General Studies requirement.)
  PE 160GS, Healthful Living ........................................ 3 hours
  PE 260GS, First Aid, Responding to Emergencies ............... 2 hours

Professional Sequence .................................................. 28 including:
  TE 319, Management and Assessment
    in K-12/Secondary Classrooms ................................... 2 hours
    Students must apply for admission to all Teacher Education programs.

Endorsement........................................................................ 30
Second Subject Endorsement, normally ................................ 30
  Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework .............................. 135

Minimum total hours required for BAE
  in Physical Education 7-12 Teaching Subject Endorsement ... 135
  All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Physical Education 7-12 Subject Endorsement Requirements
(30 hours required)

Take 2 hours from:
  PE 110GS, Basic Sports ........................................... 0.5 hour
    (tumbling, swimming, track, and one dance class ~ ballroom dance, country dance or square dance)

Take all of the following:
  PE 100, Principles of Physical Education ......................... 2 hours
  PE 121, Sports Skills for Physical Education ..................... 2 hours
  PE 220, Teaching Aerobic and Anaerobic Activities ............ 1 hour
  PE 221, Teaching Sport and Leisure Activities .................. 2 hours
  PE 310, Introduction to Human Physiology of Exercise ......... 3 hours
  PE 325, Motor Learning and Development ......................... 3 hours
  PE 350, Human Anatomy and Kinesiology ...................... 4 hours
  PE 369, Remedial and Adaptive Physical Education ............ 3 hours
  PE 420, Methods in Health and Physical Education ............. 3 hours
  PE 450, Curriculum and Assessment
    for Physical Education ........................................... 3 hours
  PE 471, Field Experience in Health & Physical Education .... 2 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Physical Education Major

Health Education 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education  ED BAE 2503

Minimum General Studies ........................................... 45
  including General Studies coursework required by Teacher Education
  English Language minimum ........................................ 9 including:
    ENG 101GS, Expository Writing I ................................ 3 hours
    ENG 102GS, Expository Writing II ................................ 3 hours
    SPCH 100GS, Fundamentals of Speech Communication ... 3 hours

  Humanities minimum ................................................. 12 including:
  Take 1 course from:
    HIST 210GS, Western Civilization ................................ 3 hours
    HIST 211GS, Western Civilization ................................ 3 hours
    HIST 212GS, Non-Western World History ......................... 3 hours
    HIST 215GS, Introduction to Latin America ..................... 3 hours

  Take any Economic Perspective GS course .......................... 3 hours

  Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .......................... 3 hours

  Personal Development minimum ................................... 3 including:
  (Maximum of 3 hours in this section will count toward the 45 hours General Studies requirement.)
  PE 160GS, Healthful Living ........................................ 3 hours

  Social and Behavioral Sciences minimum ......................... 3 including:
    PSCI 110GS, Introduction to American Politics .............. 3 hours

  Take any Economic Perspective GS course .......................... 3 hours

  Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .......................... 3 hours

  Natural Sciences minimum ......................................... 7 including:
    GEOG 103GS, The Dynamic Planet:
      Hazards in the Environment ..................................... 3 hours

  Social and Behavioral Sciences minimum ......................... 9 including:
    PSCI 110GS, Introduction to American Politics .............. 3 hours

  Take any Economic Perspective GS course .......................... 3 hours

  Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .......................... 3 hours

  Personal Development minimum ................................... 3 including:
  (Maximum of 3 hours in this section will count toward the 45 hours General Studies requirement.)
  PE 160GS, Healthful Living ........................................ 3 hours

Professional Sequence .................................................. 28 including:
  TE 319, Management and Assessment
    in K-12/Secondary Classrooms ................................... 2 hours
    Students must apply for admission to all Teacher Education programs.

Endorsement....................................................................... 28
Second Subject Endorsement, normally ................................ 30
  Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework ............................ 131

Unrestricted electives in 125 hour program ............................ 0
Minimum total hours required for BAE in Health Education 7-12 Teaching Subject Endorsement......131
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Health Ed 7-12 Subject Endorsement Requirements
(28 hours required)
Take all of the following:
PE 100, Principles of Physical Education......................................................2 hours
PE 260GS, First Aid, Responding to Emergencies........................................2 hours
PE 310, Introduction to Human Physiology of Exercise.............................3 hours
PE 360, Human Anatomy and Kinesiology................................................4 hours
PE 420, Methods in Health and Physical Education....................................3 hours
PE 464, Secondary School Health.................................................................3 hours
PE 471, Field Experience in Health & Physical Education..........................2 hours
FSID 110GS, Introduction to Nutrition...........................................................3 hours
FSID 151GS, Human Sexual Behavior............................................................3 hours
FSID 340, Family Life Education....................................................................3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Education K-12 Teaching Field Endorsement Option

Bachelor of Arts in Education ED BAE 2504
Minimum General Studies ............................................................................45
+ General Studies coursework required by Teacher Education and endorsement........47
English Language minimum.................................................................9 including:
ENG 101GS, Expository Writing I.................................................................3 hours
ENG 102GS, Expository Writing II...............................................................3 hours
SPECH 100GS, Fundamentals of Speech Communication..........................3 hours
Humanities minimum.................................................................................12 including:
Take 1 course from:
HIST 210GS, Western Civilization..............................................................3 hours
HIST 211GS, Western Civilization...............................................................3 hours
HIST 212GS, Non-Western World History..................................................3 hours
HIST 215GS, Introduction to Latin America................................................3 hours
Take 1 course from:
HIST 250GS, American History.................................................................3 hours
HIST 251GS, American History.................................................................3 hours
Mathematics, Statistics & Computer Science minimum.............................3
Natural Sciences minimum..........................................................................7
Social and Behavioral Sciences minimum.................................................9 including:
PSCI 110GS, Introduction to American Politics...........................................3 hours
Take any Economic Perspective GS course.................................................3 hours
Take any GS course from:
Social Perspective, Geographical Perspective or Behavioral Perspective.....................................................3 hours
Personal Development minimum...............................................................5 including:
(Maximum of 3 hours in this section will count toward the 45 hours General Studies requirement.)
PE 160GS, Healthful Living........................................................................3 hours
PE 260GS, First Aid, Responding to Emergencies......................................2 hours
Professional Sequence.............................................................................28 including:
TE 319, Management and Assessment in K-12/Secondary Classrooms...........2 hours
Students must apply for admission to all Teacher Education programs.
Endorsement.........................................................................................56
Minimum total hours required coursework.............................................131
Unrestricted electives in 125 hour program..............................................0
Minimum total hours required for BAE in Health and Physical
Education K-12 Teaching Field Endorsement.........................................131

Health and Physical Education Teaching Field Endorsement
Requirements (56 hours required)
Take 2 hours from:
PE 110GS, Basic Sports............................................................................0.5 hour
(tumbling, swimming, track and one dance -- ballroom dance, country dance or square dance)
Take all of the following:
PE 100, Principles of Physical Education.................................................2 hours
PE 121, Sports Skills for Physical Education............................................2 hours
PE 220, Teaching Aerobic and Anaerobic Activities.............................1 hour
PE 221, Teaching Sport and Leisure Activities.....................................2 hours
PE 240, Non-Rhythmic Activities for Elementary Schools.....................2 hours
PE 241, Rhythmic Activities for Elementary Schools..............................2 hours
PE 310, Introduction to Human Physiology of Exercise........................3 hours
PE 325, Motor Learning and Development.............................................3 hours
PE 360, Human Anatomy and Kinesiology............................................4 hours
PE 369, Remedial and Adaptive Physical Education..............................3 hours
PE 420, Methods in Health and Physical Education...............................3 hours
PE 441, Elementary School Physical Education....................................3 hours
PE 450, Curriculum and Assessment for Physical Education.....................3 hours
PE 463, Health Safety Elementary School.............................................3 hours
PE 464, Secondary School Health............................................................3 hours
PE 471, Field Experience in Health & Physical Education......................2 hours
BIOL 215GS, Human Physiology.........................................................4 hours
CSP 417, Counseling Skills for Professionals...........................................3 hours
FSID 110GS, Introduction to Nutrition....................................................3 hours
FSID 340, Family Life Education..............................................................3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Physical Education Minor
MN 1014
Minimum hours required for minor.........................................................24
See the Department Chair for specific course requirements for this minor.

Offered by Department of Health, P.E., Recreation & Leisure Studies
Supplemental Endorsement
in Adapted Physical Education

AD 2001
Students must complete two Teaching Subject Endorsements or one Field Endorsement in addition to this Supplemental Endorsement.

Minimum hours required for endorsement............................................27
Requirements
Take 1 hour from:
PE 109GS, Activity Class..........................................................................1 hour
(Adapted Aquatics)
Take 2 hours from:
PE 110GS, Basic Sports...........................................................................0.5 hour
(one team sport, one dual or individual sport, one racquet sport, and one dance class)
A. Supplemental Endorsement-Strength Training Requirements

Minimum hours required for endorsement 21

Take 1 hour from:
- PE 110GS, Basic Sports ................................................. 0.5 hour

Take 2 courses from:
- PE 264, Sports Injury ................................................... 2 hours
- PE 310, Introduction to Human Physiology of Exercise .......... 3 hours
- PE 360, Human Anatomy and Kinesiology .................... 4 hours
- PE 401, Psychology of Sport ........................................... 3 hours
- PE 421, Administration of High School Athletics .............. 2 hours
- PE 422, Administration of Strength Programs ................ 2 hours

B. Electives

Take 2 courses from:
- PE 330, Volleyball Theory ........................................... 2 hours
- PE 331, Football Theory .................................................. 3 hours
- PE 333, Basketball Theory ............................................. 3 hours
- PE 334, Track Theory ...................................................... 3 hours
- PE 337, Baseball/Softball Theory .................................. 3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies

Supplemental Endorsement in Interscholastic Coaching (7-12)

AD 2009

Students must complete two Teaching Subject Endorsements or one Field Endorsement in addition to this Supplemental Endorsement.

Minimum hours required for endorsement 23

A. Supplemental Endorsement-Strength Training Requirements (21 hours required)

Take 1 hour from:
- PE 110GS, Basic Sports ................................................. 0.5 hour

Take 2 courses from:
- PE 229, Wellness Interventions .................................... 3 hours
- PE 310, Introduction to Human Physiology of Exercise ........ 3 hours
- PE 360, Human Anatomy and Kinesiology .................... 4 hours
- PE 401, Psychology of Sport ........................................... 3 hours
- PE 422, Administration of Strength Programs ................ 2 hours
- FSID 110GS, Introduction to Nutrition ......................... 3 hours
- REC 300, Volunteer Practicum ...................................... 2 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies

Supplemental Endorsement in Strength Training (7-12)

AD 2011

Students must complete two Teaching Subject Endorsements or one Field Endorsement in addition to this Supplemental Endorsement.

Minimum hours required for endorsement 23

A. Supplemental Endorsement-Strength Training Requirements (21 hours required)

Take 1 hour from:
- PE 110GS, Basic Sports ................................................. 0.5 hour

Take 2 courses from:
- PE 229, Wellness Interventions .................................... 3 hours
- PE 310, Introduction to Human Physiology of Exercise ........ 3 hours
- PE 360, Human Anatomy and Kinesiology .................... 4 hours
- PE 401, Psychology of Sport ........................................... 3 hours
- PE 422, Administration of Strength Programs ................ 2 hours
- FSID 110GS, Introduction to Nutrition ......................... 3 hours
- REC 300, Volunteer Practicum ...................................... 2 hours

B. Supplemental Endorsement-Strength Training Electives (2 hours required)

Take 2-3 hours from:
- PE 330, Volleyball Theory ........................................... 2 hours
- PE 331, Football Theory ................................................. 3 hours
- PE 333, Basketball Theory ............................................. 3 hours
- PE 334, Track Theory ...................................................... 3 hours
- PE 337, Baseball/Softball Theory .................................. 3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies

Exercise Science Option

Bachelor of Science ED BS 2611

Minimum General Studies ................................................ 45
+ General Studies coursework required by major .................. 48

English Language minimum ........................................... 9

Mathematics, Statistics & Computer Science minimum: STAT 241, Elementary Statistics .................. 3 hours

Humanities minimum ...................................................... 9

Natural Sciences minimum: PHYS 205GS, General Physics ........................................... 5 hours

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Minimum total hours required coursework 107

Unrestricted electives in 125 hour program .................... 18

Minimum total hours required for BS in Exercise Science .... 125

Exercise Science Requirements (35 hours required)

Take all of the following:
- PE 229, Wellness Interventions .................................... 3 hours
- PE 310, Introduction to Human Physiology of Exercise ........ 3 hours
- PE 360, Human Anatomy and Kinesiology .................... 4 hours
- PE 422, Administration of Strength Programs ................ 2 hours
- PE 461, Physiology of Exercise .................................... 4 hours
- PE 467, Fitness Testing .................................................. 3 hours
- PE 468, Public Health Aspects of Physical Activity .......... 3 hours
- PE 469, Nutrition for Health and Sport ......................... 3 hours
- PE 475, Research Methods in Exercise Science .............. 3 hours
- CSP 417, Counseling Skills for Helping Professionals ...... 3 hours
- REC 477, Internship ....................................................... 4 hours
Exercise Science Fitness and Wellness

Bachelor of Science  
ED BS 2613

Minimum General Studies ..................................................45
+ General Studies coursework required by major ..........................48
English Language minimum ..................................................9
Humanities minimum ............................................................9
Mathematics, Statistics & Computer Science minimum ..........................3 including:
  STAT 241, Elementary Statistics ...........................................3 hours
Natural Sciences minimum ..........................................................9 including:
  PHYS 205GS, General Physics ...................................................5 hours
  (Prereq: MATH 103 or permission of instructor)
Take ONE of the following options:
  Take 1 course:
    CHEM 145GS, Introductory Chemistry ....................................4 hours
  OR take 2 courses:
    CHEM 160GS, General Chemistry ..........................................3 hours
    (Prereq: MATH 102 or Math ACT score of 20 or better
     or permission of instructor)
    CHEM 160LGS, General Chemistry Laboratory ..........................1 hour
Social and Behavioral Sciences minimum .....................................9 including:
  PSY 203GS, General Psychology .............................................3 hours
  SOC 100GS, Introduction to Sociology .......................................3 hours
Personal Development minimum .................................................6 including:
  (Maximum of 3 hours in this section will count toward the 45
   hours General Studies requirement.)
Take 2 courses:
  PE 160GS, Healthful Living ................................................3 hours
  FSID 110GS, Introduction to Nutrition .....................................3 hours
BS Science-related course requirements .....................................0

Major Option ...........................................................................61-62
This minimum range depends on the selection of GS courses in the areas of specializations.
Minimum total hours required coursework ................................. 109-110
Unrestricted electives in 125 hour program ..................................15-16
Minimum total hours required for BS ........................................125
  All UNK degrees require a minimum of 125 hours. Forty (40) of the
  hours required for all UNK degrees must be upper division hours, which
  are courses numbered 300 or above taken at a 4-year college or university.

Exercise Science Comprehensive Requirements

(61-62 hours required)
Take all of the following:
  PE 211, Advanced Sports ....................................................1 hour
    (Life Guarding)
  PE 220, Teaching Aerobic and Anaerobic Activities ..................2 hours
  PE 229, Wellness Interventions .............................................3 hours
  PE 310, Introduction to Human Physiology of Exercise ................3 hours
  PE 328, Water Safety Instructor .........................................3 hours
  PE 360, Human Anatomy and Kinesiology ..............................4 hours
  PE 422, Administration of Strength Programs .........................2 hours
  PE 461, Physiology of Exercise ..............................................4 hours
  PE 467, Fitness Testing .......................................................3 hours
  PE 468, Public Health Aspects of Physical Activity ..................3 hours
  PE 469, Nutrition for Health and Sport ..................................3 hours
  BMKT 300, Principles of Marketing ......................................3 hours
  REC 300, Volunteer Practicum .............................................2 hours
  REC 354, Programming in Sport, Recreation and Tourism ..........3 hours
  REC 422, Facilities in Recreation, Tourism and Sport ...............3 hours
  REC 477, Internship .........................................................8 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Exercise Science Major

Athletic Training Comprehensive Option

Bachelor of Science  
ED BS 2614

Minimum General Studies ..................................................45
+ General Studies coursework required by major ..........................48
English Language minimum ..................................................9
Humanities minimum ............................................................9
Mathematics, Statistics & Computer Science minimum ..........................3 including:
  STAT 241, Elementary Statistics ...........................................3 hours
Natural Sciences minimum ..........................................................9 including:
  CHEM 145GS, Introductory Chemistry ....................................3 hours
  CHEM 160GS, General Chemistry ..........................................3 hours
  (Prereq: MATH 102 or Math ACT score of 20 or better
   or permission of instructor)
Take 1 course from:
  PE 430, Organization and Administration in Recreation, Sport and Tourism ..........................................................3 hours
  BMGT 301, Principles of Management ...................................3 hours
Take 1 course from:
  SPCH 240, Public Speaking for Professions and Business ..........3 hours
  SPCH 299, Organizational Communication ............................3 hours
Take ONE of the following options:
  Take 2 courses:
    PE 262, Community Cardiopulmonary Resuscitation ................1 hour
    PE 264, Foundation of Athletic Training ................................2 hours
  OR take 1 course:
    PE 265, Advanced First Aid & Critical Care ..........................2 hours

Minimum total hours required coursework .................................128
Minimum total hours required for BS ........................................128
  All UNK degrees require a minimum of 125 hours. Forty (40) of the
  hours required for all UNK degrees must be upper division hours, which
  are courses numbered 300 or above taken at a 4-year college or university.
Athletic Training Comprehensive Requirements (80 hours required)
Take all of the following:
PE 174A, Clinical Level One A..................................................1 hour
PE 174B, Clinical Level One B..................................................1 hour
PE 174C, Clinical Level Two A..................................................1 hour
PE 174D, Clinical Level Two B..................................................1 hour
PE 174E, Clinical Level Three A..................................................1 hour
PE 174F, Clinical Level Three B..................................................1 hour
(Note: Upon acceptance into the program, this course should be taken every semester for 6 semesters)
PE 260, Athletic Injury Assessment I: LE........................................3 hours
PE 261, Athletic Injury Assessment II: UE........................................3 hours
PE 264, Foundation of Athletic Training........................................4 hours
PE 264L, Foundation of Athletic Training Lab - 0 hours ..............................2 hours
PE 310, Introduction to Human Physiology of Exercise............................3 hours
PE 350, Therapeutic Modalities in Athletic Training.....................................4 hours
PE 350L, Modalities in Athletic Training Lab - 0 hours................................2 hours
PE 360, Human Anatomy and Kinesiology........................................4 hours
PE 375, Rehabilitation Techniques in Athletic Training..............................4 hours
PE 375L, Rehabilitation Techniques in Athletic Training Lab.........................0 hours
PE 401, Psychology of Sport........................................................3 hours
PE 422, Administration of Strength Programs.........................................2 hours
PE 425, Legal Aspects of Sport and Recreation........................................3 hours
PE 430, Organization and Administration.............................................3 hours
PE 460, Gross Anatomy of Movement................................................3 hours
PE 461, Physiology of Exercise.....................................................4 hours
PE 467, Fitness Testing...............................................................3 hours
PE 468, Public Health Aspects of Physical Activity...................................3 hours
PE 489, Nutrition for Health and Sport..............................................3 hours
PE 470, General Medical Conditions and Pharmacological Application in Sport and Exercise ......................................................2 hours
PE 475, Research Methods in Exercise Science........................................3 hours
PE 498, Special Topics in Athletic Training...........................................2 hours
PE 499, Senior Seminar in Athletic Training...........................................1 hour
REC 477, Internship...............................................................8 hours
two separate 4-hour assignments (H.S. & Clinic) ...........................................2 hours
BIOL 325, Medical Terminology...................................................1 hour
CSP 417, Counseling Skills.......................................................3 hours

Minimum General Studies ..........................................................45
including General Studies coursework required by major
English Language minimum............................................................9
Humanities minimum....................................................................9

Mathematics, Statistics & Computer Science minimum: MATH 102*, College Algebra.........................3 hours
*Students with sufficient mathematics preparation may enter the mathematics program at a higher level.
Natural Sciences minimum............................................................7
Social and Behavioral Sciences minimum.........................................9
Personal Development minimum....................................................3 including:
PE 160GS, Healthful Living.........................................................3 hours

Minor or 2nd Major, minimum....................................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework........................................105
Unrestricted electives in 125 hour program......................................20

Minimum total hours required for BS in Recreation Management..........................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Recreation Management Requirements (36 hours required)
Take all of the following:
REC 150, Foundations of Recreation, Park and Leisure................................3 hours
REC 215, Camp Leadership, Outdoor Recreation, and Environmental Education..........................................................3 hours
REC 251, Computer Applications in Health, Physical Education, Recreation & Leisure Studies.......................................................3 hours
REC 354, Programming in Sport, Recreation and Tourism........................3 hours
REC 375, Leadership in Recreation, Sport and Tourism............................3 hours
REC 422, Facilities in Recreation, Tourism and Sport...............................3 hours
REC 453, Therapeutic Recreation for Special Populations........................3 hours
REC 477, Internship..................................................................12 hours
PE 430, Organization and Administration.............................................3 hours

Bachelor of Science
ED BS 2612
Minimum General Studies ..........................................................45
See area of specialization for General Studies requirements.
English Language minimum............................................................9
Humanities minimum....................................................................9
Mathematics, Statistics & Computer Science minimum..........................3
Natural Sciences minimum............................................................7
Social and Behavioral Sciences minimum.........................................9
Personal Development minimum....................................................3 including:
PE 160GS, Healthful Living.........................................................3 hours

Minor or 2nd Major, minimum....................................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework........................................105
Unrestricted electives in 125 hour program......................................20

Minimum total hours required for BS in Recreation Management......................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Recreation, Park and Tourism Management Core Requirements (32 hours required)
Take all of the following:
REC 251, Computer Applications in Health, Physical Education, Recreation & Leisure Studies........................3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Recreation and Park Management Major

Recreation Management, Natural Resources Park Management, and Travel/Tourism

Minimum total hours required coursework........................................105
Unrestricted electives in 125 hour program......................................20

Minimum total hours required for BS in Recreation Management......................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Recreation, Park and Tourism Management Core Requirements (32 hours required)
Take all of the following:
REC 251, Computer Applications in Health, Physical Education, Recreation & Leisure Studies........................3 hours
Offered by Department of Health, P.E., Recreation & Leisure Studies

Recreation and Park Management Minor

MN 1083
Minimum hours required for minor.................................24
Requirements
Take all of the following:
- REC 150, Foundations of Recreation, Park and Leisure 3 hours
- REC 215, Leadership, Outdoor Recreation, and Environmental Education 3 hours
- REC 354, Programming in Sport, Recreation and Tourism 3 hours
- REC 375, Leadership in Recreation, Sport and Tourism 3 hours
- REC 422, Facilities in Recreation, Tourism and Sport 3 hours
- REC 453, Therapeutic Recreation for Special Populations 3 hours
- REC 485, Research in Tourism, Recreation and Sport 3 hours
- PE 430, Organization and Administration in Recreation, Sport and Tourism 3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies

Travel and Tourism Minor

MN 1080
Minimum hours required for minor.................................26
Requirements
Take all of the following:
- REC 155, Foundations of Tourism 3 hours
- REC 300, Volunteer Practicum 2 hours
- REC 355, Travel Behavior 3 hours
- REC 356, Selected Topics in Travel and Tourism 3 hours
- REC 455, Tourism Planning and Development 3 hours
- REC 485, Research in Tourism, Recreation and Sport 3 hours
- BMKT 336, Tourism Marketing 3 hours
- ECON 380, Tourism Economics 3 hours
- GEOG 350, International Tourism 3 hours

General Studies required by minor:
- These general studies courses may add to the total number of hours required in the general studies program if additional specific general studies courses are required by the student's major.
- ECON 271GS, Principles of Economics, Microeconomics 3 hours
- GEOG 104GS, World Regional Geography 3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies

Sports Administration Option

Bachelor of Science ..................................................45

Minimum General Studies .........................................45
including General Studies coursework required by major
- English Language minimum ........................................9
- Humanities minimum ................................................9
- Mathematics, Statistics & Computer Science minimum... 3 including:
  - MATH 102*, College Algebra ..................................3 hours
*Students with sufficient mathematics preparation may enter the mathematics program at a higher level.
- Natural Sciences minimum ........................................7
- Social and Behavioral Sciences minimum .......................9
- Personal Development minimum ..............................3 including:
  - PE 160GS, Healthful Living ..................................3 hours
- BS Science-related course requirements ........................0

Major Option .........................................................35
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework..........................104
Unrestricted electives in 125 hour program..............................21
Minimum total hours required for BS in Sports Administration......125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Sports Administration Core Requirements (23 hours required)
Take all of the following:
- REC 300, Volunteer Practicum...........................................2 hours
- REC 422, Facilities in Recreation, Tourism and Sport.................3 hours
- REC 477, Internship..........................................................12 hours
- PE 429, Marketing in Sport, Recreation and Tourism................3 hours
- PE 430, Organization and Administration
  in Recreation, Sport and Tourism........................................3 hours

B. Sports Administration Requirements (12 hours required)
Take all of the following:
- PE 401, Psychology of Sport.............................................3 hours
- PE 402, Sociology of Sport................................................3 hours
- PE 403, Sport Economics..................................................3 hours
- PE 425, Legal Aspects of Sport and Recreation........................3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Sports Administration Major

Bachelor of Science......................................................ED BS 2514

Minimum General Studies..................................................45
  including General Studies coursework required by major
  English Language minimum..............................................9
  Humanities minimum....................................................9
  Mathematics, Statistics & Computer Science minimum... 3 including:
    MATH 102*, College Algebra.........................................3 hours
    OR
    MATH 115*, Calculus I with Analytic Geometry............... 5 hours
    *Students with sufficient mathematics preparation may enter the mathematics program at a higher level.

  Natural Sciences minimum.............................................7
  Social and Behavioral Sciences minimum...........12 including:
    ECON 270GS, Principles of Economics, Macroeconomics...3 hours
    ECON 271GS, Principles of Economics, Microeconomics...3 hours
  Personal Development minimum......................................3 including:
    PE 160GS, Healthful Living..........................................3 hours

BS Science-related course requirements.................................0

Major Option........................................................................62

Minimum total hours required coursework..........................107
Unrestricted electives in 125 hour program..............................18

Minimum total hours required for BS in Sports Administration Comprehensive........................................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Sports Administration Comprehensive Core Requirements
(29 hours required)
Take all of the following:
- REC 300, Volunteer Practicum...........................................2 hours
- REC 354, Programming in Sport, Recreation and Tourism........3 hours

RECs 375, Leadership in Recreation, Sport and Tourism............3 hours
RECs 422, Facilities in Recreation, Tourism and Sport.............3 hours
RECs 477, Internship.........................................................12 hours
PE 429, Marketing in Sport, Recreation and Tourism..............3 hours
PE 430, Organization and Administration
  in Recreation, Sport and Tourism........................................3 hours

B. Sports Administration Comprehensive Requirements
(33 hours required)
Take all of the following:
- PE 401, Psychology of Sport.............................................3 hours
- PE 402, Sociology of Sport................................................3 hours
- PE 403, Sport Economics..................................................3 hours
- PE 425, Legal Aspects of Sport and Recreation......................3 hours
- BACC 250, Principles of Accounting I................................3 hours
  (Prereq: MATH 102 or equivalent; sophomore standing)
- BACC 251, Principles of Accounting II.................................3 hours
- BACC 311, Business Law..................................................3 hours
- BFIN 308, Principles of Finance..........................................3 hours
- BMKT 300, Principles of Marketing......................................3 hours
- JMC 309, Public Relations................................................3 hours

Take 1 course from:
- BMKT 440, Advertising Management.................................3 hours
- JMC 307, Advertising Copywriting.....................................3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies
Sports Administration Minor

MN 1019
Minimum hours required for minor........................................25
Requirements
Take all of the following:
- REC 300, Volunteer Practicum.............................................4 hours
- PE 401, Psychology of Sport................................................3 hours
- PE 402, Sociology of Sport..................................................3 hours
- PE 403, Sport Economics..................................................3 hours
- PE 425, Legal Aspects of Sport and Recreation......................3 hours
- PE 429, Marketing in Sport, Recreation and Tourism..............3 hours
- PE 430, Organization and Administration
  in Recreation, Sport and Tourism........................................3 hours

Take 1 course from:
- SPCH 240, Public Speaking for Professions and Business........3 hours
  (Prereq: SPCH 100GS)
- SPCH 299, Organizational Communication..........................3 hours

Offered by Department of Communication and HPERLS
Sports Communication Minor

MN 1016
Minimum hours required for minor........................................24
Requirements
Take all of the following:
- JMC 100GS, Global Media Literacy....................................3 hours
- JMC 110, Topics..................................................................1 hour
- JMC 129, Integrated Marketing Communications................3 hours
- JMC 215, Newswriting.........................................................3 hours
- JMC 309, Public Relations..................................................3 hours
- JMC 310, Communications Law..........................................3 hours
- JMC 350, Antelope Newspaper Production- News Staff..........2 hours
- PE 230, Sports Officiating..................................................1 hour
- PE 429, Marketing in Sport, Recreation and Tourism..............3 hours

Take 2 hours from:
- JMC 336, Radio Workshop..................................................2 hours
- JMC 343, Television Workshop............................................2 hours
Health Science Programs

Peggy Abels, Director
Elizabeth Stout, Assistant Director

Faculty at associated professional schools and clinical specialty programs.

Program Objectives:
- To give guidance and counseling regarding requirements for UNK Health Science Degrees and for admission to health-related professional schools and clinical specialty programs.

Health Science Pre-Professional Programs
The University of Nebraska at Kearney offers pre-professional training in a variety of fields. Some of the career interests for which UNK offers undergraduate preparation are listed below. The Health Programs Office will assist in the planning of the student’s schedule in accordance with the requirements of the professional school selected by the student. The student should secure a copy of the catalog of the college or university to which he/she wishes to apply in order that effective selection of elective courses may be made while at UNK. Satisfactory completion of the recommended programs of study in pre-professional areas does not automatically guarantee a student admission to a professional program. Factors generally considered for admission by professional schools include: grade point average of at least a “B,” personal recommendations, scores on entrance or nationwide examinations, shadowing and volunteer experience, and a personal interview. Pre-Health Science Programs are available in:

- Pre-Cardiovascular Perfusion
- Pre-Chiropractic
- Pre-Dental
- Pre-Dental Hygiene
- Pre-Health Information Management
- Pre-Medical
- Pre-Mortuary Science
- Pre-Nuclear Medicine Technology
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Osteopathy
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Podiatry
- Pre-Radiologic Technology

Although many UNK students are admitted to these professional and clinical programs, competition for the limited number of openings is intense, and admission is not automatically assured by successful completion of the pre-clinical or pre-professional courses. Therefore, students should also plan to pursue an academic major and work towards a baccalaureate degree. For additional information, contact the Office of Health Science Programs, Bruner Hall of Science.

Masters Degree in Public Health
For UNK students who would like to pursue a Masters Degree in Public Health, the University of Nebraska at Omaha and the University of Nebraska Medical Center offer an MPH degree in one of two concentration areas: Community Health Education or Public Health Administration. Bachelor’s degree is required for entrance. For additional information contact the Health Programs Office.

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Health Science Comprehensive Major

Health Science Programs

HEALTH SCIENCE COMPREHENSIVE MAJOR
Three options are available in this major:

I. Medical Technology Comprehensive Option - Bachelor of Science Degree
II. Radiography Comprehensive Option - Bachelor of Science Degree
III. Respiratory Therapy Comprehensive Option - Bachelor of Science Degree

HEALTH SCIENCE MAJOR
One option is available in this major:

- Health Science - Bachelor of Science Degree

For further information on this degree option contact the office of Health Science Programs.

A minor in Health Science or Public Health is also available. Courses with the prefix HSCI are offered by Health Science Programs. See page 220.

Offered by Health Science Programs
Health Science Comprehensive Major

Medical Technology Comprehensive Option

Bachelor of Science
NSS BS 5603

Students may receive a Bachelor of Science degree in Medical Technology from the University of Nebraska at Kearney after satisfactory completion of a program consisting of 90 semester hours of pre-medical technology and a fourth year (12 month) clinical program at an affiliated school of medical technology. Admission to an affiliated school is very competitive and not guaranteed. The following degree requirements are consistent with the requirements of the University of Nebraska Medical Center, our primary affiliated school of medical technology. Students will need to check with other programs to which they want to apply to ensure requirements are fulfilled.

Minimum General Studies ............................................45
+ General Studies coursework required by major ...............46

English Language minimum .......................................9 including:
ENG 101GS, Expository Writing I ..............................3 hours
ENG 102GS, Expository Writing II ............................3 hours
SPCH 100GS, Fundamentals of Speech Communication ..3 hours
Mathematics, Statistics & Computer Science minimum ....6 including:
MATH 102*, College Algebra .....................................3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

STAT 241, Elementary Statistics ..................................3 hours

Natural Sciences minimum ........................................11 including:
CHEM 160GS, General Chemistry .............................3 hours
CHEM 160LGS, General Chemistry Laboratory .............1 hour
CHEM 161GS, General Chemistry .............................3 hours
CHEM 161LGS, General Chemistry Laboratory .............1 hour

Social and Behavioral Sciences minimum ..........................9

Personal Development minimum ...................................2

BS Science-related course requirements ...................... 8 including:
BIOL 400, Microbiology ............................................4 hours
BIOL 401, Principles of Immunology ...........................4 hours

Major Option .........................................................65-66

Minimum total hours required coursework ......................119-120
Unrestricted electives in 125 hour program .....................5-6

Minimum total hours required for BS in Medical Technology Comprehensive .............................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
A. Medical Technology Specialization (20-21 hours required)
Take all of the following:
- HSCI 225, Introduction to Hematology ......................... 2 hours
  (Prereq: 8 hours of BIOL or permission of instructor)
- BIOL 309, Cellular Biology ......................................... 4 hours
- BIOL 325, Medical Terminology ............................... 1 hour
- BIOL 360, Genetics ................................................... 4 hours

Take ONE of the following options:

Take 4 courses:
- CHEM 250, Elementary Organic Chemistry .............. 4 hours
- CHEM 250L, Elementary Organic Chemistry Laboratory ... 1 hour
- CHEM 351, Biochemistry ...................................... 3 hours
- CHEM 351L, Biochemistry Laboratory ....................... 1 hour

OR take 4 courses:
- CHEM 360, Organic Chemistry ................................ 4 hours
- CHEM 360L, Organic Chemistry Laboratory ................ 1 hour
- CHEM 361, Organic Chemistry ................................ 4 hours
- CHEM 361L, Organic Chemistry Laboratory ............... 1 hour

B. Medical Technology Supporting Courses (10 hours required)
Take 10 hours from:
- HSCI 125B, Orientation to Clinical Lab Sciences .......... 2 hours
- BIOL 103GS, General Biology .................................. 4 hours
- BIOL 215GS, Human Physiology ................................ 4 hours
- BIOL 440, Infectious Diseases .................................. 4 hours
- BIOL 450, Molecular Biology .................................... 3 hours
- BIOL 452, Techniques in Molecular Biology .............. 3 hours
- BIOL 465, Physiology .............................................. 3 hours
  (Prereq: BIOL 105GS or BIOL 106GS; CHEM 161GS;
  organic chemistry OR permission of instructor)
- BIOL 468, Parasitology ......................................... 3 hours
  (Prereq: BIOL 105GS, BIOL 106GS)
- CHEM 301, Analytical Chemistry ............................... 3 hours
  (and CHEM 301L, Analytical Chemistry Laboratory ...... 1 hour
  (Prereq: CHEM 480, CHEM 480L, CHEM 389)
- CHEM 351, Biochemistry ...................................... 3 hours
  (Prereq: CHEM 351L, Biochemistry Laboratory ............... 1 hour
  CHEM 469, Senior Seminar in Chemistry ................... 1 hour
  (Prereq: CHEM 480, CHEM 480L, CHEM 389)
- PHYS 205GS, General Physics .................................. 5 hours
  (Prereq: MATH 103 or permission of instructor)
- PHYS 206GS, General Physics .................................. 5 hours
  (Prereq: PHYS 205GS or permission
  Students should be aware of the prerequisites for upper level courses and plan their coursework accordingly.

C. Student’s fourth year will be their Clinical Year
(35 hours required)

Offered by Health Science Programs
Health Science Comprehensive Major

Radiography Comprehensive Option

Bachelor of Science  NSS BS 5604

Minimum General Studies ........................................... 45
+ General Studies coursework required by major ........ 56
English Language minimum ........................................ 9
Humanities minimum .................................................. 9
Mathematics, Statistics & Computer Science minimum... 6 including:
  MATH 102*, College Algebra .................................. 3 hours
*Students with sufficient preparation may enter the mathematics program at a higher level.

Natural Sciences minimum ....................................... 18 including:
Take ONE of the following options:
Take 2 courses:
- CHEM 145GS, Introductory Chemistry .................. 4 hours
- CHEM 150GS, Introduction to Organic and Biochemistry. 4 hours
OR take 4 courses:
- CHEM 160GS, General Chemistry ..................... 3 hours
- CHEM 160LGS, General Chemistry Laboratory ....... 1 hour
- CHEM 161GS, General Chemistry ..................... 3 hours
- CHEM 161LGS, General Chemistry Laboratory ....... 1 hour
Take all of the following:
- PHYS 205GS**, General Physics .................... 5 hours
  (Prereq: MATH 103 or permission of instructor)
- PHYS 206GS, General Physics .................... 5 hours
**Physics 205GS may be waived at the discretion of the Physics Department and the Health Programs Office for students with sufficient preparation.

Social and Behavioral Sciences minimum ................. 12 including:
- PSY 203GS, General Psychology ..................... 3 hours
- Personal Development minimum ................. 2

BS Science-related course requirements .................. 8 including:
Take 2 courses:
- BIOL 225, Anatomy and Physiology .................. 4 hours
- BIOL 226, Anatomy and Physiology .................. 4 hours

Major Option ........................................................... 75-77

Minimum total hours required coursework .............. 139-141

Unrestricted electives in 125 hour program .............. 0

Minimum total hours required for BS ................. 140

in Radiography Comprehensive 139-141
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Radiography Comprehensive Requirements (7 hours required)
Take all of the following:
- BIOL 325, Medical Terminology .......................... 1 hour
- STAT 241, Elementary Statistics ......................... 3 hours
Take 1 course from the following:
- BMIS 182GS, Software Productivity Tools ............. 3 hours
- CSIS 130GS, Introduction to Computer Science ....... 4 hours

B. Radiography Comprehensive Electives (8-10 hours required)
A minimum of 6 hours must be upper division (300-400 level).
See your advisor.
Take 8-10 hours from:
- BIOL 103GS, General Biology ......................... 4 hours
- BIOL 404, Developmental Biology ..................... 3 hours
- BIOL 461, Human Genetics ................................. 3 hours
- BMGT 301, Principles of Management ................. 3 hours
- BMGT 355, Organizational Behavior .................... 3 hours
- BMGT 380, Human Resource Management .......... 3 hours
- BMGT 450, Career Planning ............................... 3 hours
- BMGT 490, Internship ......................................... 3 hours
- BMGT 492, Businessrends & Ethics ................. 3 hours
- BMGT 495, Business Law ................................. 3 hours
- CSP 417, Counseling Skills ......................... 3 hours
- CSP 418, Introduction to Counseling ................. 3 hours
- FSID 110GS, Introduction to Nutrition ................. 3 hours
  (may apply to General Studies credit)
- PE 265, Advanced First Aid & Critical Care .......... 2 hours
- PE 360, Human Anatomy and Kinesiology .......... 4 hours
- PHIL 120GS, Introduction to Ethics .................. 3 hours
  (may apply to General Studies credit)
- PSY 230GS, Human Development ..................... 3 hours
  (may apply to General Studies credit)
- PSY 231, Abnormal Behavior and Society ............. 3 hours
- PSY 465, Psychopharmacology ......................... 3 hours
- SPCH 300, Interpersonal and Relational Communication .. 3 hours

C. Clinical Program (60 hours required)
The student must complete a two-year (24 months) clinical training program at an affiliated school of radiography or radiologic technology.
There are numerous clinical training programs both in-state and out-of-state to which students can apply. The University of Nebraska at Kearney is currently affiliated with several schools of radiography. Some of these include Mary Lanning Hospital in Hastings, Alegent Health in Omaha, Regional West Medical Center in Scottsbluff, Good Samaritan Hospital in Kearney and Sacred Heart Hospital in Yankton, S.D. Admission to the clinical portion of the program is competitive and is not automatically assured by successful completion of pre-radiography courses.

Register for the following every semester during clinical training:
HSCI 430, Special Topics in Health Sciences 1 hour (to total 4-6 hours)

Offered by Health Science Programs
Health Science Comprehensive Major

Respiratory Therapy Comprehensive Option

Bachelor of Science NSS BS 5607
Minimum General Studies ...........................................45
+ General Studies coursework required by major..............49
   English Language minimum ...................................... 9 including:
      ENG 101GS, Expository Writing I ...................3 hours
      ENG 102GS, Expository Writing II ...................3 hours
   Humanities minimum ...........................................9
   Mathematics, Statistics & Computer Science minimum ..3
       MATH 102*, College Algebra ....................3 hours
   *Students with sufficient preparation may enter the mathematics program at a higher level.
   Natural Sciences minimum ....................................13 including:
      CHEM 160GS, General Chemistry ..................3 hours
      CHEM 160LGS, General Chemistry Laboratory ....1 hour
      CHEM 161GS, General Chemistry ..................3 hours
      CHEM 161LGS, General Chemistry Laboratory ....1 hour
      PHYS 205GS, General Physics ....................5 hours
         (Prereq: MATH 103 or permission of instructor)
   Social and Behavioral Sciences minimum ..........12 including:
      PSY 203GS, General Psychology ..................3 hours
      PSY 230GS, Human Development ..................3 hours
   Personal Development minimum ..................3 including:
      CSIS 108GS, Computers in Society .............3 hours
   BS Science-related course requirements ................. 8 including:
      BIOL 225, Anatomy and Physiology ...............4 hours
      BIOL 226, Anatomy and Physiology ...............4 hours
   Major Option .....................................................62-64
Minimum total hours required coursework .................119-121
Unrestricted electives in 125 hour program .................4-6
Minimum total hours required for BS ..................125
   in Respiratory Therapy Technology .................
   All UNK degrees require a minimum of 125 hours. Forty (40) of the
   hours required for all UNK degrees must be upper division hours, which
   are courses numbered 300 or above taken at a 4-year college
   or university.

A. Respiratory Therapy Comprehensive Requirements
(15 hours required)
   Take all of the following:
      HSCI 125G, Orientation to Respiratory Therapy ..........1 hour
      BIOL 103GS, General Biology ....................4 hours
      BIOL 211GS, Human Microbiology .................4 hours
      BIOL 325, Medical Terminology ...................1 hour
      CSP 417, Counseling Skills ......................3 hours
      PE 265, Advanced First Aid & Critical Care .......2 hours

B. Respiratory Therapy Comprehensive Electives
(12 hours required)
   Students must take a total of 90 hours including General Studies, WI
   and CD requirements and BS Science-related course requirements
   and Respiratory Therapy Comprehensive Requirements and Electives;
   minimum elective hours = 12.

C. Clinical Year (35-37 hours required)
   Complete clinical year (35-37 hours required) at approved Hospital
   School of Respiratory Therapy. The clinical program is worth 37 credit
   hours. There are numerous clinical training programs, both in-state and
   out-of-state, to which students can apply. The University of Nebraska is
   currently affiliated with the clinical programs at Alegent Health in Omaha
   and Nebraska Methodist College in Omaha. Gaining acceptance to an
   affiliated school for the clinical portion is a competitive process and
   admission cannot be assured by successful completion of pre-respiratory
   therapy courses. Courses with asterisks (**) are recommended by
   Nebraska Methodist College.

Register for the following every semester during clinical training:
HSCI 430, Special Topics in Health Sciences ..........1 hour
   (to total 2-3 hours)

Offered by Health Science Programs
Health Science Major

Health Science

Bachelor of Science NSS BS 5606

Students accepted into a professional school in the health sciences
may receive a BS in Health Science degree from UNK if they fulfill
the following requirements.

a. a minimum of 90 semester hours completed toward one of the
   pre-professional health programs presently listed in the catalog.
   b. completion of all general studies, writing intensive, and cultural
      diversity requirements prescribed by UNK.
   c. successful completion of 35 hours of coursework in professional
      school in one of the following areas: medicine, physical therapy,
      chiropractic, osteopathy, optometry, podiatry, dentistry, physician
      assistant, occupational therapy or pharmacy and occasionally other
      areas in which the professional program is considered to be at least
      equivalent to a baccalaureate degree and can be considered upper
      division hours.
   d. not less than 32 semester hours shall be UNK credits.

For further information on this degree option contact the office of Health
Science Programs.
Minimum hours required for minor........................................24

A. Requirements (18 hours required):
Take all of the following:
HSCI 300, Seminar in Health Sciences.................................1 hour
BIOL 211GS, Human Microbiology........................................4 hours
BIOL 225, Anatomy and Physiology......................................4 hours
BIOL 226, Anatomy and Physiology......................................4 hours
BIOL 325, Medical Terminology...........................................1 hour
Take ONE of the following options:
Take 1 course:
CHEM 145GS, Introductory Chemistry..................................4 hours
OR take 2 courses:
CHEM 160GS, General Chemistry...........................................3 hours
(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
CHEM 160GS, General Chemistry Laboratory.........................1 hour

B. Electives (6 hours required):
Take 6 hours from:
HSCI 125A-P, Orientations........................................1-2 hours
HSCI 140, Introduction to Public Health...............................3 hours
HSCI 225, Introduction to Hematology..................................2 hours
(Prereq: 8 hours of BIOL or permission of instructor)
BIOL 311, Bioethics.......................................................3 hours
BIOL 404, Developmental Biology.......................................3 hours
(Prereq: 8 hours of college biology or permission of instructor)
BIOL 461, Human Genetics...............................................3 hours
(Prereq: 8 hours of college biology or permission of the instructor)
CSP 417, Counseling Skills...............................................3 hours
ECON 410, Health Care Economics....................................3 hours
FSID 110GS, Introduction to Nutrition.................................3 hours
PE 265, Advanced First Aid & Critical Care..........................2 hours
PE 460, Gross Anatomy of Movement..................................3 hours
PSY 192, Death and Dying...............................................1-3 hours
PSY 230GS, Human Development......................................3 hours
PSY 231, Abnormal Behavior and Society.............................3 hours
PSY 462, Adult Development and Aging..............................3 hours
(Prereq: PSY 203GS or PSY 230GS)
SOC 201, Social Inequality..............................................3 hours
SOC 420, Race and Minority Relations................................3 hours
(Prereq: SOC 100GS or SOC 250GS or permission)
SOC 462, Sociology of Health and Illness............................3 hours
(Prereq: SOC 100GS or SOC 250GS or permission)
SPAN 103, Spanish for Special Purposes:
Medical Professionals.....................................................3 hours
SPCH 300, Interpersonal and Relational Communication......3 hours

Academic policy states that there can be NO MORE THAN 6 HOURS OF DUPLICATION between your major and minor. This applies only to Major Options - not to Comprehensive Majors. Students with Comprehensive Majors can add minors without duplication concerns. Work with your academic advisor regarding this issue.

Minimum hours required for minor........................................24

A. Required Courses (minimum 9 hours required):
Take all of the following:
HSCI 140, Introduction to Public Health...............................3 hours
BIOL 110, Introduction to Epidemiology...............................3 hours
Take one statistics course:
BIOL 305, BioStatistics..................................................3 hours
(Prereq: MATH 102)
BMGT 233, Business Statistics..........................................3 hours
(Prereq: MATH 102 (if necessary) or MATH 120 or MATH 123)
PSY 250, Behavioral Statistics...........................................4 hours
(Prereq: PSY 203GS)
STAT 241, Elementary Statistics........................................3 hours

B. Electives (minimum 15 hours required):
The elective courses selected should be based on the need to provide a broader education for each student. Students interested in this degree MUST consult with a public health minor advisor to identify specific courses required to focus specific public health interests.

Take at least one course from each of the following groups for a minimum of 15 credit hours.

Group 1: Natural Science
BIOL 211GS, Human Microbiology....................................4 hours
BIOL 215GS, Human Physiology.........................................4 hours
BIOL 225, Anatomy and Physiology....................................4 hours
(Prereq: CHEM 145GS or CHEM 150GS or CHEM 160GS; three years of high school science including biology and a minimum score of 20 on the ACT OR equivalent
OR a college science course OR departmental permission)
BIOL 226, Anatomy and Physiology....................................4 hours
(Prereq: BIOL 225 or permission of instructor)
BIOL 401, Principles of Immunology..................................4 hours
(Prereq: BIOL 211GS or BIOL 400; BIOL 309 or CHEM 351 OR permission of instructor)
BIOL 440, Infectious Diseases............................................4 hours
(Prereq: BIOL 211GS or BIOL 400 or permission)
BIOL 461, Human Genetics...............................................3 hours
BIOL 465, Physiology....................................................3 hours
(Prereq: BIOL 105GS or BIOL 106GS; BIOL 309; CHEM 161GS; organic chemistry OR permission of instructor)
BIOL 468, Parasitology....................................................3 hours
(Prereq: BIOL 105GS, BIOL 106GS)
CHEM 145GS, Introductory Chemistry...............................4 hours
CHEM 150GS, Introduction to Organic and Biochemistry......4 hours
CHEM 160GS, General Chemistry....................................3 hours
(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
CHEM 161GS, General Chemistry....................................3 hours
(Prereq: C grade in CHEM 160GS and CHEM 160LS
OR advanced placement)
CHEM 300, Environmental Chemistry...............................3 or 4 hours
(Prereq: CHEM 250, CHEM 250L OR CHEM 360, CHEM 360L)
CHEM 301, Analytical Chemistry.......................................3 hours
AND CHEM 301L, Analytical Chemistry Laboratory..............1 hour
(Prereq: CHEM 161GS, CHEM 161LGS OR CHEM 180, CHEM 180L OR equivalent)
CHEM 351, Biochemistry.................................................3 hours
AND CHEM 351L, Biochemistry Laboratory.........................1 hour
(Prereq: C grade in either CHEM 250, CHEM 250L
OR CHEM 360, CHEM 360L)

The purpose of the interdisciplinary Public Health Minor is to allow students majoring in areas which directly or indirectly impact the health of populations to gain insight, knowledge and experience in the diverse field of public health. The objectives of this minor are: (a) to acquaint the student with the core values of public health including assessment, policy development and assurance; (b) to increase the students understanding and awareness of the importance of biological, chemical and other natural processes to disease and health; (c) to provide the skills students need to become leaders in promoting health; (d) to critique the value of existing programs, laws, and healthcare structure at local to global levels; (e) to provide specific business knowledge relating to health care economics and marketing; (f) to provide the skills students need to contribute to the changing field of public health through research, awareness and leadership.

Minimum hours required for minor........................................24
Pre-Cardiovascular Perfusion

A candidate for admission to the Clinical Perfusion Education Program at the University of Nebraska Medical Center must have successfully completed a Bachelor’s Degree and the following required courses. Scores from the basic portion of the Graduate Record Exam (GRE) must also be submitted. Students should check the specific school(s), other than the University of Nebraska Medical Center, to which they intend to apply to ensure that all admission requirements are fulfilled.

**Competition to gain a place in perfusion school is intense and cannot be guaranteed.**

**Required Courses**

Take **ONE** of the following options:

Take two courses (these two courses must be taken in sequence):
- BIOL 225, Anatomy and Physiology 4 hours
- BIOL 226, Anatomy and Physiology 4 hours

**OR take two courses:**
- BIOL 215GS, Human Physiology 4 hours
- PE 460, Gross Anatomy of Movement 3 hours
  (Prereq: PE 360 or BIOL 225, BIOL 226)

Take 2 additional courses in BIOL from the following:
- BIOL 103GS, General Biology 4 hours
- BIOL 105GS, Biology I 4 hours
- BIOL 106GS, Biology II 4 hours
- BIOL 211GS, Human Microbiology 4 hours

Take all of the following:
- CHEM 160GS, General Chemistry 3 hours
  (Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)

**Offered by Health Science Programs**

Pre-Chiropractic, Pre-Osteopathy, Pre-Podiatry

A minimum of 90 semester hours is required for admission to most colleges of chiropractic, osteopathic medicine, or podiatry. However, students pursuing these programs are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-professional program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. These programs do not specify which major a student should pursue in conjunction with his/her pre-professional studies. Chemistry and biology majors are commonly chosen but other science majors, psychobiology, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

**Competition for positions in these schools is intense and admission is never guaranteed. Admission is based on scholastic record, MCAT scores (if required), personal recommendations, an interview with members of the admissions committee, shadowing, health care exposure and other extra-curricular activities.**

The following curriculum will fulfill the admissions requirements at most chiropractic, osteopathic and podiatry schools. Students should check with the specific school(s) to which they intend to apply to ensure that all requirements are met.

**Requirements**

Take **ONE** of the following options:

Take 2 courses:
- BIOL 103GS, General Biology 4 hours
- BIOL 215GS, Human Physiology 4 hours

**Offered by Health Science Programs**

Pre-Chiropractic, Pre-Osteopathy, Pre-Podiatry

A minimum of 90 semester hours is required for admission to most colleges of chiropractic, osteopathic medicine, or podiatry. However, students pursuing these programs are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-professional program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. These programs do not specify which major a student should pursue in conjunction with his/her pre-professional studies. Chemistry and biology majors are commonly chosen but other science majors, psychobiology, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

**Competition for positions in these schools is intense and admission is never guaranteed. Admission is based on scholastic record, MCAT scores (if required), personal recommendations, an interview with members of the admissions committee, shadowing, health care exposure and other extra-curricular activities.**

The following curriculum will fulfill the admissions requirements at most chiropractic, osteopathic and podiatry schools. Students should check with the specific school(s) to which they intend to apply to ensure that all requirements are met.

**Requirements**

Take **ONE** of the following options:

Take 2 courses:
- BIOL 103GS, General Biology 4 hours
- BIOL 215GS, Human Physiology 4 hours
Health Science Programs

A. Requirements

Take 8 hours from:

- BIOL 103GS, General Biology ................................................................. 4 hours
- BIOL 105GS, Biology I ............................................................................. 4 hours
- BIOL 106GS, Biology II ............................................................................... 4 hours
- BIOL 211GS, Human Microbiology .......................................................... 4 hours

(Students should not take BIOL 211GS if they are planning to take BIOL 400)

Restriction: No more than ONE from the following options:

Take 1 course:

- BIOL 215GS, Human Physiology ............................................................... 4 hours

OR take 2 courses:

- BIOL 225, Anatomy and Physiology ......................................................... 4 hours
- BIOL 226, Anatomy and Physiology ........................................................... 4 hours

Take all of the following:

- CHEM 160GS, General Chemistry ............................................................ 3 hours
- CHEM 160LG, General Chemistry Laboratory ......................................... 1 hour
- CHEM 161GS, General Chemistry .............................................................. 3 hours
- CHEM 161LG, General Chemistry Laboratory ......................................... 1 hour
- CHEM 360, Organic Chemistry ................................................................. 4 hours
- CHEM 360L, Organic Chemistry Laboratory .............................................. 1 hour
- CHEM 361, Organic Chemistry ................................................................. 4 hours
- CHEM 361L, Organic Chemistry Laboratory .............................................. 1 hour
- ENG 101GS, Expository Writing I ............................................................... 3 hours
- ENG 102GS, Expository Writing II .............................................................. 3 hours
- MATH 102*, College Algebra ................................................................. 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

B. Electives

Electives in the humanities and social sciences are required and may include English literature courses, foreign language, psychology, philosophy, political science, economics, sociology and fine arts courses.

Other electives, including upper division biology and chemistry courses, are also recommended. See your advisor for suggestions.

Students should be aware of prerequisites on all courses and plan their coursework accordingly.

C. Medical College Admissions Test (MCAT)

The MCAT is required for admission to osteopathic and podiatry schools and should be taken once all required courses have been completed. See your advisor for more information.

Students who are accepted into chiropractic, osteopathic or podiatry school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS degree in Health Science if they have completed all General Studies requirements and have at least 90 semester hours completed in pre-chiropractic studies.

Pre-Dental

The College of Dentistry of the University of Nebraska Medical Center requires a minimum of 90 semester hours for admission. The majority of students entering dental school have a BS degree. Therefore, students pursuing a pre-dental curriculum are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-dental program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK General Studies requirements and other degree requirements as set forth in the college catalog. Dental schools do not specify which major a student should pursue in conjunction with his/her pre-dental studies. Chemistry and biology majors are commonly chosen but other science majors, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

Competition for positions in dental schools is intense and admission is never guaranteed. Admission to dental school is based on a review of the scholastic record, DAT scores, personal recommendations, an interview with members of the admissions committee, shadowing and other extra-curricular activities.

The following requirements are based on the admission requirements of the College of Dentistry at the University of Nebraska Medical Center. Students wanting to apply to other dental schools should check with those specific schools for additional requirements.

Pre-Dental Hygiene

The following two-year program is based on the requirements of the University of Nebraska Medical Center’s College of Dentistry in Lincoln, Nebraska. While other dental hygiene programs may be similar, the student is urged to contact the specific school of his or her choice to determine any suggested variations of this pre-professional schedule. Students must apply for positions in dental hygiene programs and the competition is intense. Therefore admission is never guaranteed.

Requirements

Take all of the following:

- BIOL 103GS, General Biology ................................................................. 4 hours
- BIOL 211GS, Human Microbiology .......................................................... 4 hours
- BIOL 225, Anatomy and Physiology ....................................................... 4 hours
- BIOL 226, Anatomy and Physiology .......................................................... 4 hours
- CHEM 160GS, General Chemistry ............................................................ 3 hours
- CHEM 161GS, General Chemistry .............................................................. 3 hours
- CHEM 161LG, General Chemistry Laboratory ......................................... 1 hour

Pre-Dental

Pre-Dental Hygiene

Offered by Health Science Programs

Take 2 courses:

- BIOL 225, Anatomy and Physiology ....................................................... 4 hours
- BIOL 226, Anatomy and Physiology .......................................................... 4 hours

Take all of the following:

- CHEM 160GS, General Chemistry ............................................................ 3 hours
- CHEM 160LG, General Chemistry Laboratory ......................................... 1 hour
- CHEM 161GS, General Chemistry .............................................................. 3 hours
- CHEM 161LG, General Chemistry Laboratory ......................................... 1 hour
- CHEM 360, Organic Chemistry ................................................................. 4 hours
- CHEM 360L, Organic Chemistry Laboratory .............................................. 1 hour
- CHEM 361, Organic Chemistry ................................................................. 4 hours
- CHEM 361L, Organic Chemistry Laboratory .............................................. 1 hour
- ENG 101GS, Expository Writing I ............................................................... 3 hours
- ENG 102GS, Expository Writing II .............................................................. 3 hours
- MATH 102*, College Algebra ................................................................. 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

Pre-Dental

Pre-Dental Hygiene

Offered by Health Science Programs
Health Programs Office for information regarding the exact requirements courses will satisfy requirements for most programs. Please contact the
Completion of a minor—students enrolled in the College of Dentistry at UNMC pursing a major in Dental Hygiene must also complete a minor in order to meet graduation requirements of the College of Dentistry. The 12 hour series of courses taken while at UNK count as one-half of the minor. The second half of the minor will be in biology and will be completed at the College of Dentistry.

Other requirements for admission to the University of Nebraska College of Dentistry include a total of 60 credit hours and a scholastic standing of at least 2.5.

Pre-Health Information Management

The following pre-health information management program is suggested for students interested in applying to a school of Health Information Management. The University of Nebraska at Kearney is currently affiliated with the following schools of Health Information Management: University of Kansas Medical Center in Kansas City, KS; Dakota State University in Madison, SD. Completion of the pre-health information management does not automatically guarantee admission into one of these schools. The educational requirements may vary slightly from school to school. Therefore, student should check with the specific school(s) to which he/she intends to apply to ensure that all requirements are fulfilled. The following list is a suggested course of study that will fulfill requirements at most HIM schools.

Requirements

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103GS, General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225, Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226, Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 325, Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>ENG 101GS, Expository Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102GS, Expository Writing II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 203GS, General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100GS, Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100GS, Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Take 1 course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 145GS, Introductory Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>OR take two courses:</td>
<td></td>
</tr>
<tr>
<td>CHEM 160GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>CHEM 160LGS, General Chemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Take 3-6 credit hours of fine arts/humanities electives

Courses in ART, DANC, MUS, and THEA are suggested. Please consult your advisor to ensure the courses are appropriate.

Take approved electives to reach a total of 60 hours

Electives must include 6 hours of Humanities/Fine Arts and 3 hours of Social Sciences.

Electives must also include a 12 hour series of courses in a specific area of study that interests the student. These courses will count toward the minor required by the UNMC College of Dentistry.

The College of Medicine of the University of Nebraska Medical Center requires a minimum of 90 semester hours for admission. However, students pursuing a pre-medical curriculum are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-medical program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. Medical schools do not specify which major a student should pursue in conjunction with his/her pre-medical studies. Chemistry and biology majors are commonly chosen but other science majors, psychobiology, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

Competition for positions in medical schools is intense and admission is never guaranteed. Admission to medical school is based on scholastic record, MCAT scores, personal recommendations, interview with members of the admissions committee, shadowing, and other extra-curricular activities.

The following requirements are based on the admission requirements of the College of Medicine at the University of Nebraska Medical Center. Students wanting to apply to other medical schools should check with those specific schools for additional requirements.

A. Requirements

Take 8 hours of biology from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103GS, General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 105GS, Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106GS, Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>

(Students should not take BIOL 211GS if they are planning to take BIOL 400)

Restriction: No more than ONE from the following options:

- Take 1 course:
  - BIOL 215GS, Human Physiology        | 4     |

- OR take 2 courses:
  - BIOL 225, Anatomy and Physiology   | 4     |
  - BIOL 226, Anatomy and Physiology   | 4     |

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 360, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>(Prereq: BIOL 309)</td>
<td></td>
</tr>
<tr>
<td>CHEM 160GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>CHEM 161GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161LGS, General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 351, Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L, Biochemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 360, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 360L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 361, Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 361L, Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>ENG 101GS, Expository Writing I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102GS, Expository Writing II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205GS, General Physics</td>
<td>5</td>
</tr>
<tr>
<td>(Prereq: MATH 103 or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 206GS, General Physics</td>
<td>5</td>
</tr>
</tbody>
</table>

Take 1 course from:

- MATH 115, Calculus I with Analytic Geometry | 5     |
| (Prereq: MATH 102, MATH 103)               |       |
- MATH 123, Applied Calculus I             | 3     |
| (Prereq: MATH 102)                        |       |
- STAT 241, Elementary Statistics         | 3     |
Pre-Mortuary Science

The program to be followed by pre-mortuary science students is largely determined by the requirements of the state in which they will practice and the mortuary school they will attend.

The following is based upon the state of Nebraska requirements:

A. Requirements

Take all of the following:

- BACC 250, Principles of Accounting I ........................................ 3 hours
  (Prereq: MATH 102 or equivalent; sophomore standing)
- BACC 251, Principles of Accounting II ................................ x hours
- BIOL 211GS, Human Microbiology ........................................... 4 hours
- ENG 101GS, Expository Writing I ................................................ 3 hours
- ENG 102GS, Expository Writing II .............................................. 3 hours
- FSID 160GS, Personal Money Management ................................ 3 hours
- PSY 203GS, General Psychology .............................................. 3 hours
- PSY 230GS, Human Development ............................................. 3 hours
- PSY 231, Abnormal Behavior and Society .................................. 3 hours
- SOC 100GS, Introduction to Sociology or elective ...................... 3 hours

Take ONE of the following options:

Take 2 courses:

- BIOL 103GS, General Biology ................................................. 4 hours
- BIOL 215GS, Human Physiology .............................................. 4 hours

OR take 2 courses:

- BIOL 225, Anatomy and Physiology ........................................... 4 hours
- BIOL 226, Anatomy and Physiology ........................................... 4 hours

Take ONE of the following options:

Take 2 courses:

- CHEM 145GS, Introductory Chemistry ...................................... 4 hours
- CHEM 150GS, Introduction to Organic and Biochemistry ............ 4 hours

OR take 4 courses:

- CHEM 160GS, General Chemistry ............................................. 3 hours
  (Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
- CHEM 160LGS, General Chemistry Laboratory ......................... 1 hour
- CHEM 161GS, General Chemistry ............................................. 3 hours
- CHEM 161LGS, General Chemistry Laboratory ......................... 1 hour

B. Electives to complete a 60 hour program

The student should check with the Mortuary Science Program to which he/she intends to apply in order to insure that other requirements are fulfilled. Also, the student should check the requirements of the state in which he/she plans to practice (if it is not Nebraska).

C. Medical College Admissions Test (MCAT)

The MCAT is required for admission and should be taken once all required courses have been completed. See your advisor for more information.

Offered by Health Science Programs

Pre-Nuclear Medicine Technology

The following two year program is based on the requirements for admission to the Division of Radiation Science Technology Education at the University of Nebraska Medical Center, Omaha, Nebraska. A minimum 48 hours of pre-nuclear medicine technology courses must be completed. The Nuclear Medicine Technology Program at UNMC is a two-year (72 credit hour) program. Competition for a place in this clinical program is intense and admission is not guaranteed. Therefore, students should also plan for a college major.

A. Requirements

Take all of the following:

- BIOL 325, Medical Terminology ............................................. 1 hour
- CHEM 160GS, General Chemistry ........................................... 3 hours
- CHEM 160LGS, General Chemistry Laboratory ....................... 1 hour
- ENG 101GS, Expository Writing I ............................................ 3 hours
- ENG 102GS, Expository Writing II ......................................... 3 hours
- MATH 102*, College Algebra ............................................... 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

PHYS 205GS, General Physics ............................................... 5 hours
  (Prereq: MATH 103 or permission of instructor)
- SPCH 100GS, Fundamentals of Speech Communication ........... 3 hours
- STAT 241, Elementary Statistics ........................................... 3 hours

Take 4 hours of biology from:

- BIOL 103GS, General Biology ............................................. 4 hours
- BIOL 105GS, Biology I ....................................................... 4 hours
- BIOL 106GS, Biology II ..................................................... 4 hours
- BIOL 215GS, Human Physiology ........................................... 4 hours
- BIOL 225, Anatomy and Physiology ...................................... 4 hours

(It is recommended that students taking BIOL 225 plan to also take BIOL 226 as part of their elective hours.)

B. Electives

Take 6 hours of elective courses in the humanities and social sciences:

Appropriate options include courses in anthropology, art history, economics, history, political science, philosophy, psychology, and sociology.

Take 15 hours of elective courses:

These courses may include any science, math, humanities, and/social sciences. Additional courses in the sciences are recommended. See advisor.

Students should check with other specific schools of nuclear medicine technology to which they intend to apply to ensure that any other requirements are fulfilled.

Suggested Course of Study

The following pre-occupational therapy program is suggested for students interested in seeking admission to the occupational therapy programs at Creighton University and the College of St. Mary. Competition to gain a place in occupational therapy school is intense and cannot be guaranteed; students are expected to plan for a college major**.

Take all of the following:

- BIOL 225, Anatomy and Physiology ....................................... 4 hours
- BIOL 226, Anatomy and Physiology ....................................... 4 hours
- BIOL 325, Medical Terminology .......................................... 1 hour
- BMIS 182GS, Software Productivity Tools .............................. 3 hours
- CHEM 145GS, Introductory Chemistry ................................... 4 hours
The requirements for admission to colleges of optometry vary. A suggested program of study is listed below, but the student should check with the college of optometry of his/her choice for its specific requirements. A minimum of three years (90 hours) of pre-optometric study is required. However, in most cases a baccalaureate degree** should be completed before matriculating into a college of optometry, especially since admission to a optometry school is not guaranteed.

The student is also expected to submit scores from the Optometry Admissions Test (OAT).

Health Science Programs

<table>
<thead>
<tr>
<th>University</th>
<th>Admissions Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Missouri-St. Louis College of Optometry, St. Louis MO</td>
<td>(1)</td>
</tr>
<tr>
<td>Northeastern State University College of Optometry, Tahlequah, OK</td>
<td>(1)</td>
</tr>
<tr>
<td>Pacific University College of Optometry, Forest Grove, OR</td>
<td>(1)</td>
</tr>
<tr>
<td>Pennsylvania College of Optometry, Philadelphia, PA</td>
<td>(2)</td>
</tr>
<tr>
<td>Southern College of Optometry, Memphis, TN</td>
<td>(3)</td>
</tr>
</tbody>
</table>

2 seats are available at large at the seven contract institutions.

A suggested program of study is as follows:

Take ONE of the following options:

**Take 2 courses:**

- BIOL 103GS, General Biology ...........................................4 hours
- BIOL 215GS, Human Physiology ...........................................4 hours

**OR take 2 courses:**

- BIOL 225, Anatomy and Physiology ......................................4 hours
- BIOL 226, Anatomy and Physiology ......................................4 hours

Take one of the following:

- BIOL 211GS, Human Microbiology .......................................4 hours
- BIOL 400, Microbiology ..................................................4 hours

Take all of the following:

- CHEM 160GS, General Chemistry ........................................3 hours
- CHEM 161GS, General Chemistry Laboratory ..........................1 hour
- CHEM 162GS, General Chemistry Laboratory ..........................1 hour
- CHEM 351, Biochemistry ..................................................3 hours
- CHEM 351L, Biochemistry Laboratory ...................................1 hour
- CHEM 360, Organic Chemistry ...........................................4 hours
- CHEM 360L*, Organic Chemistry Laboratory ..........................1 hour
- CHEM 361, Organic Chemistry ...........................................4 hours
- CHEM 361L*, Organic Chemistry Laboratory ..........................1 hour

* Some colleges of optometry will accept CHEM 250 in lieu of CHEM 360 & CHEM 361

**Students with sufficient preparation may enter the mathematics program at a higher level, however some schools do require two courses in mathematics. Most schools require a course in calculus.

- MATH 103, Plane Trigonometry ..........................................3 hours
- MATH 115, Calculus I with Analytic Geometry ........................5 hours
- PHYS 205GS, General Physics ...........................................5 hours
- PHYS 206GS, General Physics ...........................................5 hours
- PSY 203GS, General Psychology ........................................3 hours
- PSY 231, Abnormal Behavior and Society .............................3 hours
- PSY 250, Behavioral Statistics ..........................................4 hours
- PSY 270, Experimental Psychology ....................................4 hours
- PSY 415, Group Dynamics ................................................3 hours
- SOC 100GS, Introduction to Sociology ................................3 hours
- SPCH 100GS, Fundamentals of Speech Communication ............3 hours
- SPCH 100LS, Speech Communication Laboratory .................3 hours
- SPCH 200, Voice Laboratory ............................................3 hours

A suggested program of study is as follows:

Pre-Optometry

The requirements for admission to colleges of optometry vary. A suggested program of study is listed below, but the student should check with the college of optometry of his/her choice for its specific requirements. A minimum of three years (90 hours) of pre-optometric study is required. However, in most cases a baccalaureate degree** should be completed before matriculating into a college of optometry, especially since admission to a optometry school is not guaranteed.

The student is also expected to submit scores from the Optometry Admissions Test (OAT).

The State of Nebraska, concerned with providing an educational opportunity in optometry as well as adequate optometric staffing, has contracted with the following professional schools of optometry to ensure available space and/or provide for partial tuition remission for qualified applicants. Nebraska residents who wish to pursue a degree in optometry may apply for financial assistance through a contract program between the University of Nebraska and seven optometry schools nationwide. Up to 15 students per year are awarded a contract seat to help offset tuition at these Colleges of Optometry (with number of seats available):

- Indiana School of Optometry, Bloomington, IN (3)
- University of Houston College of Optometry, Houston, TX (2)
- Indiana School of Optometry, Bloomington, IN (3)

Offered by Health Science Programs
A minimum of 90 semester hours is required by the University of Nebraska Medical Center’s College of Pharmacy. A student applying to a School of Pharmacy other than that at the University of Nebraska Medical Center should check with the school to ensure that other requirements are fulfilled. Competition to gain a place in pharmacy school is intense and cannot be guaranteed; students are expected to plan for a college major**.

A. Biological/Chemical Science (59 hours required)

Take at least 4 hours of biology from:

- BIOL 103GS, General Biology ................................................. 4 hours
- BIOL 105GS, Biology I .................................................. 4 hours
- BIOL 106GS, Biology II .................................................. 4 hours
- BIOL 211GS, Human Microbiology .................................. 4 hours

Take all of the following:

- CHEM 160GS, General Chemistry .................................. 3 hours
  (Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
- CHEM 161GS, General Chemistry .................................. 3 hours
- CHEM 161LG, General Chemistry Laboratory .................. 1 hour
- CHEM 301, Analytical Chemistry ....................................... 3 hours
- CHEM 301L, Analytical Chemistry Laboratory .................. 1 hour
- CHEM 351, Biochemistry .................................................. 3 hours
- CHEM 351L, Biochemistry Laboratory ................................ 1 hour
- CHEM 360, Organic Chemistry ........................................... 4 hours
- CHEM 360L, Organic Chemistry Laboratory .................... 1 hour
- CHEM 361, Organic Chemistry ........................................... 4 hours
- CHEM 361L, Organic Chemistry Laboratory .................... 1 hour
- PHYS 205GS, General Physics .......................................... 5 hours
  (Prereq: MATH 103 or permission of instructor)
- PHYS 206GS, General Physics .......................................... 5 hours

B. Oral and Written Communication (9 hours required)

Take all of the following:

- ENG 101GS, Expository Writing I ..................................... 3 hours
- ENG 102GS, Expository Writing II ..................................... 3 hours
- SPCH 100GS, Fundamentals of Speech Communication ........ 3 hours

C. Analytical Science (8 hours required)

Take:

- MATH 115*, Calculus I with Analytic Geometry .............. 5 hours
  (Prereq: MATH 102, MATH 103)
- 1 course from:
  - PSY 250, Behavioral Statistics ................................... 3 hours
  - STAT 241, Elementary Statistics .................................. 3 hours

D. Administrative Science (6 hours required)

Take:

- BACC 250, Principles of Accounting I .......................... 3 hours
  (Prereq: MATH 102 or equivalent; sophomore standing)
- 1 course from:
  - ECON 270GS, Principles of Economics, Macroeconomics ... 3 hours
  - ECON 271GS, Principles of Economics, Microeconomics ... 3 hours

E. Behavioral and Social Science (6 hours required)

Take all of the following:

- PSY 203GS, General Psychology .................................... 3 hours
- PSY 230GS, Human Development .................................... 3 hours

F. General Education

Minimum 13 hours required with at least 6 hours coming from the following areas below. The remainder of hours can include non-required courses in the areas listed above.

- Business Management, Critical Thinking, Ethics, Fine Arts, Foreign Language, Gerontology, History, Humanities, Literature, Logic, Management, Philosophy, Political Science

Strongly recommended:

- PSY 465, Psychopharmacology ...................................... 3 hours

These requirements will fulfill the admission requirements at Creighton University School of Pharmacy. However, students should consult the list of admissions requirements that are specific for Creighton.

Scores from the Pharmacy College Admissions Test (PCAT) must also be submitted to most programs, including UNMC and Creighton.

**Students pursuing a program of study in pre-pharmacy are expected to choose a major so that they can be working towards a baccalaurate degree concurrently with the pre-pharmacy program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into pharmacy school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS degree in Health Science if they have completed all General Studies requirements and have at least 90 semester hours completed in pre-opt studies.)

Offered by Health Science Programs

Pre-Physical Therapy

The educational requirements for admission to a physical therapy program vary from school to school. Many programs require a BS degree; some will accept applicants after three years of undergraduate education. The following courses are those required by the University of Nebraska Medical Center’s Division of Physical Therapy Education for admission to their program. These courses also meet the requirements for entry into the Creighton University Program in Physical Therapy. Students pursuing a pre-physical therapy program are also expected to pursue a college major***.

Competition for places in professional schools of physical therapy is intense and admission is not guaranteed.

A. Required Courses at UNMC and Creighton

Take all of the following:

- BIOL 225, Anatomy and Physiology ................................ 4 hours
- BIOL 226, Anatomy and Physiology ................................ 4 hours
- CHEM 160GS, General Chemistry .................................. 3 hours
  (Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
- CHEM 161GS, General Chemistry .................................. 3 hours
- CHEM 161LG, General Chemistry Laboratory .................. 1 hour
- CHEM 301, Analytical Chemistry ....................................... 3 hours
- CHEM 301L, Analytical Chemistry Laboratory .................. 1 hour
- CHEM 360, Organic Chemistry ........................................... 4 hours
- CHEM 360L, Organic Chemistry Laboratory .................... 1 hour
- CHEM 361, Organic Chemistry ........................................... 4 hours
- CHEM 361L, Organic Chemistry Laboratory .................... 1 hour
- PHYS 205GS, General Physics .......................................... 5 hours
  (Prereq: MATH 103 or permission of instructor)
- PHYS 206GS, General Physics .......................................... 5 hours
CHEM 161GS, General Chemistry ..........................3 hours
CHEM 161LGS, General Chemistry Laboratory ..........1 hour
PHYS 205GS, General Physics ................................5 hours
(Prereq: MATH 103 or permission of instructor)
PHYS 206GS, General Physics ................................5 hours

B. Additional Requirements at Creighton
Take all of the following:
ENG 101GS, Expository Writing I ............................3 hours
ENG 102GS, Expository Writing II ..........................3 hours
STAT 241, Elementary Statistics .............................3 hours
Take 2 of the following:
BIOL 103GS, General Biology ...............................4 hours
BIOL 105GS, Biology I ..........................................4 hours
BIOL 106GS, Biology II .........................................4 hours
BIOL 211GS, Human Microbiology .........................4 hours

Students applying to both UNMC and the University of Creighton who do not hold a bachelor’s degree, must identify their major emphasis of study and satisfactorily complete 9 upper level (300/400) credit hours towards that emphasis prior to matriculation.

C. Electives - take enough hours to reach a total of at least 90 credit hours
Courses in sociology, anthropology, psychology, history, political science, literature, fine arts, speech, philosophy, math, and statistics are appropriate.

Additional upper level science courses would also be beneficial. Students are strongly encouraged to consult with their advisor to ensure that electives are applicable towards a specific major in the discipline of their choice. Creighton University strongly encourages psychology electives.

D. Shadowing/Observation Requirements:
Creighton University requires a minimum of 60 hours of observation supervised by a physical therapist. UNMC has no formal requirement for volunteer, observation, or employment experiences in the field of physical therapy. However, broad exposure to the field is to the applicant’s personal benefit and is encouraged.

Students applying to Schools of Physical Therapy outside Nebraska should check with these schools to ensure that other requirements are fulfilled.

Graduate Record Examination (GRE) scores must be presented.

***Students pursuing a program of study in pre-physical therapy are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-physical therapy program. This requires a major/minor combination or a comprehensive minor as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into physical therapy school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS degree in Health Science if they have completed all General Studies requirements and have at least 90 semester hours completed in pre-PT studies.)

Offered by Health Science Programs
Pre-Physician Assistant

A candidate for admission to the Physician Assistant Program at the University of Nebraska Medical Center in Omaha, NE, must have successfully completed a Bachelor’s Degree and the following required courses. The following courses will also fulfill requirements at Union College in Lincoln, NE. Students should check with other schools to which they intend to apply to ensure that all requirements are fulfilled.

The competition to gain acceptance to a physician assistant program is intense and admission is not guaranteed. Admission to a PA program is based on scholastic record, GRE scores, personal recommendations, an interview with members of the admissions committee, shadowing, exposure to health care, and other extra-curricular activities.

Due to the competitiveness, students pursuing a program of study in pre-physician assistant are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-physician assistant program. This requires a major/minor combination or a comprehensive minor as well as completion of the UNK General Studies requirements and other degree requirements as set forth in the college catalog.

Offered by Health Science Programs
Pre-Radiologic Technology

The following two year pre-professional program is based on the requirements for admission to the Division of Radiation Science Technology Education at the University of Nebraska Medical Center, Omaha, Nebraska. A minimum 48 semester hours of pre-radiologic technology courses must be completed. The Radiologic Technology

A. Requirements
Take ONE of the following options:
Take 2 courses:
BIOL 225, Anatomy and Physiology .................................................4 hours
BIOL 226, Anatomy and Physiology .................................................4 hours
OR take 2 courses:
BIOL 215GS, Human Physiology .........................................................4 hours
PE 460, Gross Anatomy of Movement ..................................................3 hours
(Prereq: PE 360 OR BIOL 225, BIOL 226)

Take 1 course:
MATH 102*, College Algebra .........................................................3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level.

Take 1 course from:
PSY 250, Behavioral Statistics .........................................................4 hours
STAT 241, Elementary Statistics .........................................................3 hours

Take 1 course from:
BIOL 211GS, Human Microbiology .....................................................4 hours
BIOL 400, Microbiology .................................................................4 hours

Take all of the following:
CHEM 160GS, General Chemistry ......................................................3 hours
CHEM 160LGS, General Chemistry Laboratory .................................1 hour
CHEM 161GS, General Chemistry ......................................................3 hours
CHEM 161LGS, General Chemistry Laboratory .................................1 hour
CHEM 250**, Elementary Organic Chemistry ....................................4 hours
CHEM 250L, Elementary Organic Chemistry Laboratory ..................1 hour
CHEM 351, Biochemistry .................................................................3 hours
ENG 101GS, Expository Writing I .........................................................3 hours
ENG 102GS, Expository Writing II ......................................................3 hours
PSY 203GS, General Psychology .......................................................3 hours
PSY 230GS, Human Development .....................................................3 hours
PSY 231, Abnormal Behavior ............................................................3 hours

Take one additional non-field biology course with a lab.

**Union College requires CHEM 360 and CHEM 361, Organic Chemistry, and CHEM 351, Biochemistry. Consult with your advisor regarding the chemistry requirements.

B. Electives
Additional electives should be chosen from the humanities and social sciences in areas such as psychology, sociology, critical reasoning, literature and foreign language. Other electives, including upper division biology and chemistry courses, are also recommended. BIOL 401, Principles of Immunology, is highly recommended by the Physician Assistant program at UNMC. See your advisor for other suggestions.

Students should be aware of prerequisites on all courses and plan their coursework accordingly.

C. Graduate Record Exam (GRE)
Scores from the GRE are required for admission to many physician assistant programs. See your advisor for more information.

Some physician assistant programs do not require a bachelor’s degree for admissions. However, students who are accepted into physician assistant school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS degree in Health Science if they have completed all General Studies requirements and have at least 90 semester hours completed in pre-PA studies.
A. Requirements
Take all of the following:

- BIOL 325, Medical Terminology ............................................ 1 hour
- CHEM 160GS, General Chemistry ......................................... 3 hours
- CHEM 160LGS, General Chemistry Laboratory ....................... 1 hour
- ENG 101GS, Expository Writing I ........................................... 3 hours
- ENG 102GS, Expository Writing II ......................................... 3 hours
- MATH 102*, College Algebra.................................................. 3 hours

*Students with sufficient preparation may enter the mathematics program at MATH 123.

Take 4 hours of biology from:
- BIOL 103GS, General Biology ................................................ 4 hours
- BIOL 105GS, Biology I ............................................................ 4 hours
- BIOL 106GS, Biology II ......................................................... 4 hours
- BIOL 215GS, Human Physiology ........................................... 4 hours
- BIOL 225, Anatomy and Physiology .................................... 4 hours

(It is recommended that students taking BIOL 225 plan to also take BIOL 226 as part of their elective hours.)

Take 6 hours of elective courses in the humanities and social sciences:
- Appropriate options include courses in anthropology, art history, economics, history, philosophy, political science, psychology, and sociology.

Take 15 hours of elective courses:
- These courses may include any science, math, humanities, and/or social sciences. Additional courses in the sciences are recommended. See your advisor.

Students should check with other specific schools of radiologic technology to which they intend to apply to ensure that any other requirements are fulfilled.

B. Electives
Take 6 hours of elective courses in the humanities and social sciences: Appropriate options include courses in anthropology, art history, economics, history, philosophy, political science, psychology, and sociology.

Take 15 hours of elective courses:
- These courses may include any science, math, humanities, and/or social sciences. Additional courses in the sciences are recommended. See your advisor.

Students should check with other specific schools of radiologic technology to which they intend to apply to ensure that any other requirements are fulfilled.

College of Natural and Social Sciences

Department of History

Vernon Volpe, Chair
Professors: Ailes, Barana, R. Davis, Lilly, Volpe
Associate Professors: Ellis, Rohrer, Van Ingen
Assistant Professor: Biggs

Department Objectives:
Students graduating from the University of Nebraska at Kearney with a degree administered by the History Department will demonstrate the historical knowledge, skills, and values associated with an educated citizenry, including:

1. a working knowledge of past events, people, ideas, and values in the United States and in other parts of the world.
2. an understanding of contemporary society from a historical perspective that includes multi-cultural and global contexts.
3. an understanding of the historical foundations of democracy, pluralism, and tolerance.
4. the ability to interpret the meaning of historical texts in their social, political, economic, and cultural contexts, and to synthesize the implications of historical developments within a particular region or culture.
5. the ability to create historical narratives that integrate change and continuity over time, employing current historiography and historical methods.
6. critical thinking and analysis through effective communications skills appropriate to the discipline of history.
7. an ability to locate, gather, and organize a variety of historical information.
8. intellectual curiosity and a commitment to the pursuit of knowledge.
9. an awareness and appreciation for diverse views and contributions to culture and society.
10. an appreciation for the study of history as a means of understanding both past and contemporary societies.

HISTORY-SOCIAL SCIENCE MAJOR

Four options are available in this major:

I. History Option - Bachelor of Arts Degree
II. History-Social Science Comprehensive Option - Bachelor of Science Degree
   - Economics Emphasis
   - Geography Emphasis
   - Political Science Emphasis
   - Psychology Emphasis
   - Sociology Emphasis
III. History 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
IV. History-Social Science 7-12 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

A minor in History is available for students pursuing majors in other disciplines. Elementary Education majors may also minor in Social Science.

Courses with the prefixes HIST and SOSC are offered by the department. See pages 217 (HIST) and 249 (SOSC).

Offered by Department of History
History-Social Science Major

History Option

Bachelor of Arts ....................................................... NSS BA 5704

Minimum General Studies .................................................. 45
English Language minimum .............................................. 9
Humanities minimum .................................................... 9
Mathematics, Statistics & Computer Science minimum .......... 3
Natural Sciences minimum ............................................. 7
Social and Behavioral Sciences minimum ......................... 9
Personal Development minimum .................................... 2

BA Language requirement.............................................. a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ............................................................... 36
Minor or 2nd Major, minimum ........................................ 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework.......................... 111
Unrestricted electives in 125 hour program ......................... 14
Minimum total hours required for BA in History ................ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
A. History Option Core Requirements (12 hours required)
AT LEAST ONE SURVEY-LEVEL HISTORY COURSE MUST BE WI
take all of the following:
HIST 250GS, American History ................................................. 3 hours
HIST 251GS, American History ................................................. 3 hours
Take 6 hours total:
Take 3 to 6 hours from:
HIST 210GS, Western Civilization ................................................. 3 hours
HIST 211GS, Western Civilization ................................................. 3 hours
Take 0 to 3 hours from:
HIST 212GS, Non-Western World History ................................................. 3 hours
HIST 215GS, Introduction to Latin America ................................................. 3 hours

B. History Option Advanced Courses (24 hours required)
Take 24 hours from Advanced History Courses. At least 9 hours of the advanced history hours must be 400 level courses.

1. History Option-Senior Seminar
At the junior or senior level take:
HIST 496, Senior Seminar in History: Variable Topics ................................................. 3 hours
Course topic reduces the hours required accordingly in Advanced US History, Advanced European History or Advanced Non-Western History.

Take 9 hours from:
HIST 315, American Military History ................................................. 3 hours
HIST 405, The Plains Indians ................................................. 3 hours
HIST 406, History and Film ................................................. 3 hours
HIST 421, Women in America ................................................. 3 hours
HIST 429, Religion in America ................................................. 3 hours
HIST 431, Colonial America, 1492-1750 ................................................. 3 hours
HIST 432, Revolutionary America, 1750-1800 ................................................. 3 hours
HIST 433, The National Period, 1800-1850 ................................................. 3 hours
HIST 445, The Civil War and Reconstruction ................................................. 3 hours
HIST 456, Regional Field Study ................................................. 1-4 hours
HIST 471, History of the Pacific Rim ................................................. 3 hours
HIST 473, American Constitutional History I ................................................. 3 hours
HIST 474, American Constitutional History II ................................................. 3 hours
HIST 475, Internship in History ................................................. 1-9 hours
HIST 477, American Thought and Culture, 1620-1865 ................................................. 3 hours
HIST 478, American Thought and Culture, 1865-1990 ................................................. 3 hours
HIST 479, Nebraska and the Great Plains History ................................................. 3 hours
HIST 481, North American Frontiers, 1500-1850 ................................................. 3 hours
HIST 482, The American West, 1850-present ................................................. 3 hours
HIST 483, The Gilded Age, 1870-1898 ................................................. 3 hours
HIST 484, The United States, 1898-1941 ................................................. 3 hours
HIST 485, The United States Since 1941 ................................................. 3 hours
HIST 495, Topical Studies ................................................. 3 hours
HIST 499, Independent Study ................................................. 1-4 hours

3. History Option-Advanced European History
Take 9 hours from:
HIST 375, English History ................................................. 3 hours
HIST 376, English History ................................................. 3 hours
HIST 407, History of Sea Power ................................................. 3 hours
HIST 408, War and Society ................................................. 3 hours
HIST 409, The High Middle Ages, 1050-1350 ................................................. 3 hours
HIST 411, Saints and Sinners ................................................. 3 hours
HIST 412, Society and Gender in the Middle Ages ................................................. 3 hours
HIST 420, Women in Europe ................................................. 3 hours
HIST 455, Comparative Studies in Ethnic Conflict ................................................. 3 hours
HIST 456, Regional Field Study ................................................. 1-4 hours
HIST 457, British Empire ................................................. 3 hours
HIST 459, European Expansion and Exploration ................................................. 3 hours
HIST 461, Renaissance and Reformation ................................................. 3 hours
HIST 462, Seventeenth and Eighteenth Century Europe ................................................. 3 hours

4. History Option-Advanced Non-Western History
Take 6 hours from:
HIST 407, History of Sea Power ................................................. 3 hours
HIST 408, War and Society ................................................. 3 hours
HIST 416, History of Christianity ................................................. 3 hours
HIST 439, Pre-Hispanic and Colonial Latin America ................................................. 3 hours
HIST 441, Modern Latin America ................................................. 3 hours
HIST 450, Variable Topics in Latin American History ................................................. 3 hours
HIST 451, Comparative Colonialism: Asia and Africa ................................................. 3 hours
HIST 452, Colonial India ................................................. 3 hours
HIST 453, Modern India ................................................. 3 hours
HIST 455, Comparative Studies in Ethnic Conflict ................................................. 3 hours
HIST 456, Regional Field Study ................................................. 1-4 hours
HIST 457, British Empire ................................................. 3 hours
HIST 475, Internship in History ................................................. 1-9 hours
HIST 486, Imperial Russia ................................................. 3 hours
HIST 495, Topical Studies ................................................. 3 hours
HIST 499, Independent Study ................................................. 1-4 hours

B.S. Science-related course requirements ................................................. 0

Major Option ................................................. 57
Minimum total hours required coursework ................................................. 102
Unrestricted electives in 125 hour program ................................................. 23
Minimum total hours required for B.S. in Social Science Comprehensive/History Emphasis ................................................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Social Science Comprehensive/History Emphasis Core Requirements (12 hours required)
AT LEAST ONE SURVEY-LEVEL HISTORY COURSE MUST BE WI
Take all of the following:
HIST 250GS, American History ................................................. 3 hours
HIST 251GS, American History ................................................. 3 hours

Bachelor of Science
NSS BS 5703

History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>HIST 463</td>
<td>French Revolution and Napoleon</td>
<td>3</td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td>1-9</td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td>3</td>
</tr>
<tr>
<td>HIST 488</td>
<td>Nineteenth Century Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 489</td>
<td>Fascism and Communism in Twentieth Century Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 490</td>
<td>Twentieth Century Europe</td>
<td>3</td>
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<tr>
<td>HIST 492</td>
<td>Soviet Russia</td>
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<td>HIST 493</td>
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</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Offered by Department of History
History: Social Science Major

History-Social Science Comprehensive Option
Economics, Geography, Political Science, Psychology, Sociology Emphases

Minimum General Studies ................................................. 45
including General Studies coursework required by major

English Language minimum ................................................. 9
Humanities minimum ................................................. 9
Mathematics, Statistics & Computer Science minimum ................................................. 3
Natural Sciences minimum ................................................. 7
Social and Behavioral Sciences minimum ................................................. 9
Personal Development minimum ................................................. 3 including:
CSIS 108GS, Computers in Society ................................................. 3

Minimum total hours required for B.S. in Social Science Comprehensive/History Emphasis ................................................. 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
**B. Social Science Comprehensive/History Emphasis Advanced Courses (18 hours required)**

Take 18 hours from Advanced History Courses. At least 6 hours must be 400-level courses.

1. Social Science Comprehensive/History Emphasis - Senior Seminar

   At the junior or senior level take:
   - HIST 496, Senior Seminar in History: Variable Topics ................................3 hours
   
   Course topic reduces the hours required accordingly in Advanced US History, Advanced European History
   OR Advanced Non-Western History.

2. Advanced US History

   Take 6 hours from:
   - HIST 315, American Military History ........................................3 hours
   - HIST 405, The Plains Indians .....................................................3 hours
   - HIST 406, History and Film .......................................................3 hours
   - HIST 421, Women in America .....................................................3 hours
   - HIST 429, Religion in America ....................................................3 hours
   - HIST 431, Colonial America, 1492-1750 ........................................3 hours
   - HIST 432, Revolutionary America, 1750-1865 .................................3 hours
   - HIST 433, The National Period, 1800-1850 .....................................3 hours
   - HIST 445, The Civil War and Reconstruction ..................................3 hours
   - HIST 456, Regional Field Study ...................................................1-4 hours
   - HIST 471, History of the Pacific Rim ............................................3 hours
   - HIST 473, American Constitutional History I ..................................3 hours
   - HIST 474, American Constitutional History II ..................................3 hours
   - HIST 475, Internship in History ....................................................3 hours
   - HIST 477, American Thought and Culture, 1620-1865 .......................3 hours
   - HIST 478, American Thought and Culture, 1865-1990 .......................3 hours
   - HIST 479, Nebraska and the Great Plains History ............................3 hours
   - HIST 481, North American Frontiers, 1500-1850 ..............................3 hours
   - HIST 482, The American West, 1850-present ....................................3 hours
   - HIST 483, The Gilded Age, 1870-1898 .........................................3 hours
   - HIST 484, The United States, 1898-1941 .......................................3 hours
   - HIST 485, The United States Since 1941 ........................................3 hours
   - HIST 495, Topical Studies ...........................................................3 hours
   - HIST 499, Independent Study .......................................................1-4 hours

3. Advanced European History

   Take 6 hours from:
   - HIST 375, English History ..........................................................3 hours
   - HIST 376, English History ..........................................................3 hours
   - HIST 407, History of Sea Power ....................................................3 hours
   - HIST 408, War and Society ..........................................................3 hours
   - HIST 409, The High Middle Ages, 1050-1350 ..................................3 hours
   - HIST 411, Saints and Sinners ......................................................3 hours
   - HIST 412, Society and Gender in the Middle Ages .............................3 hours
   - HIST 420, Women in Europe .......................................................3 hours
   - HIST 455, Comparative Studies in Ethnic Conflict .............................3 hours
   - HIST 456, Regional Field Study ...................................................1-4 hours
   - HIST 457, British Empire ............................................................3 hours
   - HIST 459, European Expansion and Exploration ................................3 hours
   - HIST 461, Renaissance and Reformation ........................................3 hours
   - HIST 462, Seventeenth and Eighteenth Century Europe ....................3 hours

   HIST 463, French Revolution and Napoleon .......................................3 hours
   HIST 475, Internship in History ....................................................3 hours
   HIST 486, Imperial Russia .............................................................3 hours
   HIST 488, Nineteenth Century Europe .............................................3 hours
   HIST 489, Fascism and Communism in Twentieth Century Europe ..........3 hours
   HIST 490, Twentieth Century Europe .............................................3 hours
   HIST 492, Soviet Russia ...............................................................3 hours
   HIST 493, Modern Eastern Europe ................................................3 hours
   HIST 495, Topical Studies ............................................................3 hours
   HIST 499, Independent Study .......................................................1-4 hours

4. Advanced Non-Western History

   Take 6 hours from:
   - HIST 407, History of Sea Power ..................................................3 hours
   - HIST 408, War and Society ..........................................................3 hours
   - HIST 416, History of Christianity ................................................3 hours
   - HIST 439, Pre-Hispanic and Colonial Latin America .........................3 hours
   - HIST 441, Modern Latin America ................................................3 hours
   - HIST 450, Variable Topics in Latin American History .......................3 hours
   - HIST 451, Comparative Colonialism: Asia and Africa .......................3 hours
   - HIST 452, Colonial India .............................................................3 hours
   - HIST 453, Modern India .............................................................3 hours
   - HIST 455, Comparative Studies in Ethnic Conflict ............................3 hours
   - HIST 456, Regional Field Study ...................................................1-4 hours
   - HIST 457, British Empire ............................................................3 hours
   - HIST 475, Internship in History ....................................................3 hours
   - HIST 486, Imperial Russia ..........................................................3 hours
   - HIST 495, Topical Studies ............................................................3 hours
   - HIST 499, Independent Study .......................................................1-4 hours

C. Social Science Courses-From Economics, Geography, Political Science, Psychology, and Sociology (27 hours required)

Take 15 hours in ONE area, and at least 3 hours in each remaining area to total 27.

1. Economics Emphasis

   Take 3 to 15 hours from ECON 100-ECON 499

2. Geography Emphasis

   Take 3 to 15 hours from GEOG 100-GEOG 499

3. Political Science Emphasis

   Take 3 to 15 hours from PSCI 100-PSCI 499

4. Psychology Emphasis

   Take 3 to 15 hours from PSY 100-PSY 499

5. Sociology Emphasis

   Take 3 to 15 hours from SOC 100-SOC 499

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Offered by Department of History
History-Social Science Major

History 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education NSS BAE 5705

Minimum General Studies .................................................................45

+ General Studies coursework required
by Teacher Education and endorsement ............................................51

English Language minimum ................................................................9 including:
   - ENG 101GS, Expository Writing I ................................................3 hours
   - ENG 102GS, Expository Writing II ..............................................3 hours
   - SPCH 100GS, Fundamentals of Speech Communication ..................3 hours

Humanities minimum .........................................................................12 including:
   (Maximum of 6 hours of HIST courses in this section will count toward the 45 hours General Studies requirement.)

Take all of the following:
   - HIST 250GS, American History ................................................3 hours
   - HIST 251GS, American History ................................................3 hours
Take 6 hours total:
- HIST 210GS, Western Civilization .................. 3 hours
- HIST 211GS, Western Civilization .................. 3 hours

Take 0 to 3 hours from:
- HIST 212GS, Non-Western World History .......... 3 hours
- HIST 215GS, Introduction to Latin America ....... 3 hours

Mathematics, Statistics & Computer Science minimum .......... 3
- Natural Sciences minimum ................................ 7

Social and Behavioral Sciences minimum .......... 9 including:
- Work closely with advisor. Courses from this section may fulfill requirements in section D. below.
- PSCI 110GS, Introduction to American Politics .......... 3 hours

Take any Economic Perspective GS course .......... 3 hours

Take any GS course from:
- Social Perspective,
- Geographical Perspective or
- Behavioral Perspective .................................. 3 hours

Personal Development minimum .................. 3 including:
- PE 160GS, Healthful Living ......................... 3 hours

Professional Sequence .................. 30 including:
- TE 319, Management and Assessment
  in K-12/Secondary Classrooms .................. 2 hours
- TE 320, Field Experience in Secondary Classroom .... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement (in addition to General Studies) ............ 21

Second Subject Endorsement, normally .................. 30

Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework .................. 132

Unrestricted electives in 125 hour program ................. 0

Minimum total hours required for BAE

in History 7-12 Teaching Subject Endorsement ........ 132

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. History Subject Endorsement Core Requirements (3 hours required in addition to General Studies listed above)

AT LEAST ONE SURVEY-LEVEL HISTORY COURSE MUST BE WI

Take all of the following:
- HIST 250GS, American History .................. 3 hours
- HIST 251GS, American History .................. 3 hours
- SOSC 370, Social Science of the High School .... 3 hours

Take 6 hours total:

Take 3 to 6 hours from:
- HIST 210GS, Western Civilization .................. 3 hours
- HIST 211GS, Western Civilization .................. 3 hours

Take 0 to 3 hours from:
- HIST 212GS, Non-Western World History .......... 3 hours
- HIST 215GS, Introduction to Latin America ....... 3 hours

B. History Subject Endorsement Advanced Courses
(18 hours required)

Take 18 hours from Advanced History Courses; at least 9 hours of the advanced history hours must be 400 level courses.

1. History Subject Endorsement Option - Senior Seminar

At the junior or senior level take:

- HIST 496, Senior Seminar in History: Variable Topics .... 3 hours

Course topic reduces the hours required accordingly

in Advanced US History, Advanced European History
OR Advanced Non-Western History.

2. Advanced US History

Take 9 hours from:
- HIST 315, American Military History ................ 3 hours
- HIST 405, The Plains Indians .................. 3 hours

- HIST 406, History and Film .................. 3 hours
- HIST 421, Women in America .................. 3 hours
- HIST 429, Religion in America ................. 3 hours
- HIST 431, Colonial America, 1492-1750 .......... 3 hours
- HIST 432, Revolutionary America, 1750-1800 .... 3 hours
- HIST 433, The National Period, 1800-1850 .... 3 hours
- HIST 445, The Civil War and Reconstruction .... 3 hours
- HIST 456, Regional Field Study .................. 1-4 hours
- HIST 471, History of the Pacific Rim .......... 3 hours
- HIST 473, American Constitutional History I .... 3 hours
- HIST 474, American Constitutional History II .... 3 hours
- HIST 475, Internship in History .................. 1-9 hours
- HIST 477, American Thought and Culture, 1620-1865 .... 3 hours
- HIST 478, American Thought and Culture, 1865-1900 .... 3 hours
- HIST 483, The Gilded Age, 1870-1898 .......... 3 hours
- HIST 484, The United States, 1898-1941 .... 3 hours
- HIST 485, The United States Since 1941 .... 3 hours
- HIST 495, Topical Studies .................. 3 hours
- HIST 499, Independent Study .................. 1-4 hours

3. Advanced Non-US History

Take 9 hours from:

A. Advanced Non-Western History Courses

Take 3 to 9 hours from:
- HIST 407, History of Sea Power .................. 3 hours
- HIST 408, War and Society .................. 3 hours
- HIST 416, History of Christianity .......... 3 hours
- HIST 439, Pre-Hispanic and Colonial Latin America .... 3 hours
- HIST 441, Modern Latin America ................. 3 hours
- HIST 450, Variable Topics in Latin American History .... 3 hours
- HIST 451, Comparative Colonialism: Asia and Africa .... 3 hours
- HIST 452, Colonial India .................. 3 hours
- HIST 453, Modern India .................. 3 hours
- HIST 455, Comparative Studies in Ethnic Conflict .... 3 hours
- HIST 456, Regional Field Study .................. 1-4 hours
- HIST 457, British Empire .................. 3 hours
- HIST 475, Internship in History .................. 1-9 hours
- HIST 486, Imperial Russia .................. 3 hours
- HIST 495, Topical Studies .................. 3 hours
- HIST 499, Independent Study .................. 1-4 hours

B. Advanced European History Courses

Take 0 to 6 hours from:
- HIST 375, English History .................. 3 hours
- HIST 376, English History .................. 3 hours
- HIST 407, History of Sea Power .................. 3 hours
- HIST 408, War and Society .................. 3 hours
- HIST 409, The High Middle Ages, 1050-1350 .... 3 hours
- HIST 411, Saints and Sinners .................. 3 hours
- HIST 412, Society and Gender in the Middle Ages .... 3 hours
- HIST 420, Women in Europe .................. 3 hours
- HIST 455, Comparative Studies in Ethnic Conflict .... 3 hours
- HIST 456, Regional Field Study .................. 1-4 hours
- HIST 457, British Empire .................. 3 hours
- HIST 459, European Expansion and Exploration .... 3 hours
- HIST 461, Renaissance and Reformation .... 3 hours
- HIST 462, Seventeenth and Eighteenth Century .... 3 hours

Europe .................. 3 hours
- HIST 463, French Revolution and Napoleon .... 3 hours
- HIST 486, Imperial Russia .................. 3 hours
C. History Subject Endorsement Supporting Courses
(6 hours required.)

(May count towards General Studies requirements. Work closely with advisor.)

Take 8 hours total:

Take 3 to 6 hours from (may count as General Studies):
- GEOG 104GS, World Regional Geography ..........3 hours
- GEOG 106GS, Cultural Geography .................3 hours

Take 0 to 3 hours from:
- PSCI 110GS, Introduction to American Politics ..........3 hours
- SOC 250GS, Anthropology ........................3 hours

Offered by Department of History
History Social Science Major
Social Science 7-12 Teaching Field Endorsement Option

Bachelor of Arts in Education
NSS BAE 5706

Minimum General Studies ..................................................45

+ General Studies coursework required
by Teacher Education and endorsement ..................51

English Language minimum ........................................9 including:
- ENG 101GS, Expository Writing I .........3 hours
- ENG 102GS, Expository Writing II ........3 hours
- SPC 100GS, Fundamentals of Speech Communication ..........3 hours

Humanities minimum ................................................12 including:
- Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.

Take all of the following:
- HIST 250GS, American History .........................3 hours
- HIST 251GS, American History ........................3 hours

Take 6 hours total:

Take 3 to 6 hours from:
- HIST 210GS, Western Civilization ..........3 hours
- HIST 211GS, Western Civilization ..........3 hours

Take 0-3 hours from:
- HIST 212GS, Non-Western World History ..........3 hours
- HIST 215GS, Introduction to Latin America ..........3 hours

Mathematics, Statistics & Computer Science minimum ..........3

Natural Sciences minimum ........................................7 including:

Take one from:
- ECON 270GS, Principles of Economics, Macroeconomics ..........3 hours
- ECON 271GS, Principles of Economics, Microeconomics ..........3 hours

Take one course:
- PSY 203GS, General Psychology .........................3 hours
- SOC 100GS, Introduction to Sociology ....................3 hours
- SOC 250GS, Anthropology ........................3 hours

Take one course:
- PSCI 110GS, Introduction to American Politics ..........3 hours
- Personal Development minimum .................3 including:
- PE 160GS, Healthful Living ........................3 hours

Professional Sequence .....................................30 including:
- TE 319, Management and Assessment
  in K-12/Secondary Classrooms .........................2 hours
- TE 320, Field Experience in Secondary Classroom ..........2 hours
  Students must apply for admission to all Teacher Education programs.

Endorsement (in addition to General Studies) ...........41-42

Minimum total hours required coursework .............122-123

Unrestricted electives in 125 hour program ..........2-3

Minimum total hours required for BAE
in Social Science 7-12 Teaching Field Endorsement ..........125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Social Science Field Endorsement Core Requirements
(3 hours required in addition to General Studies listed above)

AT LEAST ONE SURVEY-LEVEL HISTORY COURSE MUST BE WI

Take all of the following:
- HIST 250GS, American History .........................3 hours
- HIST 251GS, American History ........................3 hours
- HIST 370, Social Science of the High School ..........3 hours

Take 6 hours total:

Take 3 to 6 hours from:
- HIST 210GS, Western Civilization ..........3 hours
- HIST 211GS, Western Civilization ..........3 hours

Take 0-3 hours from:
- HIST 212GS, Non-Western World History ..........3 hours
- HIST 215GS, Introduction to Latin America ..........3 hours

B. Social Science Field Endorsement Advanced Courses
(12 hours required in addition to General Studies listed above)

Take 12 hours from Advanced History Courses. At least 6 hours of the advanced history hours must be 400 level courses.

1. Social Science Field Endorsement Option - Senior Seminar

At the junior or senior level take:
- HIST 496, Senior Seminar in History: Variable Topics ..........3 hours

Course topic reduces the hours required accordingly in
Advanced US History, OR Advanced Non-U.S. History.

2. Advanced US History

Take 6 hours from:
- HIST 315, American Military History .........................3 hours
- HIST 405, The Plains Indians ................................3 hours
- HIST 406, History and Film ................................3 hours
- HIST 421, Women in America ................................3 hours
- HIST 429, Religion in America ..........................3 hours
- HIST 431, Colonial America, 1492-1750 ..................3 hours
- HIST 432, Revolutionary America, 1750-1800 ............3 hours
- HIST 433, The National Period, 1800-1850 ...............3 hours
- HIST 445, The Civil War and Reconstruction ..............3 hours
- HIST 456, Regional Field Study ................................3 hours
- HIST 471, History of the Pacific Rim ......................3 hours
- HIST 473, American Constitutional History I ..............3 hours
- HIST 474, American Constitutional History II ............3 hours
- HIST 475, Internship in History ............................3 hours
- HIST 477, American Thought and Culture, 1620-1865 ....3 hours
- HIST 478, American Thought and Culture, 1865-1990 ....3 hours
- HIST 479, Nebraska and the Great Plains History ..........3 hours
- HIST 481, North American Frontiers, 1500-1850 ..........3 hours
- HIST 482, The American West, 1850-present .............3 hours
- HIST 483, The Gilded Age, 1870-1898 ....................3 hours
- HIST 484, The United States, 1898-1941 ..................3 hours
- HIST 485, The United States Since 1941 ...................3 hours
- HIST 496, Topical Studies ................................3 hours
- HIST 499, Independent Study ................................1-4 hours
3. Advanced Non-US History
Take 6 hours from:
HIST 375, English History ........................................... 3 hours
HIST 376, English History ........................................... 3 hours
HIST 407, History of Sea Power ................................... 3 hours
HIST 408, War and Society ......................................... 3 hours
HIST 409, The High Middle Ages, 1050-1350 ............... 3 hours
HIST 411, Saints and Sinners .................................... 3 hours
HIST 412, Society and Gender in the Middle Ages ........ 3 hours
HIST 416, History of Christianity .............................. 3 hours
HIST 420, Women in Europe .................................... 3 hours
HIST 439, Pre-Hispanic and Colonial Latin America ...... 3 hours
HIST 441, Modern Latin America .............................. 3 hours
HIST 450, Variable Topics in Latin American History .... 3 hours
HIST 451, Comparative Colonialism: Asia and Africa .... 3 hours
HIST 452, Colonial India ......................................... 3 hours
HIST 453, Modern India ......................................... 3 hours
HIST 455, Comparative Studies in Ethnic Conflict ....... 3 hours
HIST 456, Regional Field Study ................................. 1-4 hours
HIST 457, British Empire ......................................... 3 hours
HIST 459, European Expansion and Exploration ........ 3 hours
HIST 461, Renaissance and Reformation ..................... 3 hours
HIST 462, Seventeenth and Eighteenth Century
Europe .................................................................. 3 hours
HIST 463, French Revolution and Napoleon ............... 3 hours
HIST 475, Internship in History ................................ 1-9 hours
HIST 486, Imperial Russia ....................................... 3 hours
HIST 488, Nineteenth Century Europe ........................ 3 hours
HIST 489, Fascism and Communism in Twentieth Century Europe ........................................ 3 hours
HIST 490, Twentieth Century Europe ........................ 3 hours
HIST 492, Soviet Russia .......................................... 3 hours
HIST 493, Modern Eastern Europe ............................. 3 hours
HIST 495, Topical Studies ........................................... 3 hours
HIST 499, Independent Study ..................................... 1-4 hours

C. Social Science Field Endorsement Emphasis Areas
(8-9 hours required in addition to hours taken in General Studies)

Take ONE of the following options:

1. Economics Emphasis (12 hours required)
EP 3051
Take:
ECON 270GS, Principles of Economics, Macroeconomics ............................................. 3 hours
ECON 271GS, Principles of Economics, Microeconomics ............................................... 3 hours
Take 6 hours from:
ECON 300-ECON 499

2. Geography Emphasis (12 hours required)
EP 3052
Take 7 hours total:
Take 1 course from:
GEOG 101GS, Physical Geography I: The Atmosphere...4 hours (with lab)
GEOG 102GS, Physical Geography II: The Lithosphere...4 hours (with lab)
Take 1 course from:
GEOG 104GS, World Regional Geography .............. 3 hours
GEOG 106GS, Human Geography ............................ 3 hours
Take 5 hours total:
One course from:
GEOG 340-GEOG 349 or GEOG 440-GEOG 441
One additional course from:
GEOG 300-GEOG 499

3. Political Science Emphasis (12 hours required)
EP 3053
Take 2 courses from:
PSCI 110GS, Introduction to American Politics ............. 3 hours
PSCI 140GS, Introduction to Comparative Politics ....... 3 hours
PSCI 168GS, Introduction to International Relations .... 3 hours
PSCI 170GS, Introduction to Political Thought .......... 3 hours
Take 1 course from:
PSCI 361, State and Local Government .................... 3 hours
PSCI 370, American Foreign Policy ............................ 3 hours
Take 1 additional course from:
PSCI 300-PSCI 499

4. Psychology Emphasis (12 hours required)
EP 3054
Take 1 course:
PSY 203GS, General Psychology ........................................ 3 hours
Take 9 hours from:
PSY 310, Learning and Conditioning ......................... 3 hours
PSY 312, Sensation and Perception .......................... 3 hours
PSY 313, Physiological Psychology .......................... 3 hours
PSY 318, Experimental Social Psychology ................. 3 hours
PSY 370, History and Systems of Psychology .............. 3 hours
PSY 406, Theories of Personality ................................... 3 hours
PSY 430, Memory and Cognition ............................ 3 hours
PSY 450, Psychometrics ........................................... 3 hours
PSY 453, Developmental Psychology .......................... 3 hours
PSY 455, Adolescent Psychology .............................. 3 hours

5. Sociology Emphasis (12 hours required)
EP 3055
Take 2 courses from:
SOC 100GS, Introduction to Sociology ......................... 3 hours
SOC 250GS, Anthropology ............................................ 3 hours
Take 6 hours from:
SOC 300-SOC 499

E. Social Science Field Endorsement Distribution Requirements
(18 hours required in addition to hours taken in General Studies)
Take 18 hours (in addition to General Studies required by endorsement) from social sciences other than History or the Emphasis Area. The 18 hours must be distributed as follows:

3 hours from each discipline beyond General Studies requirements. (6 total hours in each discipline)
6 elective hours from any discipline(s) at the 300-400 level.

1. Economics
Take 2 courses:
ECON 270GS, Principles of Economics, Macroeconomics ............................................. 3 hours
ECON 271GS, Principles of Economics, Microeconomics ............................................... 3 hours
Take 0-6 hours from ECON 300-ECON 499

2. Geography
Take 1 course from:
GEOG 104GS, World Regional Geography .............. 3 hours
GEOG 106GS, Human Geography ............................ 3 hours
Take 0-6 hours from GEOG 300-GEOG 499
3. Political Science
   Take 2 courses from:
   - PSCI 110GS, Introduction to American Politics ..........3 hours
   - PSCI 140GS, Introduction to Comparative Politics ..........3 hours
   - PSCI 168GS, Introduction to International Relations ......3 hours
   - PSCI 170GS, Introduction to Political Thought ..........3 hours
   Take 0-6 hours from PSCI 300-PSCI 499

4. Psychology
   Take 3 courses from:
   - PSY 230GS-PSY 499
   - Take 0-6 hours from PSY 300-PSY 499

5. Sociology
   Take 2 courses from:
   - SOC 100GS, Introduction to Sociology ....................3 hours
   - SOC 250GS, Anthropology ....................................3 hours
   Take 0-6 hours from SOC 300-SOC 499

Offered by Department of History

History Minor

MN 1057
Minimum hours required for minor ......................................24

A. Requirements (9 hours required)
   Take one of the following:
   - HIST 250GS, American History .............................3 hours
   - HIST 251GS, American History .............................3 hours
   Take one of the following:
   - HIST 210GS, Western Civilization .........................3 hours
   - HIST 211GS, Western Civilization .........................3 hours
   Take one of the following:
   - HIST 212GS, Non-Western World History ................3 hours
   - HIST 215GS, Introduction to Latin America ..............3 hours

B. Electives (15 hours required)
   Take 3 hours electives at the 200 level
   Take 12 hours electives at the 300-400 level

Offered by Department of History

Social Science Minor-Elementary Education

MN 1065
Minimum hours required for minor ......................................24

A. Requirements (12 hours required)
   Take all of the following:
   - American History ..............................................3 hours
   - Geography ....................................................3 hours
   - Non-U.S. History .............................................3 hours
   - Political Science .............................................3 hours

B. Electives (12 hours required)
   Take 12 hours from ECON, GEOG, HIST, PSCI, PSY, SOC.
   Recommended for those planning to teach in the fourth through eighth grades:
   - HIST 405, The Plains Indians ..............................3 hours
   - HIST 478, American Thought and Culture, 1865-1990 ....3 hours
   - HIST 479, Nebraska and the Great Plains History ......3 hours
   - HIST 481, North American Frontiers, 1500-1850 ..........3 hours
   - HIST 482, The American West, 1850-present .............3 hours

College of Business and Technology

Department of Industrial Technology

Tim Obermier, Chair
Professors: L. Kuskie, K. Larson, Obermier, Tuttle
Associate Professors: Meznarich, Shava
Senior Lecturers: S. Amundson, Gibbs
Lecturers: Barry, S. Jochum
Internship Director: B. Jochum

Department Objectives:
- To prepare students for management careers in aviation systems, construction, industrial distribution, and telecommunications;
- To provide courses for attaining knowledge of industrial technology and related areas;
- To provide courses which support and enrich the academic curricula and general education;
- To provide courses for students interested in transferring to such programs as engineering, architecture, and education.

College of Business and Technology Graduation Requirements
All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

INDUSTRIAL TECHNOLOGY MAJOR
Four options are available in this major:
- I. Construction Management Comprehensive Option - Bachelor of Science Degree
- II. Industrial Distribution Comprehensive Option - Bachelor of Science Degree
- III. Telecommunications Management Comprehensive Option - Bachelor of Science Degree
- IV. Industrial Technology Option - Bachelor of Science Degree

AVIATION SYSTEMS MANAGEMENT COMPREHENSIVE MAJOR
One option is available in this major:
- Aviation Systems Management Comprehensive - Bachelor of Science Degree

Minors in Industrial Safety, Industrial Technology, and Safety Education are available for students pursuing majors in other disciplines. A minor in Telecommunications is available for Business, Computer Science & Information Systems Majors.

The department also offers a Supplemental Endorsement in Driver Education.

Courses with the prefix ITEC and SFED are offered by the department. See pages 222 (ITEC) and 247 (SFED).

Safety Center

Sherry Morrow, Interim Director
Assistant Professor: Morrow

Program Objective:
"...increased training and research activity in fields of traffic safety, home safety, industrial safety, fire safety, and recreational safety..."
Bachelor of Science  BT BS 1516
All College of Business and Technology Graduation Requirements must be fulfilled.

A. Technology Core Requirements (11 hours required)

Take all of the following:
ITEC 110, Introduction to Technology .......................... 1 hour
ITEC 120, Engineering Design Graphics......................... 4 hours
ITEC 130, Technology Today ...................................... 3 hours
ITEC 290, Training and Instructional Systems.................. 3 hours

B. Construction Core Requirements (37 hours required)

Take all of the following:
ITEC 205, Architectural Graphics ............................... 3 hours
ITEC 230, Statics and Strength of Materials .................... 3 hours
ITEC 240, Construction Design and Processes ................ 3 hours
ITEC 250, Construction Surveying .............................. 2 hours
ITEC 310, Construction Estimating ............................ 3 hours
ITEC 341, Mechanical and Electrical Systems ................ 3 hours
ITEC 360, Construction Building Systems ...................... 4 hours
(Prereq: ITEC 240, ITEC 341, PHYS 100GS)
ITEC 370, Construction Scheduling ............................ 3 hours
ITEC 398, Advanced Architectural Graphics .................. 3 hours
ITEC 445, Construction Control Systems ....................... 3 hours
ITEC 498, Seminar in Construction Management ............. 3 hours
SFED 436, Organization, Administration, and Supervision of Safety Programs .................. 3 hours
SPAN 103, Spanish for Special Purposes ...................... 1 hour

C. Management Core Requirements (15 hours required)

Take all of the following:
ITEC 308, Industrial Management ................................ 3 hours
ITEC 408, Leadership in Business and Technology ............ 3 hours
BACC 250, Principles of Accounting I .......................... 3 hours
BACC 311, Business Law ........................................ 3 hours
BFIN 344, Real Estate Principles .................................. 3 hours

D. Internship Requirement (12 hours required)

Take 12 hours from:
ITEC 475, Internship .............................................. 12 hours
Junior class standing and a GPA of 2.5 in major courses are required before registering for the Internship.

Bachelor of Science  BT BS 1510
All College of Business and Technology Graduation Requirements must be fulfilled.

A. Technology Core Requirements (11 hours required)

Take all of the following:
ITEC 110, Introduction to Technology .......................... 1 hour
ITEC 120, Engineering Design Graphics......................... 4 hours
ITEC 130, Technology Today ...................................... 3 hours
ITEC 290, Training and Instructional Systems.................. 3 hours

B. Construction Core Requirements (37 hours required)

Take all of the following:
ITEC 205, Architectural Graphics ............................... 3 hours
ITEC 230, Statics and Strength of Materials .................... 3 hours
ITEC 240, Construction Design and Processes ................ 3 hours
ITEC 250, Construction Surveying .............................. 2 hours
ITEC 310, Construction Estimating ............................ 3 hours
ITEC 341, Mechanical and Electrical Systems ................ 3 hours
ITEC 360, Construction Building Systems ...................... 4 hours
(Prereq: ITEC 240, ITEC 341, PHYS 100GS)
ITEC 370, Construction Scheduling ............................ 3 hours
ITEC 398, Advanced Architectural Graphics .................. 3 hours
ITEC 445, Construction Control Systems ....................... 3 hours
ITEC 498, Seminar in Construction Management ............. 3 hours
SFED 436, Organization, Administration, and Supervision of Safety Programs .................. 3 hours
SPAN 103, Spanish for Special Purposes ...................... 1 hour

C. Management Core Requirements (15 hours required)

Take all of the following:
ITEC 308, Industrial Management ................................ 3 hours
ITEC 408, Leadership in Business and Technology ............ 3 hours
BACC 250, Principles of Accounting I .......................... 3 hours
BACC 311, Business Law ........................................ 3 hours
BFIN 344, Real Estate Principles .................................. 3 hours

D. Internship Requirement (12 hours required)

Take 12 hours from:
ITEC 475, Internship .............................................. 12 hours
Junior class standing and a GPA of 2.5 in major courses are required before registering for the Internship.
09-10

Industrial Technology

ITEC 272, Industrial Products & Applications II .............................. 3 hours
ITEC 320, Applied Electronics .................................................. 3 hours
ITEC 351, Automated Devices and Systems ................................. 3 hours
ITEC 451, Manufacturing/Distribution Relationships ................... 3 hours
ITEC 452, Industrial Distribution Branch Operations .................... 3 hours
ITEC 490, Industrial Distribution Seminar ................................. 3 hours
SFED 435, Occupational Safety and Health ............................... 3 hours

C. Business Core Requirements (18 hours required)

Take all of the following:
ITEC 308, Industrial Management ........................................... 3 hours
ITEC 408, Leadership in Business and Technology ....................... 3 hours
BACC 250, Principles of Accounting I .................................... 3 hours
BMKT 300, Principles of Marketing .......................................... 3 hours
BMKT 331, Professional Selling .............................................. 3 hours
BSED 295, Business Communications ................................. 3 hours

D. Internship (12 hours required)

Take 12 hours from:
ITEC 475, Internship ......................................................... 12 hours
Junior class standing and a GPA of 2.5 in major courses are required before registering for the Internship.

Offered by Department of Industrial Technology
Industrial Technology Major

Telecommunications Management Comprehensive Option

Bachelor of Science  BT BS 1506
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies .................................................. 45
including General Studies coursework required by major
English Language minimum .................................................. 9
Humanities minimum .......................................................... 9
Mathematics, Statistics & Computer Science minimum... 6 including:
  MATH 102*, College Algebra ........................................... 3 hours
Take 1 course from:
  MATH 103*, Plane Trigonometry ........................................ 3 hours
  MATH 123, Applied Calculus I .......................................... 3 hours
*Students with sufficient preparation may enter the mathematics program at a higher level allowing more electives in the General Studies program.

Natural Sciences minimum ................................................. 7 including:
  PHYS 100GS, Society and Technology .................................. 3 hours
  Personal Development minimum ....................................... 2

BS Science-related course requirements ................................ 0
Major Option ................................................................. 70

Minimum total hours required coursework ............................. 115
Unrestricted electives in 125 hour program .............................. 10

Minimum total hours required for BS
in Telecommunications Comprehensive .............................. 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
A minimum 2.5 departmental GPA is required for graduation.

A. Technology Core Requirements (11 hours required)

Take all of the following:
ITEC 110, Introduction to Technology ................................... 1 hour
ITEC 120, Engineering Design Graphics ................................ 4 hours
ITEC 130, Technology Today ............................................. 3 hours
ITEC 290, Training and Instructional Systems ........................ 3 hours

B. Telecommunications Core Requirements (35 hours required)

Take all of the following:
ITEC 150GS, Telecommunications Literacy ........................... 3 hours
ITEC 220, Electricity/Electronics ........................................... 3 hours
ITEC 320, Applied Electronics ............................................ 3 hours
ITEC 330, Telecommunications Preceptorial ........................... 4 hours
ITEC 335, Telecommunications Basic Concepts ....................... 3 hours
ITEC 345, Transmission Systems in Communication ............... 4 hours
ITEC 390, Telecommunications Law ..................................... 3 hours
ITEC 430, Telecommunications Systems ............................... 3 hours
ITEC 435, Network Data Communication Systems .................. 3 hours
ITEC 485, Telecommunications Seminar ............................. 3 hours
SFED 435, Occupational Safety and Health .......................... 3 hours

C. Management Core Requirements (12 hours required)

Take all of the following:
ITEC 308, Industrial Management ....................................... 3 hours
ITEC 408, Leadership in Business and Technology ................... 3 hours
BACC 250, Beginning Accounting I ..................................... 3 hours
BMKT 300, Principles of Marketing ...................................... 3 hours

D. Internship Requirement (12 hours required)

Take 12 hours from:
ITEC 475, Internship .......................................................... 12 hours
Junior class standing and a GPA of 2.5 in major courses are required before registering for the Internship.

Offered by Department of Industrial Technology
Industrial Technology Major

Industrial Technology Option

Bachelor of Science  BT BS 1514
All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies .................................................. 45
including General Studies coursework required by major
English Language minimum .................................................. 9
Humanities minimum .......................................................... 9
Mathematics, Statistics & Computer Science minimum... 6 including:
  MATH 102*, College Algebra ........................................... 3 hours
Take 1 course from:
  MATH 103*, Plane Trigonometry ........................................ 3 hours
  MATH 123, Applied Calculus I .......................................... 3 hours
*Students with sufficient preparation may enter the mathematics program at a higher level.

Natural Sciences minimum .................................................. 7
Social and Behavioral Sciences minimum ................................ 9 including:
  (Recommended: May increase total hours needed to complete General Studies)
ITEC 210GS, Society and Technology .................................. 3 hours

BS Science-related course requirements ................................ 0
Major Option ................................................................. 36
Minor or 2nd Major, minimum .............................................. 24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ............................. 105
Unrestricted electives in 125 hour program .............................. 20

Minimum total hours required for BS in Industrial Technology 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
A minimum 2.5 departmental GPA is required for graduation.
## A. Industrial Technology Requirements (17 hours required)

Take all of the following:

- ITEC 110, Introduction to Technology ......................... 1 hour
- ITEC 120, Engineering Design Graphics .................. 4 hours
- ITEC 130, Technology Today ................................ 3 hours
- ITEC 308, Industrial Management ........................... 3 hours
- ITEC 408, Leadership in Business and Technology .......... 3 hours
- SFED 435, Occupational Safety and Health ............... 3 hours

## B. Technology Core Requirements (19 hours required)

Take 19 hours from:

- ITEC 150GS, Telecommunications Literacy ................ 3 hours
- ITEC 205, Architectural Graphics .......................... 3 hours
- ITEC 220, Electricity/Electronics ............................ 3 hours
- ITEC 230, Statics and Strength of Materials .............. 3 hours
- ITEC 240, Construction Design and Processes ......... 3 hours
- ITEC 251, Machine Tool Products and Application .... 3 hours
- ITEC 271, Industrial Products & Applications I ....... 3 hours  
  (Prerequisite: PHYS 100GS)
- ITEC 272, Industrial Products & Applications II ....... 3 hours  
  (Prerequisite: ITEC 271)
- ITEC 290, Training and Instructional Systems .......... 3 hours
- ITEC 341, Mechanical and Electrical Systems ........ 3 hours
- ITEC 351, Automated Devices and Systems ............ 3 hours  
  (Prerequisites: ITEC 120, ITEC 251, MATH 102)
- ITEC 360, Construction Building Systems ............. 4 hours  
  (Prerequisites: ITEC 240, ITEC 341, PHYS 100GS)
- ITEC 451, Manufacturing/Distribution Relationships ... 3 hours  
  (Prerequisite: ITEC 251)

## Aviation Systems Management Comprehensive

**Bachelor of Science**

- **BT BS 1517**

  **Minimum General Studies** ........................................... 45
  + **General Studies coursework required by major** ........ 52
  - **English Language minimum** ........................................... 9
  - **Humanities minimum** .................................................. 9
  - **Mathematics, Statistics & Computer Science minimum... 9 including:**
    - (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)
  - MATH 102*, College Algebra ........................................... 3 hours
  - MATH 103*, Plane Trigonometry ..................................... 3 hours
  - MATH 123, Applied Calculus I ........................................... 3 hours
  * Students with sufficient preparation may enter the mathematics program at a higher level.
  - **Natural Sciences minimum** ........................................ 13 including:
    - GEOG 209GS, Meteorology .......................................... 3 hours
    - PHYS 205GS, General Physics ..................................... 5 hours
  - **Social and Behavioral Sciences minimum** ................ 9 including:
    - ECON 271GS, Principles of Economics, Microeconomics ... 3 hours
    - **Personal Development minimum** ................................. 3 including:
      - ITEC 150GS, Telecommunication Literacy ................ 3 hours
  - **BS Science-related course requirements** .................. 0
  - **Major Option** ........................................................ 60-61
  - **Minimum total hours required coursework** ........... 112-113
  - **Unrestricted electives in 125 hour program** .......... 12-13
  - **Minimum total hours required for BS** ................. 125

  All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

  A minimum 2.5 departmental GPA is required for graduation.

## Industrial Technology and Aviation Systems Management Comprehensive

**Offered by Department of Industrial Technology**

**Aviation Systems Management Comprehensive**

**Industrial Technology**

**MN 1062**

**Minimum hours required for minor** .................. 24

**Requirements**

Take all of the following:

- SFED 435, Occupational Safety and Health ............... 3 hours
- SFED 436, Organization, Administration, and Supervision of Safety Programs ........................................ 3 hours
- SFED 477, Accident/Incident Investigation and Analysis .... 3 hours

**Industrial Technology**

**Aviation Systems Management Comprehensive - Technology Core Requirements (11 hours required)**

Take all of the following:

- ITEC 110, Introduction to Technology ......................... 1 hour
- ITEC 120, Engineering Design Graphics .................. 4 hours
- ITEC 130, Technology Today ................................ 3 hours
- ITEC 290, Training and Instructional Systems ......... 3 hours

**Aviation Systems Management Comprehensive - Business Core Requirements (15 hours required)**

Take all of the following:

- ITEC 308, Industrial Management ........................... 3 hours
- ITEC 408, Leadership in Business and Technology ........ 3 hours
- BACC 250, Principles of Accounting I ..................... 3 hours
- BSED 295, Business Communications ..................... 3 hours
- ECON 465, Economics of Transportation ................ 3 hours

**Aviation Systems Management Comprehensive - Aviation Core Requirements (16 hours required)**

Take all of the following:

- ITEC 170, Private Pilot Theory ................................ 3 hours
- ITEC 171, Introduction to Flight .......................... 1 hour
- ITEC 291, Instrument Pilot Theory ......................... 3 hours
- ITEC 391, Aviation Law ........................................ 3 hours
- ITEC 392, Aviation Airport Management .................. 3 hours
- ITEC 393, Aviation Safety .................................... 3 hours

**Aviation Systems Management Comprehensive - Emphasis Area (18-19 hours required)**

Select ONE of the following emphases.

**Flight Operations Emphasis (19 hours required)**

- BACC 251, Principles of Accounting II .................. 3 hours
- BMGT 380, Principles of Finance .......................... 3 hours
- BMGT 355, Organizational Behavior ....................... 3 hours
- BMGT 380, Human Resource Management ............... 3 hours
- BMKT 300, Principles of Marketing ......................... 3 hours

Note: All flight training for students admitted to the University of Nebraska at Kearney Aviation Systems Management Program will be conducted in accordance with the UNK Aviation Systems Management Program Student Handbook. This handbook contains all policies and procedures governing flight training. The handbook also specifies procedures which must be followed by student and trainees. All flight certificates and ratings obtained from an approved college or university.
Industrial Technology

**Minimum hours required for minor:** 25

### A. Technology Core Requirements (13 hours required)
Take all of the following:
- ITEC 120, Engineering Design Graphics 4 hours
- ITEC 130, Technology Today 3 hours
- ITEC 290, Training and Instructional Systems 3 hours
- ITEC 308, Industrial Management 3 hours

### B. Systems Core Requirements (12 hours required)
Take ONE emphasis area:
1. **Construction Management (12 hours required)**
   - Take all of the following:
     - ITEC 230, Statics and Strength of Materials 3 hours
     - ITEC 240, Construction Design and Processes 3 hours
     - ITEC 310, Construction Estimating 3 hours
     - ITEC 341, Mechanical and Electrical Systems 3 hours
     - (Prereq: ITEC 130, ITEC 240, MATH 103)
2. **Industrial Distribution (12 hours required)**
   - Take all of the following:
     - ITEC 220, Electricity/Electronics 3 hours
     - ITEC 251, Machine Tool Products and Application 3 hours
     - ITEC 351, Automated Devices and Systems 3 hours
     - (Prereq: ITEC 120, ITEC 251, MATH 102)
     - ITEC 451, Manufacturing/Distribution Relationships 3 hours
3. **Industrial Technology (12 hours required)**
   - Take all of the following:
     - ITEC 220, Electricity/Electronics 3 hours
     - ITEC 408, Leadership in Business and Technology 3 hours
     - BMKT 300, Principles of Marketing 3 hours
     - SFED 435, Occupational Safety and Health 3 hours

Minimum hours required for endorsement: 9

- SFED 299, Independent Studies in Safety 3 hours
- SFED 402, Teaching Safety in Elementary Schools 3 hours
- SFED 499, Individual Research in Safety 3 hours
- ITEC 425, Human Factors in Safety 3 hours
- ITEC 475, Internship 3-12 hours
  (Prereq: ITEC 308, GPA of 2.5, junior standing)
- ITEC 499, Independent Study and Research in Industrial Technology 1-6 hours

**Telecommunication Minor**

**Minimum hours required for minor:** 23

**Requirements**
Take all of the following:
- ITEC 330, Telecommunications Preceptorial 4 hours
- ITEC 335, Telecommunications Basic Concepts 3 hours
- ITEC 345, Transmission Systems in Communication 4 hours
- ITEC 390, Telecommunications Law 3 hours
- ITEC 430, Telecommunications Systems 3 hours
- ITEC 435, Network Data Communication Systems 3 hours
- ITEC 485, Telecommunications Seminar 3 hours

**General Studies required by minor:**
These general studies courses may add to the total number of hours required in the general studies program if additional specific general studies courses are required by the student’s major.
- ITEC 150GS, Telecommunication Literacy 3 hours
- PHYS 100GS, Physical Science 4 hours

**Supplemental Endorsement in Driver Education**

**Offered by Department of Industrial Technology**

**Professional Teaching Certificate Option**

**International Studies Program**

Carol Lilly, Interim Director
The major/minor in International Studies are interdisciplinary and lead to a Bachelor of Arts degree. The program is designed for students preparing for graduate and pre-professional programs in civil service, foreign service, and foreign trade or for graduate work in international studies.

**Minimum hours required for endorsement:** 9

1. A teaching certificate with an endorsement in another subject field.
2. A Nebraska driver’s license.
3. A minimum driving record of two years and 20,000 miles free from repeated chargeable accidents and/or traffic violations.
4. Coursework.

Take all of the following:
- SFED 310, Driving Task Analysis 3 hours
- SFED 430, Developing Driver Education Classroom Skills 3 hours
- SFED 431, Developing Driver Education Vehicle Skills 3 hours
- SFED 435, Occupational Safety and Health 3 hours
- SFED 436, Organization, Administration, and Supervision of Safety Programs 3 hours
- SFED 438, Teaching the Use of the Multiple Vehicle Range 1 hour
- SFED 439, Teaching Simulator Instruction 1 hour
- PE 260GS, First Aid, Responding to Emergencies 2 hours

Take 5 hours from:
- SFED 299, Independent Studies in Safety 1-3 hours
- SFED 420, Teaching Safety in Elementary Schools 3 hours
- SFED 499, Individual Research in Safety 1-3 hours
- ITEC 425, Human Factors in Safety 3 hours
- ITEC 475, Internship 3-12 hours
  (Prereq: ITEC 308, GPA of 2.5, junior standing)
- ITEC 499, Independent Study and Research in Industrial Technology 1-6 hours
INTERNATIONAL STUDIES MAJOR

One option is available in this major:

- International Studies - Bachelor of Arts Degree

International Studies also offers a minor. Courses with the prefix INTS are offered by the department. See page 222.

Offered by International Studies Program

International Studies

Bachelor of Arts FAH BA 3803

Minimum General Studies .......................................................45

including General Studies coursework required by major

**English Language minimum** .............................................9

**Humanities minimum** .....................................................9

**Mathematics, Statistics & Computer Science minimum** ...............3

**Natural Sciences minimum** ..............................................7

Social and Behavioral Sciences minimum .................................9 including:

- ECON 270GS, Principles of Economics, Macroeconomics 3 hours

**Personal Development minimum** .....................................2

BA Language requirement .................................................... a minimum of 6

For specific language requirements see Bachelor of Arts Degree requirements.

**Minor or 2nd Major, minimum** ...........................................24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 16 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ................................111

Unrestricted electives in 125 hour program ...............................14

Minimum total hours required for BA in International Studies .......125

All UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. International Studies Requirements (24 hours required)

Take all of the following (May count as General Studies):

- INTS 100, Introduction to International Studies ......................3 hours
- ECON 430, International Economics ....................................3 hours
- ENG 253GS, Introduction to Literature:
  - Non-Western Civilization ...............................................3 hours
  - GEOG 104GS, World Regional Geography ........................3 hours
  - HIST 212GS, Non-Western World History ..........................3 hours
  - PSCI 168GS, Introduction to International Relations ............3 hours
  - SOC 250GS, Anthropology .............................................3 hours

Take 1 course from:

*The prerequisites for these courses are fulfilled by the BA Language requirement.*

- FREN 305, Study of French Civilization ...........................3 hours  
  *(Prereq: FREN 201GS)*
- GERM 305, German Civilization .....................................3 hours  
  *(Prereq: GERM 201GS or equivalent)*
- SPAN 305, Spanish Civilization ....................................3 hours  
  *(Prereq: SPAN 204GS or equivalent)*

Students studying a less commonly taught language should see Director of International Studies.

B. International Studies Electives (12 hours required)

Select courses with your advisor

Take 12 hours from:

- BMGT 330, International Management ........................................3 hours  
  *(Prereq: BMGT 300 or BMGT 330)*
- BMKT 430, International Marketing ....................................3 hours  
  *(Prereq: BMKT 300 or BMKT 330)*
- CJUS 375, Comparative Criminal Justice Systems .............3 hours  
  *(Prereq: CJUS 101GS)*
- CJUS 476, Terrorism and Crisis Negotiations .....................3 hours
- FSID 481, Cross-Cultural Family Patterns .........................3 hours

Minimum General Studies .......................................................45

including General Studies coursework required by major

**English Language minimum** .............................................9

**Humanities minimum** .....................................................9

**Mathematics, Statistics & Computer Science minimum** ...............3

**Natural Sciences minimum** ..............................................7

Social and Behavioral Sciences minimum .................................9 including:

- ECON 270GS, Principles of Economics, Macroeconomics 3 hours

**Personal Development minimum** .....................................2

BA Language requirement .................................................... a minimum of 6

For specific language requirements see Bachelor of Arts Degree requirements.

**Minor or 2nd Major, minimum** ...........................................24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 16 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ................................111

Unrestricted electives in 125 hour program ...............................14

Minimum total hours required for BA in International Studies .......125

All UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. International Studies Requirements (24 hours required)

Take all of the following (May count as General Studies):

- INTS 100, Introduction to International Studies ......................3 hours
- ECON 430, International Economics ....................................3 hours
- ENG 253GS, Introduction to Literature:
  - Non-Western Civilization ...............................................3 hours
  - GEOG 104GS, World Regional Geography ........................3 hours
  - HIST 212GS, Non-Western World History ..........................3 hours
  - PSCI 168GS, Introduction to International Relations ............3 hours
  - SOC 250GS, Anthropology .............................................3 hours

Take 1 course from:

*The prerequisites for these courses are fulfilled by the BA Language requirement.*

- FREN 305, Study of French Civilization ...........................3 hours  
  *(Prereq: FREN 201GS)*
- GERM 305, German Civilization .....................................3 hours  
  *(Prereq: GERM 201GS or equivalent)*
- SPAN 305, Spanish Civilization ....................................3 hours  
  *(Prereq: SPAN 204GS or equivalent)*

Students studying a less commonly taught language should see Director of International Studies.

B. International Studies Electives (12 hours required)

Select courses with your advisor

Take 12 hours from:

- BMGT 330, International Management ........................................3 hours  
  *(Prereq: BMGT 300 or BMGT 330)*
- BMKT 430, International Marketing ....................................3 hours  
  *(Prereq: BMKT 300 or BMKT 330)*
- CJUS 375, Comparative Criminal Justice Systems .............3 hours  
  *(Prereq: CJUS 101GS)*
- CJUS 476, Terrorism and Crisis Negotiations .....................3 hours
- FSID 481, Cross-Cultural Family Patterns .........................3 hours

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOG 321</td>
<td>Economic Geography</td>
<td>3</td>
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<tr>
<td>GEOG 441</td>
<td>Special Topics in Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td>3</td>
</tr>
<tr>
<td>HIST 420</td>
<td>Women in Europe</td>
<td>3</td>
</tr>
<tr>
<td>HIST 441</td>
<td>Modern Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 450</td>
<td>Variable Topics in Latin American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 451</td>
<td>Comparative Colonialism: Asia and Africa</td>
<td>3</td>
</tr>
<tr>
<td>HIST 452</td>
<td>Colonial India</td>
<td>3</td>
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<tr>
<td>HIST 453</td>
<td>Modern India</td>
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<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td>3</td>
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<td>HIST 457</td>
<td>British Empire</td>
<td>3</td>
</tr>
<tr>
<td>HIST 459</td>
<td>European Expansion and Exploration</td>
<td>3</td>
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<tr>
<td>HIST 471</td>
<td>History of the Pacific Rim</td>
<td>3</td>
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<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td>3</td>
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<tr>
<td>HIST 489</td>
<td>Fascism and Communism</td>
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<td>INDS 480</td>
<td>Non-Western Civilization</td>
<td>3</td>
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<tr>
<td>INDS 485</td>
<td>Developing Nations</td>
<td>3</td>
</tr>
<tr>
<td>INDS 490</td>
<td>International Relations</td>
<td>3</td>
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<tr>
<td>INDS 495</td>
<td>Comparative Criminal Justice Systems</td>
<td>3</td>
</tr>
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<td>INDS 496</td>
<td>Terrorism and Crisis Negotiations</td>
<td>3</td>
</tr>
<tr>
<td>INDS 497</td>
<td>Security and Intelligence</td>
<td>3</td>
</tr>
</tbody>
</table>

Offered by International Studies Program

International Studies Minor

MN 1029

Minimum hours required for minor ........................................24

Requirements

Take all of the following:

- ECON 430, International Economics ..................3 hours  
  *(Prereq: ECON 100GS or ECON 270GS or ECON 271GS)*
- ENG 253GS, Introduction to Literature:
  - Non-Western Civilization ...................................3 hours  
    *(Prereq: ENG 102GS)*
- GEOG 104GS, World Regional Geography ................3 hours
- GEOP 400, Developing Nations ............................3 hours
- HIST 212GS, Non-Western World History .................3 hours
- PSCI 168GS, Introduction to International Relations 3 hours
- SOC 250GS, Anthropology ..................................3 hours

Take 1 course from:

*The prerequisites for these courses are fulfilled by the BA Language requirement. Other degree programs may require more hours to complete the minor.*

- FREN 305, Study of French Civilization ........3 hours  
  *(Prereq: FREN 201GS)*
- GERM 305, German Civilization ........................3 hours  
  *(Prereq: GERM 201GS or equivalent)*
- SPAN 305, Spanish Civilization .....................3 hours  
  *(Prereq: SPAN 204GS or equivalent)*

Students studying a less commonly taught language should see Director of International Studies.
Department of Management

Kyle W. Luthans, Chair
Professors: Konecny, R. Lebsack, Luthans, Palmer
Associate Professors: Hodge, S. Jensen
Assistant Professors: Hughes, Fleig-Palmer, Zuckweiler

Department Objectives:
- To provide students with a high quality undergraduate experience that will lead to successful completion of a Business Administration degree and appropriate entry level jobs in their chosen careers.
- To provide students with a variety of classroom experiences including lecture, case study, problem-solving, computer exercises, presentations and role-playing that lead to a thorough understanding of the subject matter. To complement this classroom experience with a learning environment fostering a strong student/faculty relationship through advising and mentoring.
- To secure that students are exposed to both the theory and practice of business by giving them opportunities to apply classroom knowledge to actual situations in the marketplace.
- To develop students’ ability to perceive and analyze problems and opportunities in order that they might apply those techniques in finding solutions throughout their professional careers.

College of Business and Technology Graduation Requirements
All students graduating with a degree from the College of Business and Technology must take at least 50% of their major credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.
All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

**BUSINESS ADMINISTRATION MAJOR**
The Department of Management offers two options and one emphasis in this major:

I. Business Administration Option - Bachelor of Arts Degree  
II. Business Administration Comprehensive Option - Bachelor of Science Degree  
(Select one Emphasis; two Emphases maximum)  

Management Emphasis

For additional areas of emphases see Department of Accounting/Finance and Department of Marketing and Management Information Systems. The minor in Business Administration or Entrepreneurship is available for students pursuing majors in other disciplines. Courses with the prefixes BMGT are offered by the department. See page 191.

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### Business Administration Option

<table>
<thead>
<tr>
<th>Bachelor of Arts</th>
<th>BT BA 1205</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Offered by Department of Management</strong>&lt;br&gt;<strong>Business Administration Major</strong>&lt;br&gt;Bachelor of Arts&lt;br&gt;BT BA 1205&lt;br&gt;All College of Business and Technology Graduation Requirements must be fulfilled.</td>
<td><strong>Minimum General Studies</strong>&lt;br&gt;including General Studies coursework required by major</td>
</tr>
<tr>
<td><strong>Mathematics, Statistics &amp; Computer Science minimum... 6 including:</strong>&lt;br&gt;MATH 102*, College Algebra</td>
<td>3 hours</td>
</tr>
<tr>
<td>Take 1 course from:&lt;br&gt;MATH 120, Finite Mathematics</td>
<td>3 hours</td>
</tr>
<tr>
<td>MATH 123, Applied Calculus</td>
<td>3 hours</td>
</tr>
</tbody>
</table>
| *Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.

**Natural Sciences minimum** | 7 |
| **Social and Behavioral Sciences minimum** | 12 including:<br>ECON 270GS, Principles of Economics, Macroeconomics | 3 hours |
| ECON 271GS, Principles of Economics, Microeconomics | 3 hours |
| **Personal Development minimum** | 2 |
| **BA Language requirement** | a minimum of 6 |
| For specific language requirements see Bachelor of Arts Degree requirements. |  |

**Major Option** | 36 |
| **Minor or 2nd Major, minimum** | 24 |
| Minors are 24 hours; 16 must be unduplicated; Electing a second major may add as many as 16 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater. |  |
| **Minimum total hours required coursework** | 111 |
| **Unrestricted electives in 125 hour program** | 14 |
| **Minimum total hours required for BA in Business Administration** | 125 |
| All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university. |  |

**A. Business Administration Core Requirements**  
(36 hours required)  
(2.0 GPA required)

Take all of the following:
- BMGT 233, Business Statistics | 3 hours |
- BMGT 314, Operations Management | 3 hours |
- BMGT 493, Social Responsibilities of Business: Issues and Ethics | 3 hours |
- BMGT 495, Administrative Strategy and Policy | 3 hours |
- BACC 250, Principles of Accounting I | 3 hours |
- BACC 251, Principles of Accounting II | 3 hours |
- BACC 311, Business Law | 3 hours |
- BFIN 308, Principles of Finance | 3 hours |
- BMIS 302, Principles of Management Information Systems | 3 hours |
- BMKT 300, Principles of Marketing | 3 hours |
- BSED 295, Business Communications | 3 hours |

Take 1 course from:
- BMGT 301, Principles of Management | 3 hours |
- BMGT 355, Organizational Behavior | 3 hours |

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Offered by Department of Management  
**Business Administration Major**

**Bachelor of Science**<br>Bachelor of Science Degree  

**Minimum General Studies** | 45 |
| **including General Studies coursework required by major**<br>English Language minimum | 9 |
| **Mathematics, Statistics & Computer Science minimum... 6 including:**<br>MATH 102*, College Algebra | 3 hours |
| Take 1 course from:<br>MATH 120, Finite Mathematics | 3 hours |
MATH 123, Applied Calculus I .................................................3 hours  
*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.

Natural Sciences minimum .............................................7  
Social and Behavioral Sciences minimum ................................12 including:  
ECON 270GS, Principles of Economics, Macroeconomics ..................................................3 hours  
ECON 271GS, Principles of Economics, Microeconomics ..................................................3 hours  
PERSONAL DEVELOPMENT MINIMUM ...............................................2

BS Science-related course requirements ...........................................0

Major Option ...........................................................................36

Minor or 2nd Major, minimum ..................................................24  
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework .....................................105

Unrestricted electives in 125 hour program ......................................20

Minimum total hours required for BS in Business Administration ..................................................125  
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Business Administration Core Requirements
(36 hours required) (2.0 GPA required)

Take all of the following:

- BMGT 233, Business Statistics ..................................................3 hours
- BMGT 314, Operations Management ...........................................3 hours
- BMGT 493, Social Responsibilities of Business: Issues and Ethics ...........................................3 hours
- BMGT 495, Administrative Strategy and Policy ...........................................3 hours
- BACC 250, Principles of Accounting I ...........................................3 hours
- BACC 251, Principles of Accounting II ...........................................3 hours
- BACC 311, Business Law ..................................................3 hours
- BFIN 308, Principles of Finance ..................................................3 hours
- BMIS 302, Principles of Management Information Systems ..................................................3 hours
- BMKT 300, Principles of Marketing ..................................................3 hours
- BSED 295, Business Communications ...........................................3 hours

Take 1 course from:

- BMGT 301, Principles of Management ...........................................3 hours
- BMGT 355, Organizational Behavior ...........................................3 hours

Offered by Department of Management
Business Administration Major

Business Administration Comprehensive Option Management Emphasis

Bachelor of Science BT BS 1203 EP 3024

All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies ..................................................45  
including General Studies coursework required by major

- English Language minimum ..................................................9
- Humanities minimum ..................................................9
- Mathematics, Statistics & Computer Science minimum ..................................................6 including:  
  MATH 102*, College Algebra ..................................................3 hours
- MATH 120, Finite Mathematics ..................................................3 hours
- MATH 123, Applied Calculus I ..................................................3 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.
- Natural Sciences minimum ..................................................7

Social and Behavioral Sciences minimum .............................................12 including:
- ECON 270GS, Principles of Economics, Macroeconomics ..................................................3 hours
- ECON 271GS, Principles of Economics, Microeconomics ..................................................3 hours
- Personal Development minimum ..................................................2

BS Science-related course requirements ...........................................0

Major Option ...........................................................................60

Minimum total hours required coursework .....................................105

Unrestricted electives in 125 hour program ......................................20

Minimum total hours required for BS in Business Administration Comprehensive ..................................................125  
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Business Administration Comprehensive Core Requirements
(36 hours required) (2.0 GPA required)

Take all of the following:

- BMGT 233, Business Statistics ..................................................3 hours
- BMGT 301, Principles of Management ...........................................3 hours
- BMGT 314, Operations Management ...........................................3 hours
- BMGT 493, Social Responsibilities of Business: Issues and Ethics ...........................................3 hours
- BMGT 495, Administrative Strategy and Policy ...........................................3 hours
- BACC 250, Principles of Accounting I ...........................................3 hours
- BACC 251, Principles of Accounting II ...........................................3 hours
- BACC 311, Business Law ..................................................3 hours
- BFIN 308, Principles of Finance ..................................................3 hours
- BMIS 302, Principles of Management Information Systems ..................................................3 hours
- BMKT 300, Principles of Marketing ..................................................3 hours
- BSED 295, Business Communications ...........................................3 hours

B. Business Administration Comprehensive Economics
Requirement (3 hours required)

Take 3 hours from:
- ECON 300-ECON 498.......................................................

C. Management Emphasis Requirements (21 hours required)

Take all of the following:

- BMGT 355, Organizational Behavior ...........................................3 hours
- BMGT 380, Human Resource Management ...........................................3 hours

Take 4 courses from:

- BMGT 330, International Management ...........................................3 hours
- BMGT 334, Intermediate Statistics ..................................................3 hours
- BMGT 400, Entrepreneurship ..................................................3 hours
- BMGT 401, Small Business Management ...........................................3 hours
- BMGT 409, Leadership: Skills, Applications, Research ..................................................3 hours
- BMGT 410, Compensation Management ...........................................3 hours
- BMGT 411, Labor Relations ..................................................3 hours
- BMGT 415, Quality Management Concepts & Practice ..................................................3 hours
- BMGT 425, Operations Research ..................................................3 hours
- BMGT 474, International Experiential Learning: Management ...........................................1-3 hours  
  (Prereq: BMGT 330 or BMKT 430 or ECON 430; junior or senior standing; permission of department chair)
- BMGT 489, Business Consultanship ...........................................3 hours
- BMGT 498, Management Topics ...........................................3 hours
- BACC 412, Employment Law ..................................................3 hours
Management

Minimum hours required for minor.................................................. 24

Requirements

Take all of the following:
- BACC 250, Principles of Accounting I ........................................3 hours
- BACC 251, Principles of Accounting II ......................................3 hours

Take 3 courses from the following (9 hours):
- BACC 311, Business Law ......................................................3 hours
- BFIN 308, Principles of Finance .............................................3 hours
  (Prereq: BACC 251, ECON 271GS)
- BMGT 301, Principles of Management ....................................3 hours
- BMGT 314, Operations Management ....................................3 hours
  (Prereq: BMGT 233 or equivalent)
- BMIS 302, Principles of Management Information Systems ......3 hours
- BMKT 300, Principles of Marketing .......................................3 hours

Take 3 courses from the following (9 hours):
- Any 300-400 level course from BACC, BFIN, BMGT, BMIS, BMKT, ECON .......... 9 hours

General Studies required by minor:

These general studies courses may add to the total number of hours required in the general studies program if additional specific general studies courses are required by the student’s major.
- MATH 102, College Algebra .....................................................3 hours

Entrepreneurship Minor

Minimum hours required for minor.................................................. 24

Requirements

Take all of the following:
- BMGT 400, Entrepreneurship ..............................................3 hours
- BMGT 401, Small Business Management ............................3 hours
- BACC 413, Entrepreneurial Law ...........................................3 hours
- BMKT 300, Principles of Marketing ......................................3 hours
- BMKT 460, Strategic Product Management ..........................3 hours
- SPCH 375, Diffusion of Innovations ......................................3 hours

Take 2 courses from the following:
- BMGT 355, Organizational Behavior ....................................3 hours
- BMGT 380, Human Resource Management ........................3 hours
- BMKT 409, Leadership: Skills, Applications, Research ........3 hours
- BMGT 495, Administrative Strategy and Policy ......................3 hours
- BFIN 308, Principles of Finance ............................................3 hours
  (Prereq: BACC 251, ECON 271GS)
- BMIS 282, Business Intelligence Using Databases ...............3 hours
- BMKT 336, Services Marketing ............................................3 hours
- BMKT 435, Marketing Research ............................................3 hours
  (Prereq: BMKT 300, BMGT 233 OR BMKT 300, STAT 241)
- BMKT 457, E-Marketing .....................................................3 hours
- MUS 310, Music Business ...................................................3 hours
- PSY 203GS, General Psychology .........................................3 hours

Department of Marketing and Management Information Systems

Greg Broekemier, Chair
Professors: Broekemier, Burkink, Seshadri
Associate Professor: Agrawal
Assistant Professors: Li, Taylor
Senior Lecturers: Moffett, Yeagley

Department Objectives:

- To provide students with high quality undergraduate experiences that will lead to successful completion of Business Administration degrees and appropriate entry level jobs in their chosen careers.
- To provide students with a variety of classroom experiences including lectures, case studies, problem-solving, computer exercises, presentations and role-playing that lead to a thorough understanding of the subject matter. To complement these classroom experiences with learning environments fostering strong student/faculty relationships through advising and mentoring.
- To ensure that students are exposed to both the theory and practice of business by giving them opportunities to apply classroom knowledge to actual situations in the marketplace.
- To develop students’ abilities to perceive and analyze problems and opportunities so that they might apply those techniques in finding solutions throughout their professional careers.

College of Business and Technology Graduation Requirements

All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.

BUSINESS ADMINISTRATION MAJOR

The Department of Marketing and Management Information Systems offers two emphases in this major:
- Business Administration Comprehensive Option - Bachelor of Science Degree
  (Select one Emphasis; two Emphases maximum)
  - Marketing Emphasis
  - Management Information Systems Emphasis

For additional areas of emphases see Department of Accounting/Finance and Department of Management.

Minors in International Business, Marketing/Management, and Management Information Systems are available for students pursuing majors in other disciplines.

Courses with the prefixes BMKT and BMIS are offered by the department. See pages 194 (BMKT) and 193 (BMIS).

Business Administration Comprehensive Option Marketing Emphasis

Bachelor of Science

All College of Business and Technology Graduation Requirements must be fulfilled.

Minimum General Studies ................................................... 45

including General Studies coursework required by major

English Language minimum................................................... 9
Minimum General Studies .................................................45
  including General Studies coursework required by major
  (2.0 GPA required)
  English Language minimum ...........................................9
  Humanities minimum ..................................................9
Mathematics, Statistics & Computer Science minimum... 6 including:
  MATH 102*, College Algebra ........................................3 hours
  MATH 120, Finite Mathematics ........................................3 hours
  MATH 123, Applied Calculus I .......................................3 hours
  *Students with sufficient preparation may enter the
  mathematics program at a higher level, increasing the
  unrestricted elective hours.
Natural Sciences minimum ..............................................7
  Social and Behavioral Sciences minimum .......................12 including:
  ECON 270GS, Principles of Economics, Macroeconomics..3 hours
  ECON 271GS, Principles of Economics, Microeconomics..3 hours
  MATH 102*, College Algebra ........................................3 hours
  MATH 120, Finite Mathematics ........................................3 hours
  MATH 123, Applied Calculus I .......................................3 hours
  Personal Development minimum .....................................2
BS Science-related course requirements .........................0
Major Option ....................................................................60
Minimum total hours required coursework ........................105
Unrestricted electives in 125 hour program .........................20
Minimum total hours required for BS
  in Business Administration Comprehensive ......................125
  All UNK degrees require a minimum of 125 hours. Forty (40) of the
  hours required for all UNK degrees must be upper division hours,
  which are courses numbered 300 or above taken at a 4-year college
  or university.
A. Business Administration Comprehensive Core Requirements
(36 hours required) (2.0 GPA required)
Take all of the following:
  BMKT 300, Principles of Marketing ...............................3 hours
  BACC 250, Principles of Accounting I ............................3 hours
  BACC 251, Principles of Accounting II ...........................3 hours
  BACC 311, Business Law .............................................3 hours
  BFIN 308, Principles of Finance ....................................3 hours
Take 4 courses:
  BMGT 233, Business Statistics ....................................3 hours
  BMGT 301, Principles of Management ............................3 hours
  BMGT 314, Operations Management ...............................3 hours
  BMGT 493, Social Responsibilities of Business:
  Issues and Ethics ..................................................3 hours
  BMGT 495, Administrative Strategy and Policy .................3 hours
  BMIS 302, Principles of Management Information Systems..3 hours
  BSED 295, Business Communications ............................3 hours
B. Business Administration Comprehensive Economics
Requirement (3 hours required)
Take 3 hours from:
  ECON 300-ECON 498 ..............................................3 hours
C. Marketing Emphasis Requirements (21 hours required)
Take 4 courses:
  BMKT 430, International Marketing ...............................3 hours
  BMKT 435, Marketing Research ....................................3 hours
  BMKT 438, Consumer Behavior ....................................3 hours
  BMKT 456, Marketing Management ...............................3 hours
Take 3 courses from:
  BMKT 331, Professional Selling ....................................3 hours
  BMKT 336, Services Marketing ......................................3 hours
  BMKT 419, Field Experiences in Practical Marketing .........3 hours
  BMKT 420, Retail Management .....................................3 hours
  BMKT 433, Marketing Channels Management ....................3 hours
  BMKT 434, Business-to-Business Marketing ....................3 hours
  BMKT 437, Sales Management .....................................3 hours
  BMKT 440, Advertising Management .............................3 hours
  BMKT 444, Person Marketing ........................................3 hours
  BMKT 450, Pharmaceutical Marketing ...........................3 hours
  BMKT 457, E-Marketing .............................................3 hours
  BMKT 460, Strategic Product Management .......................3 hours
  BMKT 474, International Experiential Learning:
  Marketing ...........................................................3 hours
  (Prereq: BMKT 430 or BMGT 330 or ECON 430; 
  junior or senior standing; permission of instructor)
  BMKT 498, Marketing Topics .......................................3 hours

Bachelor of Science
  BT BS 1203 EP 3006
  All College of Business and Technology Graduation Requirements
  must be fulfilled.

Minimum General Studies .................................................45
  including General Studies coursework required by major
  (2.0 GPA required)
  English Language minimum ...........................................9
  Humanities minimum ..................................................9
Mathematics, Statistics & Computer Science minimum... 6 including:
  MATH 102*, College Algebra ........................................3 hours
  MATH 120, Finite Mathematics ........................................3 hours
  MATH 123, Applied Calculus I .......................................3 hours
  *Students with sufficient preparation may enter the
  mathematics program at a higher level, increasing the
  unrestricted elective hours.
Natural Sciences minimum ..............................................7
  Social and Behavioral Sciences minimum .......................12 including:
  ECON 270GS, Principles of Economics, Macroeconomics..3 hours
  ECON 271GS, Principles of Economics, Microeconomics..3 hours
  MATH 102*, College Algebra ........................................3 hours
  MATH 120, Finite Mathematics ........................................3 hours
  MATH 123, Applied Calculus I .......................................3 hours
  Personal Development minimum .....................................2
BS Science-related course requirements .........................0
  in Business Administration Comprehensive ......................125
  All UNK degrees require a minimum of 125 hours. Forty (40) of the
  hours required for all UNK degrees must be upper division hours,
  which are courses numbered 300 or above taken at a 4-year college
  or university.
A. Business Administration Comprehensive Core Requirements
(36 hours required) (2.0 GPA required)
Take all of the following:
  BMKT 300, Principles of Marketing ...............................3 hours
  BACC 250, Principles of Accounting I ............................3 hours
  BACC 251, Principles of Accounting II ...........................3 hours
  BACC 311, Business Law .............................................3 hours
  BMIS 282, Business Intelligence Using Databases ............3 hours
  BMKT 300, Principles of Management Information Systems..3 hours
  BMGT 301, Principles of Management ............................3 hours
  BMGT 314, Operations Management ...............................3 hours
  BMGT 493, Social Responsibilities of Business:
  Issues and Ethics ..................................................3 hours
  BMGT 495, Administrative Strategy and Policy .................3 hours
  BMIS 302, Principles of Management Information Systems..3 hours
  BSED 295, Business Communications ............................3 hours
B. Business Administration Comprehensive Economics
Requirement (3 hours required)
Take 3 hours from:
  ECON 300-ECON 498 ..............................................3 hours
C. Management Information Systems Emphasis
(21 hours required)
Take all of the following:
  BMIS 282, Business Intelligence Using Databases ............3 hours
  BMIS 350, Intermediate Business Intelligence 
  through Data Mining .................................................3 hours
International Business Minor

Minimum hours required for minor…………………………………………24

A. Requirements (15 hours required)

Take one of the following:

- ECON 100GS, Contemporary Economic Issues .......... 3 hours
- ECON 270GS, Principles of Economics, Macroeconomics .. 3 hours
- ECON 271GS, Principles of Economics, Microeconomics .. 3 hours

Take all of the following:

- BMGT 330, International Management ................... 3 hours
- BMKT 430, International Marketing ......................... 3 hours
- ECON 430, International Economics ....................... 3 hours

Take 3 hours from:

- To be approved by the advisor for International Business minor.

- BMGT 474, International Experiential Learning:
  - Management ............................................. 1-3 hours
- BMKT 474, International Experiential Learning:
  - Marketing ............................................. 1-3 hours
- BACC 475, Accounting Internship ......................... 1-15 hours
- BFIN 475, Finance Internship ................................ 1-15 hours
- BMGT 475, Management Internship ....................... 1-15 hours
- BMKT 475, Marketing Internship .......................... 1-15 hours
  (Prereq: BMKT 300)
- BSED 475, Internship ..................................... 1-15 hours
- ECON 475, Internship ..................................... 1-15 hours
  (Prereq: ECON 270GS or ECON 271GS)

B. Electives (9 hours required)

Take 9 hours from at least two departments:

- English
  - ENG 253GS, Introduction to Literature:
    - Non-Western Civilization .................................. 3 hours
    (Prereq: ENG 102GS)

- Modern Languages
  - FORL course ............................................. 3 hours

- Geography
  - GEOG 104GS, World Regional Geography .................. 3 hours
  - GEOG 340, Developing Nations ................................ 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)

- BMIS 380, Web Software/Network Architecture ........... 3 hours
- BMIS 381, Systems Analysis and Design I ............... 3 hours
- BMIS 481, Systems Analysis and Design II ............ 3 hours
- BMIS 485, Information Systems Strategy and Management .. 3 hours

Take 3 hours from:

- BMIS 410, Advanced Business Intelligence Using
  - Neural Networks and Advanced Data Mining ............. 3 hours
- BMIS 421, Business Process Redesign and ERP Systems .. 3 hours
- BMIS 430, Knowledge Management and Expert Systems .. 3 hours
- BMIS 440, Systems Audit ................................ 3 hours
- BMIS 450, Software Quality Assurance ..................... 3 hours
- BMIS 475, Management Information Systems Internship .. 3 hours
- BMIS 498, Management Information Systems Topics ....... 3 hours
- BMGT 425, Operations Research ................................ 3 hours
- BMKT 457, E-Marketing ................................... 3 hours
- CSIS 425, Database Systems ................................ 3 hours
- CSIS 428, Data Communications and Distributed Processing . 3 hours
  (Prereq: junior standing; CSIS 150 or ITEC 345
  or permission of instructor)

- GEOG 341, Geography of Latin America ....................... 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)
- GEOG 345, Geography of Europe ................................ 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)
- GEOG 347, Geography of Africa ................................ 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)
- GEOG 348, Geography of Asia ................................ 3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)

History

- HIST 212GS, Non-Western World History .................. 3 hours
- HIST 420, Women in Europe ................................ 3 hours
- HIST 441, Modern Latin America ......................... 3 hours
- HIST 455, Comparative Studies in Ethnic Conflict ........ 3 hours
- HIST 492, Soviet Russia .................................. 3 hours
- HIST 493, Modern Eastern Europe ......................... 3 hours

Political Science

- PSCI 140GS, Introduction to Comparative Politics .......... 3 hours
- PSCI 168GS, Introduction to International Relations ...... 3 hours
- PSCI 345, Politics of the Developing World ............... 3 hours
- PSCI 346, Latin American Politics .......................... 3 hours
- PSCI 368, International Law and Organization ............ 3 hours
- PSCI 369, International Political Economy .................. 3 hours
- PSCI 370, American Foreign Policy .......................... 3 hours

Psychology

- PSY 372, Cross-Cultural Psychology .......................... 3 hours
  (Prereq: PSY 203GS)
- PSY 416, Eastern Psychology ................................ 3 hours
  (Prereq: PSY 203GS)

Sociology

- SOC 225, Global Cultures and Diversity ...................... 3 hours
- SOC 250GS, Anthropology .................................. 3 hours
- SOC 410, Globalization and Development ..................... 3 hours
  (Prereq: SOC 225 or SOC 310)
- SOC 472, Special Topics in Globalization ................... 3 hours
  (Prereq: SOC 124GS or SOC 250GS or permission)

Marketing/Management Minor

Minimum hours required for minor………………………...24

A. Requirements (6 hours required)

Take all of the following:

- BMKT 300, Principles of Marketing .......................... 3 hours
- BMKT 301, Principles of Management ........................ 3 hours
- Electives (18 hours required)

Take 6 of the following (18 hours required):

- BMKT 331, Professional Selling ................................ 3 hours
- BMKT 336, Services Marketing ................................ 3 hours
- BMKT 420, Retail Management ................................ 3 hours
- BMKT 430, International Marketing .......................... 3 hours
- BMKT 434, Business-to-Business Marketing ................. 3 hours
- BMKT 435, Marketing Research ............................... 3 hours
  (Prereq: BMKT 300, BMKT 233 OR BMKT 300, STAT 241)
- BMKT 437, Sales Management ................................ 3 hours
- BMKT 438, Consumer Behavior ................................ 3 hours
- BMKT 440, Advertising Management .......................... 3 hours
- BMKT 444, Person Marketing .................................. 3 hours
- BMKT 450, Pharmaceutical Marketing ......................... 3 hours
- BMKT 457, E-Marketing ...................................... 3 hours
- BMKT 460, Strategic Product Management ..................... 3 hours
- BMKT 474, International Experiential Learning:
  - Marketing ............................................. 1-3 hours
  (Prereq: BMKT 430 or BMKT 330 or ECON 430;
  junior or senior standing; permission of instructor)
- BMKT 498, Marketing Topics .................................. 3 hours
BMGT 314, Operations Management.................................3 hours
(Prereq: BMGT 233 or equivalent)
BMGT 355, Organizational Behavior.................................3 hours
BMGT 380, Human Resource Management........................3 hours
BMGT 498, Management Topics.......................................3 hours
BMIS 302, Principles of Management Information Systems.....3 hours
BSED 295, Business Communications..............................3 hours

Offered by Department of Marketing and Management Information Systems

Management Information Systems Minor

MN 1100
Minimum hours required for minor.....................................24

A. Requirements (15 hours required)
Take all of the following:
BMIS 282, Business Intelligence Using Databases..............3 hours
BMIS 302, Principles of Management Information Systems...3 hours
BMIS 350, Intermediate Business Intelligence
through Data Mining..........................................................3 hours
BMIS 380, Web Software/Network Architecture.................3 hours
BMIS 485, Information Systems Strategy and Management...3 hours

B. Electives (9 hours required)
Take 3 of the following (9 hours):
BACC 251, Principles of Accounting II...........................3 hours
(Prereq: BACC 250)
BACC 391, Accounting Information Systems....................3 hours
(Prereq: BACC 251, passing score on Business Computer Proficiency Examination)
BMGT 301, Principles of Management..............................3 hours
BMGT 314, Operations Management...............................3 hours
(Prereq: BMGT 233 or equivalent)
BMKT 300, Principles of Marketing.................................3 hours
CSIS 111GS, Applied BASIC Programming......................3 hours

Institute of Natural and Social Sciences

Department of Mathematics and Statistics

Lutfi A. Lutfiyya, Chair
Professors: Lutfiyya, Willis
Associate Professors: Hossain, Kime, Niemann
Assistant Professors: Clark, Ford, Weiss
Senior Lecturers: Dahike, Michener, Sorensen, Teter
Lecturer: Reifrenath
Adjunct: May

Department Objectives:
• To prepare students to pursue graduate programs in mathematics and/or statistics;
• To provide entry level training for those wishing to pursue careers in mathematics education, actuarial science, or selected segments of the business/industrial/governmental sector of the economy;
• To provide the courses to meet the requirements of General Studies;
• To provide the courses to meet the service functions for departments requiring knowledge of mathematics.

Department Policies:
• Placement in the proper course is of utmost importance to the student and the Department. The ACT Math Subscore or the UNL Math Placement Test is used to place traditional entering freshmen in our entry level college mathematics courses. Consult the departmental course listings for information on minimal ACT Math Subscore requirements for our entry level courses.

Mathematics and Statistics

Minimum General Studies..............................................45
including General Studies coursework required by major
English Language minimum..............................................9
Humanities minimum......................................................9
Mathematics, Statistics & Computer Science minimum...5 including:
MATH 115*, Calculus I with Analytic Geometry..............5 hours
*Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.
Natural Sciences minimum............................................7
Social and Behavioral Sciences minimum......................9
Personal Development minimum.................................2

BA Language requirement.............................................a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option...............................................................31
Minor or 2nd Major, minimum.........................................24

Minimum total hours required for coursework....................106
Unrestricted electives in 125 hour program......................19
Minimum total hours required for BA in Mathematics.........125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Must be completed with no grade below a “C”.

Mathematics Option

Bachelor of Arts ................................................................45
NSS BA 5804

Student who have completed a full year of Calculus in high school may start in Calculus II or Calculus III. If they earn at least a “C“ then they will earn 5 or 10 hours credit for the course(s) they skipped.
CLEP Examination must be taken before completing higher level courses.
All majors and endorsements must be completed with no grade below a “C”.
Math 090 credit will not count toward any university degrees.

Students will not be allowed to register and get credit for any 100 level mathematics course after having successfully completed (C or better) another mathematics or statistics course for which the said 100 level course is a prerequisite.

MATHEMATICS MAJOR

Four options are available in this major:

I. Mathematics Option - Bachelor of Arts Degree
   or Mathematics Option - Bachelor of Science Degree
II. Mathematics Comprehensive Option - Bachelor of Science Degree
III. Mathematics 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree
IV. Mathematics 7-12 Teaching Field Endorsement Option - Bachelor of Science in Education Degree

The minor in Mathematics is available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in Mathematics.

Courses with the prefixes MATH and STAT are offered by the department. See pages 228 (MATH) and 253 (STAT).
A. Mathematics Emphasis (6 hours required)

Take all of the following:
- MATH 202, Calculus II with Analytic Geometry ……… 5 hours
- MATH 250, Foundations of Math …………………… 3 hours
- MATH 260, Calculus III ……………………….. 5 hours
- MATH 305, Differential Equations …………………. 3 hours
- MATH 350, Abstract Algebra ……………………… 3 hours
- MATH 460, Advanced Calculus I …………………… 3 hours
- STAT 345, Applied Statistics I …………………….. 3 hours

B. Emphasis Area (6 hours required)

1. Mathematics Emphasis
Take 6 hours from courses approved by the department.

2. Statistics Emphasis
Take all of the following:
- STAT 441, Probability and Statistics ………… 3 hours
- STAT 442, Mathematical Statistics …………….. 3 hours

Offered by Department of Mathematics and Statistics
Mathematics Major

Mathematics Option

Bachelor of Science NSS BS 5804

Minimum General Studies ………………………………45
including General Studies coursework required by major
- English Language minimum ……………………………...9
- Humanities minimum …………………………………….9
- Mathematics, Statistics & Computer Science minimum… 5 including:
  - MATH 115*, Calculus I with Analytic Geometry …………5 hours
    *Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.
- Natural Sciences minimum ………………………………7
- Social and Behavioral Sciences minimum ………………..9
- Personal Development minimum ……………………….2

BS Science-related course requirements …………………0

Major Option ……………………………………………31

Minor or 2nd Major, minimum, …………………………24

Minimum total hours required coursework ………………100

Unrestricted electives in 125 hour program …………25

Minimum total hours required for BS in Mathematics …………………125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Must be completed with no grade below a “C”.

A. Math Core Requirements (25 hours required)
Take all of the following:
- MATH 202, Calculus II with Analytic Geometry ………… 5 hours
- MATH 250, Foundations of Math …………………… 3 hours
- MATH 260, Calculus III …………………………… 5 hours
- MATH 305, Differential Equations ……………………. 3 hours
- MATH 350, Abstract Algebra ……………………… 3 hours
- MATH 460, Advanced Calculus I …………………… 3 hours
- STAT 345, Applied Statistics I …………………….. 3 hours

B. Emphasis Area (6 hours required)

1. Mathematics Emphasis
Take 6 hours from courses approved by the department.

2. Statistics Emphasis
Take all of the following:
- STAT 441, Probability and Statistics ………… 3 hours
- STAT 442, Mathematical Statistics …………….. 3 hours

Offered by Department of Mathematics and Statistics
Mathematics Major

Mathematics Comprehensive Option

Bachelor of Science NSS BS 5803

Minimum General Studies ………………………………45
including General Studies coursework required by major
- English Language minimum ……………………………...9
- Humanities minimum …………………………………….9
- Mathematics, Statistics & Computer Science minimum… 5 including:
  - MATH 115*, Calculus I with Analytic Geometry …………5 hours
    *Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.
- Natural Sciences minimum ………………………………7 including:
  - PHYS 275GS, General Physics (Calculus) …………….5 hours
- Social and Behavioral Sciences minimum ………………..9
- Personal Development minimum ……………………….2

BS Science-related course requirements …………………0

Major Option ……………………………………………94-97

Minimum total hours required coursework ………………94-97

Unrestricted electives in 125 hour program …………28-31

Minimum total hours required for BS in Mathematics …………………125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Must be completed with no grade below a “C”.

A. Math Comprehensive Core Requirements (34 hours required)
Take all of the following:
- MATH 202, Calculus II with Analytic Geometry ………… 5 hours
- MATH 250, Foundations of Math …………………… 3 hours
- MATH 260, Calculus III …………………………… 5 hours
- MATH 305, Differential Equations ……………………. 3 hours
- MATH 350, Abstract Algebra ……………………… 3 hours
- MATH 420, Numerical Analysis ……………………. 3 hours
- MATH 440, Linear Algebra ………………………… 3 hours
- MATH 460, Advanced Calculus I …………………… 3 hours
- STAT 345, Applied Statistics I …………………….. 3 hours

Take 1 course from:
- CSIS 111GS, Applied BASIC Programming ………….3 hours
- CSIS 112, Programming in C ………………………3 hours
- CSIS 130GS*, Introduction to Computer Science ………4 hours
  *Students who plan a Computer Science Emphasis are advised to take CSIS 130GS.

B. Emphasis area (15-18 hours required)
Choose one emphasis from the following:

1. Applied Mathematics Emphasis (15 hours required)
Take all of the following:
- PHYS 276GS, General Physics (Calculus) …………….5 hours
- PHYS 410, Mathematical Techniques in Physics ………4 hours
- PHYS 411, Mathematical Techniques in Physics II ……3 hours
- STAT 441, Probability and Statistics ………………….3 hours

2. Computer Science Emphasis (18 hours required)
Take all of the following:
- CSIS 150, Object-Oriented Programming …………..3 hours
  *(Prereq: CSIS 130GS)
- CSIS 180, Discrete Structures ………………………3 hours
  *(Prereq: CSIS 130GS, MATH 115)
- CSIS 301, Computer Organization …………………….3 hours
- CSIS 330, Algorithms and Data Structures ………….3 hours
- CSIS 402, Introduction to Automata, Formal Languages, and Computability ………………3 hours
- CSIS 408, Principles of Programming Languages ………3 hours
3. General Emphasis (15-18 hours required)
Take ONE of the following options:
- Take 15 hours from CSIS, PHYS, STAT
- OR take 18 hours from one other department

Offered by Department of Mathematics and Statistics
Mathematics Major
Mathematics 7-12 Teaching Subject Endorsement Option
Bachelor of Science in Education ................................................. 45

Minimum General Studies ..................................................... 139
including General Studies coursework required
by Teacher Education and endorsement

English Language minimum .................................................. 9 including:
ENG 101GS, Expository Writing I ........................................ 3 hours
ENG 102GS, Expository Writing II ...................................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication .......... 3 hours
Humanities minimum ............................................................ 12 including:
Take 1 course from:
HIST 210GS, Western Civilization ...................................... 3 hours
HIST 211GS, Western Civilization ...................................... 3 hours
HIST 212GS, Non-Western World History ......................... 3 hours
HIST 215GS, Introduction to Latin America ....................... 3 hours
Take 1 course from:
HIST 250GS, American History ......................................... 3 hours
HIST 251GS, American History ......................................... 3 hours
Mathematics, Statistics & Computer Science minimum ........ 5 including:
MATH 115*, Calculus I with Analytic Geometry ................. 5 hours
*Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.

Natural Sciences minimum .................................................. 7
Social and Behavioral Sciences minimum ......................... 9 including:
PSCI 110GS, Introduction to American Politics .................... 3 hours
Take any Economic Perspective GS course ....................... 3 hours
Take any GS course from:
Social Perspective, Geographical Perspective or Behavioral Perspective .................................................. 3 hours
Personal Development minimum ....................................... 3 including:
PE 160GS, Healthful Living ............................................ 3 hours

Endorsement ....................................................................... 34
Second Subject Endorsement, normally ......................... 139
Unrestricted electives in 125 hour program ...................... 0
Minimum total hours required for BSE ................................. 139
in Math 7-12 Teaching Subject Endorsement .........................
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
Must be completed with no grade below a “C”.

A. Math Subject Endorsement Requirements (31 hours required)
Take all of the following:
MATH 202, Calculus II with Analytic Geometry ............... 5 hours
MATH 250, Foundations of Math .................................. 3 hours
MATH 260, Calculus III ............................................... 5 hours
MATH 310, College Geometry .................................. 3 hours

B. Math Subject Endorsement Supporting Courses
(3 hours required)
Take:
- STAT 441, Probability and Statistics ......................... 3 hours

Offered by Department of Mathematics and Statistics
Mathematics Major
Mathematics 7-12 Teaching Field Endorsement Option
Bachelor of Science in Education .............................................. 45

+ General Studies coursework required
by Teacher Education and endorsement .......................... 46

English Language minimum .................................................. 9 including:
ENG 101GS, Expository Writing I ........................................ 3 hours
ENG 102GS, Expository Writing II ...................................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication .... 3 hours
Humanities minimum ............................................................ 12 including:
Take 1 course from:
HIST 210GS, Western Civilization ...................................... 3 hours
HIST 211GS, Western Civilization ...................................... 3 hours
HIST 212GS, Non-Western World History ......................... 3 hours
HIST 215GS, Introduction to Latin America ....................... 3 hours
Take 1 course from:
HIST 250GS, American History ......................................... 3 hours
HIST 251GS, American History ......................................... 3 hours
Mathematics, Statistics & Computer Science minimum .... 5 including:
MATH 115*, Calculus I with Analytic Geometry ................. 5 hours
*Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.

Natural Sciences minimum .................................................. 8 including:
PHYS 275GS, General Physics (Calculus) ......................... 5 hours
Social and Behavioral Sciences minimum ......................... 9 including:
PSCI 110GS, Introduction to American Politics .................... 3 hours
Take any Economic Perspective GS course ....................... 3 hours
Take any GS course from:
Social Perspective, Geographical Perspective or Behavioral Perspective .................................................. 3 hours

Endorsement ....................................................................... 51
Minimum total hours required for BSE ................................. 127
Unrestricted electives in 125 hour program ...................... 0
Minimum total hours required for BSE in Mathematics 7-12 Teaching Field Endorsement ................................. 127
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.
Must be completed with no grade below a “C”.
A. Math Field Endorsement Requirements (37 hours required)
Take all of the following:
- MATH 202, Calculus II with Analytic Geometry: 5 hours
- MATH 250, Foundations of Math: 3 hours
- MATH 260, Calculus III: 5 hours
- MATH 310, College Geometry: 3 hours
- MATH 350, Abstract Algebra: 3 hours
- MATH 400, History of Mathematics: 3 hours
- MATH 404, Theory of Numbers: 3 hours
- MATH 413, Discrete Mathematics: 3 hours
- MATH 440, Linear Algebra: 3 hours
- MATH 460, Advanced Calculus I: 3 hours
- MATH 470, Teaching of Secondary Mathematics: 3 hours

B. Math Field Endorsement Supporting Courses (14 hours required)
Take the following 2 courses:
- STAT 345, Applied Statistics I: 3 hours
- STAT 441, Probability and Statistics: 3 hours

Take 3 hours from:
- CSIS 111GS, Applied BASIC Programming: 3 hours
- CSIS 112, Programming in C: 3 hours
- CSIS 130GS, Introduction to Computer Science: 4 hours

Take the following course:
- PHYS 275GS, General Physics (Calculus): 5 hours

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Offered by Department of Mathematics and Statistics

Mathematics Minor

MN 1058
Minimum hours required for minor: 30

A. Requirements (16 hours required)
Take all of the following:
- MATH 102*, College Algebra: 3 hours
- MATH 103*, Plane Trigonometry: 3 hours
- MATH 115*, Calculus I with Analytic Geometry: 5 hours
- MATH 202, Calculus II with Analytic Geometry: 5 hours

*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the number of elective hours; hours need to total 24 to complete the minor.

B. Electives (14 hours required)
Take 14-18 hours of Math Electives with approval of Department

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Offered by Department of Mathematics and Statistics

Mathematics Minor-Elementary Education

MN 1073
Minimum hours required for minor: 24

A. Requirements (12 hours required)
Take all of the following:
- MATH 102 *, College Algebra: 3 hours
- MATH 103 *, Plane Trigonometry: 3 hours
- MATH 230, Math for Elementary Teachers I: 3 hours
- MATH 330, Math for Elementary Teachers II: 3 hours

*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the number of elective hours; hours need to total 24 to complete the minor.

B. Electives: Approved by Department (12 hours required)
Take 12 hours of Math Electives with approval of Department (see Middle School Math)

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Military Science Program

Robert Mendez, Director
Instructors: Alexander, Buetgenback

Military science is the US Army ROTC program offered at the University of Nebraska at Kearney. Its objective is to attract, motivate, prepare, graduate and commission students with leadership potential to serve as commissioned officers in the Regular Army or the US Army Reserve and National Guard components; to provide an understanding of the fundamental concepts and principles of military science; to develop leadership and managerial skills; to develop a basic understanding of associated professional knowledge with a strong sense of personal integrity, honor, and individual responsibility; and to develop an appreciation of the requirements for national security. Through military science classes and the ROTC program, the student who desires a commission may earn one while pursuing a degree.

The Reserve Officers Training Corps is a cooperative effort contractually agreed to by the Army and the University of Nebraska as a means of providing junior officer leadership in the interests of national security. It ensures that students educated in a broad spectrum of American institutions of higher learning are commissioned annually in the Army officer corps.

At the University of Nebraska at Kearney, military science is an elective program that a student may schedule in the same manner as any other elective course. The four-year program consists of a basic course, taken during the freshman and sophomore years, and an advanced course, taken during the junior and senior years. Academic credits earned may apply toward the student’s degree, depending on the discipline. The program provides leadership training designed to qualify graduates for civilian careers in executive and management positions, or as commissioned officers in the US Army. The ROTC program promotes the mental, physical, moral, and leadership development of students.

Curriculum

Military science is not an academic major. Students earn commissions at the same time they earn an academic degree in any discipline of their choice. Credits earned through the Army ROTC program may apply toward a student’s bachelor’s degree. The curriculum cuts across conventional subject boundaries and becomes interdisciplinary. It encourages reflective thinking, goal seeking, and problem solving.

Basic and advanced courses in military science are listed each semester in the University’s Schedule of Classes. In the basic course, you earn from 1 to 2 credits each semester; in the advanced course, 3 credits each semester. A total of 24 credit hours can be earned over the four academic years. Uniforms, textbooks, and equipment are furnished at no cost to the student.

Leadership Training

Leadership training is required each semester as part of the military science curriculum. This training is accomplished through a leadership laboratory conducted two hours each week and one field exercise each semester.

In the basic course, an understanding of teamwork and leadership techniques is developed. This foundation in leadership is enhanced through practical application in rappelling, land navigation and map reading, marksmanship, personal defense activities, survival swimming, military weapons, drill and ceremony, leader reaction exercises, and simulated small unit tactical exercises in field situations.

Advanced course students plan, organize, and conduct the basic course leadership training program, field exercises, and enrichment activities. Leadership and managerial skills are further developed through these activities.
Military science academic (basic) courses may be taken for credit by any University of Nebraska at Kearney student. Military science advanced courses may only be taken by students who have contracted to earn a commission.

Students register for military science courses in the same manner as for any other accredited University course.

Credit for Military Science

Students who have completed initial entry training in one of the armed services, Army Reserves, or Army National Guard, or attended one of the service academies may be granted credit for the basic course and enrolled in the advanced course. Additional credit for active military service or academy attendance may be granted by the professor of the Department of Military Science.

ROTC credit earned at other universities or colleges is transferable to the University of Nebraska. Students who have participated in junior ROTC in high school for three years may be granted credit for the basic course and enrolled in the advanced course. Credit is authorized for less than three years in junior ROTC upon review by the professor of the Department of Military Science.

Obligations

There is no service obligation incurred by taking ROTC in the freshman or sophomore year (basic course). If selected for and enrolled in the advanced course, the student must agree to complete the remaining two years of ROTC and to accept a commission as a second lieutenant, if offered, upon graduation and completion of ROTC program.

ROTC graduates incur one of several obligations. As commissioned officers, they may serve on active duty for a minimum period of three months for branch qualification and the remainder of eight years in an active Reserve component. A second option is to serve on active duty followed by service in the Reserve Forces for a total service of eight years. The third option is to become a Regular Army officer with the intent of making the active Army a career.

Financial Assistance

Four-year ROTC scholarships are offered on a competitive basis to all high school seniors who plan to attend the University of Nebraska at Kearney. Two- and three-year scholarships are available to qualified full-time undergraduate students. Each scholarship will pay all tuition, laboratory expenses, and fees, and $900 for books and supplies, and, in addition, an allowance of $300-$500 per month (tax free) for the school year. In addition, there are two-year scholarships available for those pursuing a graduate degree.

Subsistence payment is made to all students who enroll in the advanced course. They receive $450 (as a junior) and $500 (as a senior) per month during the school year session tax free. In addition, a sum of approximately $700 is received while attending the Leader Development and Assessment Course (LDAC).

Leader Development and Assessment Course (LDAC)

Advanced course students must attend LDAC, normally during the summer between their junior and senior year. At the discretion of the professor of the Department of Military Science, attendance may be postponed until the end of the advanced course.

LDAC consists of practical application of instruction that has been given at the University. Students fire weapons, practice land navigation, and employ the tactics they have learned. Cadets are evaluated in a variety of potentially stressful leadership situations. Leadership is emphasized. Students are paid travel expenses to and from the course and, in addition, receive pay of approximately $700 while there. All accommodations, clothing, and food are furnished.

Two-year Program

This program accommodates students already enrolled at or transferring to the University of Nebraska who have not taken the basic course. Students enrolled in the two-year program may select one of several options. The first and best option is to successfully complete the Leaders Training Course (LTC) during the summer before entering the advanced course. Students are paid travel expenses to and from LTC.

<table>
<thead>
<tr>
<th>Military Science</th>
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They receive approximately $700 in pay and free room and board. No military or ROTC obligation is incurred by LTC attendance. A second option is to take both the first-year and second year basic course programs at the same time. Any one of these options substitutes for the two-year basic course program. Upon entering the advanced course the two-year student takes the same curriculum as all other advanced course students.

Supplementary Programs

Simultaneous Membership Program (SMP)

Provisions of SMP permit full-time college students with two and, on a case-by-case basis three, years of college remaining to actively participate concurrently in the ROTC advanced course and a National Guard or Army Reserve unit.

Combined benefits include tuition assistance, Montgomery GI Bill—Select Reserve (if eligible), monthly pay, and monetary allowances during the school year. Once accepted into the program, the students enroll in Army ROTC courses right along with those courses required for degree completion. The students meet with the National Guard or Army Reserve one weekend each month and serve as a non-deployable officer trainee with a minimum pay grade of sergeant or higher. The $450 (as a junior) and $500 (as a senior) monthly allowance received from ROTC is tax free. Participation in SMP will not interfere with other college assistance you may be receiving.

Upon successful completion of the training program and graduation, you will be eligible for a commission as a second lieutenant in the active Army, Army Reserve, or National Guard.

Airborne/Air Assault/Northern Warfare/Mountain Warfare Schools

Interested and qualified cadets may volunteer for these summer schools which take place on active army posts. These are taken for increased professional development.

Cadet Troop Leader Training (CTLT)

For selected advanced course cadets, three to four weeks of supplementary training are available in a junior officer position within an active Army unit after attending the Leader Development and Assessment Course. Selectees are given experience with command, training, administrative, and logistical functions of a company-level unit, and exposure to the on-duty and off-duty environment of junior officers.

Extracurricular Activity Programs

Ranger Challenge Team, Ranger Company, and Color Guard offer activities to enhance social, professional, and fellowship opportunities while attending the University.

Professional Military Education Requirements (PME)

For all contract cadets there is a requirement to successfully complete an Enhanced Skills Training Program. This requirement may be waived for students with adequate ACT/SAT scores. Advanced course cadets, prior to receiving their commission must also have completed one of the required military history courses. Courses in management and national security studies are also recommended, but are not required.

Guard Officer Leadership Develop (GOLD) Program

The Military Science Program at University of Nebraska at Kearney also offers the GOLD Program for qualified students. The GOLD Program is a unique partnership between the University of Nebraska at Kearney and the Nebraska Army National Guard. Students who qualify for the GOLD Program may earn a commission in the Army National Guard by attending military science classes and the Army National Guard Officer Candidate School (OCS).

The minor in Military Science is available for students pursuing majors in other disciplines.

Courses with the prefix MLSC are offered by the Military Science Program. See page 229.
Military Science Minor

MN 1010
Minimum hours required for minor........................................22

Requirements
Take all of the following:
MLSC 301, Leadership and Problem Solving..........................3 hours
MLSC 302, Leadership and Ethics........................................3 hours
MLSC 336, ROTC Internship.............................................6 hours
MLSC 401, Developing Adaptive Leaders............................3 hours
MLSC 402, Leadership in a Complex World........................3 hours
HIST 315, American Military History................................3 hours
PE 109GS, Activity Class................................................1 hour
(Military Fitness)

Department of Modern Languages

Sonja Kropp, Chair
Professors: Craig, Hart
Associate Professors: S. Kropp, Snider
Assistant Professor: C. Jochum
Senior Lecturers: Beck, S. Schuyler
Lecturers: Arrieta, Chavez, Menjivar

Department Objectives:
• To teach students to communicate in a language other than their own;
• To encourage students to develop a deeper understanding of foreign cultures through the study of languages, linguistics, literatures and civilizations (on campus and abroad);
• To help students gain language proficiency for careers in business, international affairs, translation/interpretation, communications, law, social work, criminal justice, and travel, as well as for advanced professional degrees;
• To prepare students to be successful teachers of languages, cultures and literatures—teachers who can expand their students’ awareness of the interconnectedness of today’s world;
• To offer graduate level education in foreign languages for teachers who want to pursue studies at an advanced level;
• To give students the background necessary for graduate study.

RETOACTIVE CREDIT POLICY:
The Department of Modern Languages will allow credit via a “confirming” course for French/German/English subject to the following conditions:
  a. The confirming course must be the first university-level course completed in the language and must be taken at UNK;
  b. Confirming course numbers are 201, 204 (SPAN) or a 300-400 level course (excluding phonetics) in FREN, GERM or SPAN at UNK;
  c. The student must receive a letter grade of “B” or better in the confirming course and may not repeat the course for the purpose of requesting credits under this policy;
  d. A maximum of 6 credits may be granted in any one language for previous high school or non-college work at a level lower than the confirming course.

Confirming Course Retroactive Credits
Intermediate II
(FREN 201GS/GERM 201GS/SPAN 201GS) or
Culture, Conversation and Writing (SPAN 204GS)......................3
Any 300 or 400 level course except phonetics........................6

After the successful completion of the confirming course students must report to the Chair of the Department of Modern Languages (Thomas Hall, Room 215) with a copy of their grades. The instructor of the confirming course as well as the chair will sign the “request for retroactive credit” form, which will then have to be taken to the registrar’s office for finalization of the process.

FRENCH MAJOR
Three options are available in this major:
I. French Option - Bachelor of Arts Degree
II. French Translation and Interpretation Option - Bachelor of Arts Degree
III. French 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

GERMAN MAJOR
Three options are available in this major:
I. German Option - Bachelor of Arts Degree
II. German Translation and Interpretation Option - Bachelor of Arts Degree
III. German 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

SPANISH MAJOR
Three options are available in this major:
I. Spanish Option - Bachelor of Arts Degree
II. Spanish Translation and Interpretation Option - Bachelor of Arts Degree
III. Spanish 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

ENGLISH AS A SECOND LANGUAGE
• English As a Second Language Teaching Subject Endorsement - Bachelor of Arts in Education Degree

The department offers Certificates in Translation and in Translation/Interpretation.

Courses with the prefixes CHIN, FORL, FREN, GERM, JAPN and SPAN are offered by the department. See pages 199 (CHIN), 210 (FORL), 211 (FREN), 216 (GERM), and 251 (SPAN).

FRENCH MAJOR

Bachelor of Arts

FAH BA 3503

Minimum General Studies .................................................45
- English Language minimum..............................................9
- Humanities minimum..................................................9
- Mathematics, Statistics & Computer Science minimum .........3
- Natural Sciences minimum ..............................................7
- Social and Behavioral Sciences minimum .........................9
- Personal Development minimum ....................................2

BA Language requirement..................................................3-5

Complete one beginning level college course or equivalent competency in a foreign language other than the language of the major

OR

Complete one intermediate or upper level college course or equivalent competency in a foreign language other than the language of the major.
Offered by Department of Modern Languages

French Translation and Interpretation Option

Bachelor of Arts ................................................................. 36

Minimum General Studies ............................................. 45

English Language minimum ........................................ 9

Humanities minimum ...................................................... 9

Mathematics, Statistics & Computer Science minimum ... 3

Natural Sciences minimum .............................................. 7

Social and Behavioral Sciences minimum ....................... 9

Personal Development minimum .................................... 2

BA Language requirement ............................................. 6 including:

FREN 200GS, Intermediate French I ................................ 3 hours
FREN 201GS, Intermediate French II ................................ 3 hours

Major Option ............................................................... 36

Minor or 2nd Major, minimum ...................................... 24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ..................... 108-110

Unrestricted electives in 125 hour program ...................... 15-17

Minimum total hours required for BA in French ............... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. French Option Requirements (27 hours required)

Take all of the following:

FREN 200GS, Intermediate French I ................................ 3 hours
FREN 201GS, Intermediate French II ................................ 3 hours
FREN 303, French Phonetics ......................................... 3 hours
FREN 304, Culture, Conversation, Composition .............. 3 hours
FREN 305, Study of French Civilization ......................... 3 hours
FREN 354, Survey of French Literature I ......................... 3 hours
FREN 355, Survey of French Literature II ....................... 3 hours
FREN 401, Advanced Composition and Grammar Review ... 3 hours
FREN 414, Advanced French Conversation ..................... 3 hours

B. French Option Electives (9 hours required)

Take 6 hours from:

FREN 275, French Study Abroad II ................................ 3 hours
FREN 276, French Study Abroad II ................................ 3 hours
FREN 300-FREN 499

Take 3 hours from:

FREN electives above
FORL 300-FORL 499

Students with high school preparation or native competencies may enter the program at a higher level, reducing total hours for the program. Consult with the department chair for approval.

Modern Languages

FORL 309, Seminar in Translation II ......................... 3 hours
FORL 409, Interpretation I ........................................ 3 hours
FREN 303, French Phonetics ........................................ 3 hours
FREN 304, Culture, Conversation, Composition .......... 3 hours
FREN 305, Study of French Civilization ...................... 3 hours
FREN 333, Commercial French .................................. 3 hours
FREN 401, Advanced Composition and Grammar Review ... 3 hours
FREN 414, Advanced French Conversation .................. 3 hours

B. French Translation and Interpretation Electives

(9 hours required)

Take 9 hours from:

FREN 275, French Study Abroad II ......................... 3 hours
FREN 276, French Study Abroad II ......................... 3 hours
FREN 300-FREN 499

At least 3 hours from:

FREN 354-FREN 357, FREN 420-FREN 421, FREN 470.

Note: Students whose diplomas are from high schools where the language of instruction is French may be advised to substitute courses in English or Speech for FREN 303 or FREN 304.

Offered by Department of Modern Languages

French Major

Bachelor of Arts in Education ........................................ 135

FAH BAE 3504

Minimum General Studies ........................................... 45

including General Studies coursework required by Teacher Education

English Language minimum ........................................ 9 including:

ENG 101GS, Expository Writing ................................... 3 hours
ENG 102GS, Expository Writing ................................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication .... 3 hours

Humanities minimum .................................................. 12 including:

Take 1 course from:

HIST 210GS, Western Civilization .............................. 3 hours
HIST 211GS, Western Civilization .............................. 3 hours
HIST 212GS, Non-Western World History .................... 3 hours
HIST 215GS, Introduction to Latin America ................ 3 hours

Take 1 course from:

HIST 250GS, American History .................................. 3 hours
HIST 251GS, American History .................................. 3 hours

Mathematics, Statistics & Computer Science minimum ... 3

Natural Sciences minimum .......................................... 7

Social and Behavioral Sciences minimum ..................... 9

Personal Development minimum .................................. 3

Professional Sequence .................................................. 30 including:

TE 319, Management and Assessment ......................... 2 hours
TE 320, Field Experience in Secondary Classroom ......... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement ......................................................... 33

Second Subject Endorsement, normally ...................... 30

Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework .................... 138
A. French Teaching Subject Endorsement Requirements
(27 hours required)
Take all of the following:
- FREN 200GS, Intermediate French I..................3 hours
- FREN 201GS, Intermediate French II.................3 hours
- FREN 303, French Phonetics..........................3 hours
- FREN 304, Culture, Conversation, Composition......3 hours
- FREN 305, Study of French Civilization...............3 hours
- FREN 401, Advanced Composition and Grammar Review...3 hours
- FREN 414, Advanced French Conversation..............3 hours
- FORL 472, Foreign Language Pedagogy................3 hours
Take 1 course from:
- FREN 354, Survey of French Literature I...............3 hours
- FREN 355, Survey of French Literature II.............3 hours

B. French Teaching Subject Endorsement Electives
(6 hours required)
Take ONE of the following options:

Study Abroad Option
Take 6 hours at the appropriate level from:
- FREN 275-FREN 276, French Study Abroad I........6 hours
- FREN 375-FREN 376, French Study Abroad III........6 hours
- FREN 475-FREN 476, French Study Abroad IV........6 hours

Literature Option
Take 6 hours from:
- FREN 337, Seminar on French/ Francophone Film.....3 hours
- FREN 357, Seminar on Women in French/
  Francophone Literature..................................3 hours
- FREN 420, The French Novel I..........................3 hours
- FREN 421, The French Novel II..........................3 hours
- FREN 470, Seminar in French/ Francophone Studies.....3 hours
- FREN 499, Independent Studies in French..............3 hours

German Option

Bachelor of Arts FAH BA 3603

Minimum General Studies .........................................45
  English Language minimum..................................9
  Humanities minimum.........................................9
  Mathematics, Statistics & Computer Science minimum...3
  Natural Sciences minimum.................................7
  Social and Behavioral Sciences minimum................9
  Personal Development minimum............................2

BA Language requirement......................................3-5
Complete one beginning level college course or equivalent competency in a foreign language other than the language of the major.

OR
Complete one intermediate or upper level college course or equivalent competency in a foreign language other than the language of the major.

Major Option .......................................................36

Minor or 2nd Major, minimum .................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework......................108-110
Unrestricted electives in 125 hour program.....................15-17
Minimum total hours required for BA in German................125

A. German Option Requirements (24 hours required)
Take all of the following:
- GERM 200GS, Intermediate German I..................3 hours
- GERM 201GS, Intermediate German II...............3 hours
- GERM 204GS, Culture, Conversation and Composition...3 hours
- GERM 302, Phonetics and History of German.........3 hours
- GERM 303, Advanced German Grammar................3 hours
- GERM 304, Advanced Composition and Conversation....3 hours
- GERM 305, German Civilization........................3 hours
- GERM 354, Survey of German Literature...............3 hours

B. German Option Electives (12 hours required)
Take 9-12 hours from:
- GERM 275, German Study Abroad II..................3 hours
- GERM 276, German Study Abroad II..................3 hours
- GERM 300-GERM 499

Take 0-3 hours from:
- GERM electives above
- FORL 300-FORL 499

Students with high school preparation or native competencies may enter the program at a higher level, reducing total hours for the program. Consult with the department chair for approval.

Offered by Department of Modern Languages
German Major

German Translation and Interpretation Option

Bachelor of Arts FAH BA 3606

Minimum General Studies ........................................45
  English Language minimum................................9
  Humanities minimum.........................................9
  Mathematics, Statistics & Computer Science minimum...3
  Natural Sciences minimum.................................7
  Social and Behavioral Sciences minimum................9
  Personal Development minimum............................2

BA Language requirement.................................6 including:
  GERM 200GS, Intermediate German I..................3 hours
  GERM 201GS, Intermediate German II...............3 hours

Major Option .......................................................36

Minor or 2nd Major, minimum .................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework....................111
Unrestricted electives in 125 hour program.....................14
Minimum total hours required for BA in German................125

A. German Translation and Interpretation Requirements
(27 hours required)
Take all of the following:
- FORL 308, Seminar in Translation I...................3 hours
- FORL 309, Seminar in Translation II..................3 hours
- FORL 409, Interpretation I................................3 hours
- GERM 203, Commercial German..........................3 hours
- GERM 204GS, Culture, Conversation and Composition...3 hours
GERM 303, Advanced German Grammar .......................... 3 hours  
GERM 304, Advanced Composition and Conversation I ....... 3 hours  
GERM 305, German Civilization ...................................... 3 hours  
GERM 414, Advanced Composition and Conversation II ..... 3 hours  

B. German Translation and Interpretation Electives  
(9 hours required)  
Take 9 hours from:  
  GERM 275, German Study Abroad II ........................ 3 hours  
  GERM 276, German Study Abroad II ........................ 3 hours  
  GERM 300-GERM 499  
At least 3 hours from:  
  GERM 301, GERM 339-GERM 357, GERM 400-GERM 403, GERM 425-GERM 470.  

Note: Students whose diplomas are from high schools where the language of instruction is German may be advised to substitute courses in English or Speech for GERM 204GS, GERM 303 or GERM 304.

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**German 7-12 Teaching Subject Endorsement Option**

**Bachelor of Arts in Education**  
FAH BA 3604  

**Minimum General Studies** ............................................. 45  
including General Studies coursework required by Teacher Education  
English Language minimum ................................. 9 including:  
  ENG 101GS, Expository Writing ............................... 3 hours  
  ENG 102GS, Expository Writing ............................... 3 hours  
  SPCH 100GS, Fundamentals of Speech Communication ... 3 hours  
**Humanities minimum** .............................................. 12 including:  
  Take 1 course from:  
    HIST 210GS, Western Civilization ........................ 3 hours  
    HIST 211GS, Western Civilization ........................ 3 hours  
  Take 1 course from:  
    HIST 212GS, Non-Western World History ............... 3 hours  
    HIST 215GS, Introduction to Latin America ............. 3 hours  
**Take any Economic Perspective GS course** ................. 3 hours  
**Take any GS course from:**  
  Social Perspective, Geographical Perspective or  
  Behavioral Perspective ........................................... 3 hours  
**Personal Development minimum** .............................. 3 including:  
  PE 160GS, Healthful Living .................................. 3 hours  
**Natural Sciences minimum** ...................................... 7  
  Social and Behavioral Sciences minimum .................. 9 including:  
  PSCI 110GS, Introduction to American Politics ........... 3 hours  
**Take any Economic Perspective GS course** ................. 3 hours  
**Take any GS course from:**  
  Social Perspective, Geographical Perspective or  
  Behavioral Perspective ........................................... 3 hours  
  Take any Economic Perspective GS course ................. 2 hours  

**Professional Sequence** ........................................... 30 including:  
  TE 319, Management and Assessment in K-12/Secondary Classrooms .... 2 hours  
  TE 320, Field Experience in Secondary Classroom ........ 2 hours  

**Endorsement** .................................................... 33  
**Second Subject Endorsement, normally** ..................... 30  
**Minimum total hours required coursework** .................. 138  
**Unrestricted electives in 125 hour program** ............... 0  
**Minimum total hours required for BAE** ....................... 138  

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

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**Modern Languages**

**A. German Teaching Subject Endorsement Requirements**  
(27 hours required)  
Take all of the following:  
  GERM 200GS, Intermediate German I ..................... 3 hours  
  GERM 201GS, Intermediate German II ..................... 3 hours  
  GERM 204GS, Culture, Conversation and Composition .... 3 hours  
  GERM 302, Phonetics and History of German .............. 3 hours  
  GERM 303, Advanced German Grammar ....................... 3 hours  
  GERM 304, Advanced Composition and Conversation I .... 3 hours  
  GERM 305, German Civilization .............................. 3 hours  
  GERM 354, Survey of German Literature .................... 3 hours  
  FORL 472, Foreign Language Pedagogy ....................... 3 hours  

**B. German Teaching Subject Endorsement Electives**  
(6 hours required)  
Take ONE of the following options:  

**Study Abroad Option**  
Take 6 hours at the appropriate level from:  
  GERM 275-GERM 276, German Study Abroad II ........... 6 hours  
  GERM 375-GERM 376, German Study Abroad III ........... 6 hours  
  GERM 475-GERM 476, German Study Abroad IV ............ 6 hours  

**Literature Option**  
Take 6 hours from:  
  GERM 301, Novelle ............................................ 3 hours  
  GERM 337, Seminar on German Film ......................... 3 hours  
  GERM 339, Modern German Literature ....................... 3 hours  
  GERM 357, Seminar on Women in German Literature ...... 3 hours  
  GERM 400, German Drama ..................................... 3 hours  
  GERM 401, Contemporary German Drama .................... 3 hours  
  GERM 403, German Novel ..................................... 3 hours  
  GERM 425, Modern German Poetry ............................ 3 hours  
  GERM 450, Goethe and His Times ............................ 3 hours  
  GERM 470, Seminar in German Studies ...................... 3 hours  
  GERM 498, Independent Studies in German ................ 3 hours  

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**Spanish Option**

**Bachelor of Arts**  
FAH BA 3703  

**BA Language requirement** ........................................ 3-5  
Complete one beginning level college course or equivalent competency in a foreign language other than the language of the major  
**OR**  
Complete one intermediate or upper level college course or equivalent competency in a foreign language other than the language of the major.

**Major Option** .................................................... 36  
**Minor or 2nd Major, minimum** ................................ 24  
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.  
**Minimum total hours required coursework** .................. 108-110  
**Unrestricted electives in 125 hour program** ............... 15-17
Minimum total hours required for BA in Spanish.........................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Spanish Option Requirements (24 hours required)

Take all of the following:

- SPAN 200GS, Intermediate Spanish I .........................3 hours
- SPAN 201GS, Intermediate Spanish II .................................3 hours
- SPAN 204GS, Culture, Conversation, and Writing ..............3 hours
- SPAN 302, Spanish Phonetics/Phonology ......................3 hours
- SPAN 303, Advanced Spanish Grammar .....................3 hours
- SPAN 304, Advanced Conversation and Composition .......3 hours

Take 1 course from:

- SPAN 305, Spanish Civilization ..................................3 hours
- SPAN 360, Latin American Civilization .....................3 hours

Take 1 course from:

- SPAN 306, Survey of Spanish Literature I .................3 hours
- SPAN 307, Survey of Spanish Literature II ...............3 hours
- SPAN 430, Survey of Latin American Literature ..........3 hours

B. Spanish Option Electives (12 hours required)

Take 9 hours from:

- SPAN 275, Spanish Study Abroad II .......................3 hours
- SPAN 276, Spanish Study Abroad II .......................3 hours
- SPAN 300-SPLAN 499

Take 3 hours from:

- SPAN electives above
- FORL 300-FORL 499

Students with high school preparation or native competencies may enter the program at a higher level, reducing total hours for the program. Consult with the department chair for approval.

Offered by Department of Modern Languages

Spanish Major

Spanish Translation and Interpretation Option

Bachelor of Arts FAH BA 3707

Minimum General Studies ............................45

English Language minimum ...........................................9

Humanities minimum ..................................................9

Mathematics, Statistics & Computer Science minimum ....3

Natural Sciences minimum ..........................7

Social and Behavioral Sciences minimum .................9

Personal Development minimum ..........................2

BA Language requirement .................................. 6 including:

- SPAN 200GS, Intermediate Spanish I .................3 hours
- SPAN 201GS, Intermediate Spanish II ..................3 hours

Major Option .................................................................36

Minor or 2nd Major, minimum ......................................24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ....................111

Unrestricted electives in 125 hour program .................14

Minimum total hours required for BA

in Spanish Translation and Interpretation ................125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Spanish Translation and Interpretation Requirements
(30 hours required)

Take all of the following:

- FORL 308, Seminar in Translation I .........................3 hours
- FORL 309, Seminar in Translation II .........................3 hours
- FORL 409, Interpretation I ........................................3 hours
- FORL 410, Interpretation II .....................................3 hours

Take all of the following:

- SPAN 204GS, Culture, Conversation and Writing ..........3 hours
- SPAN 303, Advanced Spanish Grammar ..................3 hours
- SPAN 304, Advanced Conversation and Composition ....3 hours
- SPAN 333, Commercial Spanish ................................3 hours
- SPAN 408, Comparative Grammar ..........................3 hours

Take 1 course from:

- SPAN 305, Spanish Civilization ..................................3 hours
- SPAN 360, Latin American Civilization .....................3 hours

B. Spanish Translation and Interpretation Electives
(6 hours required)

Take 6 hours from:

- SPAN 275, Spanish Study Abroad II .......................3 hours
- SPAN 276, Spanish Study Abroad II .......................3 hours
- SPAN 300-SPLAN 499

Note: Students whose diplomas are from high schools where the language of instruction is Spanish may be advised to substitute courses in English or Speech for SPAN 204GS, SPAN 303 or SPAN 304.

Offered by Department of Modern Languages

Spanish Major

Spanish 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education FAH BAE 3704

Minimum General Studies .............................................................45

including General Studies coursework required by Teacher Education

English Language minimum .........................................................9 including:

- ENG 101GS, Expository Writing I .........................3 hours
- ENG 102GS, Expository Writing II .........................3 hours
- SPCCH 100GS, Fundamentals of Speech Communication .......3 hours

Humanities minimum .........................................................12 including:

Take 1 course from:

- HIST 210GS, Western Civilization .........................3 hours
- HIST 211GS, Western Civilization .........................3 hours
- HIST 212GS, Non-Western World History .................3 hours
- HIST 215GS, Introduction to Latin America ...........3 hours

Take 1 course from:

- HIST 250GS, American History ..........................3 hours
- HIST 251GS, American History ..........................3 hours

Mathematics, Statistics & Computer Science minimum ....3

Natural Sciences minimum .........................................................7

Social and Behavioral Sciences minimum .........................9 including:

- PSCH 110GS, Introduction to American Politics ...........3 hours

Take any Economic Perspective GS course ..................3 hours

Take any GS course from:

- Social Perspective,
- Geographical Perspective or
- Behavioral Perspective ............................................3 hours

Personal Development minimum ............................................3 including:

- PE 160GS, Healthful Living .................................3 hours

Professional Sequence .................................................30 including:

- TE 319, Management and Assessment
  in K-12/Secondary Classrooms .........................2 hours
- TE 320, Field Experience in Secondary Classroom ....2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement ...............................................................33
A. Spanish Teaching Subject Endorsement Requirements
(27 hours required)
Take all of the following:
- SPAN 200GS, Intermediate Spanish I .................. 3 hours
- SPAN 201GS, Intermediate Spanish II .................. 3 hours
- SPAN 204GS, Culture, Conversation & Writing ........... 3 hours
- SPAN 302, Spanish Phonetics/Phonology ................. 3 hours
- SPAN 303, Advanced Spanish Grammar .................. 3 hours
- SPAN 304, Advanced Conversation and Composition .... 3 hours
- SPAN 408, Comparative Grammar ......................... 3 hours
- FORL 472, Foreign Language Pedagogy ................... 3 hours

Take 1 course from:
- SPAN 305, Spanish Civilization ......................... 3 hours
- SPAN 360, Latin American Civilization .................. 3 hours

B. Spanish Teaching Subject Endorsement Electives
(6 hours required)
Take ONE of the following options:

Study Abroad Option
Take 6 hours at the appropriate level from:
- SPAN 275-SPAN 276, Spanish Study Abroad II ........ 6 hours
- SPAN 375-SPAN 376, Spanish Study Abroad III ...... 6 hours
- SPAN 475- SPAN 476, Spanish Study Abroad IV ...... 6 hours

Literature Option
Take 1 course from:
- SPAN 306, Survey of Spanish Literature I .............. 3 hours
- SPAN 307, Survey of Spanish Literature II .............. 3 hours
- SPAN 430, Survey of Latin American Literature ....... 3 hours

Take 1 course from:
- SPAN 337, Seminar on Hispanic Film .................... 3 hours
- SPAN 357, Seminar on Women in Hispanic Literature .. 3 hours
- SPAN 400, Golden Age Drama ................................ 3 hours
- SPAN 401, Modern Hispanic Drama ....................... 3 hours
- SPAN 419, Short Story ....................................... 3 hours
- SPAN 420, Spanish Novel .................................... 3 hours
- SPAN 421, Latin American Novel .......................... 3 hours
- SPAN 425, Modern Hispanic Poetry ....................... 3 hours
- SPAN 435, Cervantes ......................................... 3 hours
- SPAN 470, Seminar in Spanish/Latin American Studies .. 3 hours
- SPAN 499, Independent Studies in Spanish ............... 3 hours

Offered by Departments of Teacher Education Modern Languages

English as a Second Language Teaching Subject Endorsement

Bachelor of Arts in Education FAH BAE 3404

Minimum General Studies .................................................. 45
including General Studies coursework required by Teacher Education
- ENG 101GS, Expository Writing I ......................... 3 hours
- ENG 102GS, Expository Writing II ......................... 3 hours
- SPCH 100GS, Fundamentals of Speech Communication .. 3 hours

Minimum total hours required for BAE in Spanish 7-12 Teaching Subject Endorsement .......... 138
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Minimum total hours required for coursework in Spanish 7-12 Teaching Subject Endorsement .......... 138

Minimum total hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Requirements (15 hours required)

Humanities minimum .................................................. 12 including:
- HIST 210GS, Western Civilization ......................... 3 hours
- HIST 211GS, Western Civilization ......................... 3 hours
- HIST 212GS, Non-Western World History ................ 3 hours
- HIST 215GS, Introduction to Latin America .............. 3 hours

Take 1 course from:
- HIST 250GS, American History .......................... 3 hours
- HIST 251GS, American History .......................... 3 hours

Mathematics, Statistics & Computer Science minimum .......... 3

Take any Economic Perspective course .......................... 3 hours
Take any course from Social Perspective, Geographical Perspective or Behavioral Perspective .................. 3 hours

Social and Behavioral Sciences minimum .................. 9 including:
- PSCI 110GS, Introduction to American Politics ......... 3 hours

Take any Economics Perspective GS course .................. 3 hours

Personal Development minimum .................................. 3 including:
- PE 160GS, Healthful Living .................................. 3 hours

Professional Sequence .................................................. 30 including:
- TE 319, Management and Assessment in K-12/Secondary Classrooms .......................... 2 hours
- SPCH 154, Cross-Cultural Communication ............... 3 hours
- FORL 472, Foreign Language Pedagogy .................. 3 hours
- TE 321, Introduction to Language Minority Students ... 2 hours
- TE 329, Educational Assessment of ESL Students ....... 3 hours

Minimum total hours required for coursework in Spanish 7-12 Teaching Subject Endorsement .......... 125

Minimum total hours required for BAE in English as a Second Language Subject Endorsement .......... 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. TESOL Requirements (20 hours required)
Take all of the following:
- ENG 303, Introduction to Linguistics ..................... 3 hours
- FORL 470, TESOL .............................................. 3 hours
- FORL 472, Foreign Language Pedagogy .................. 3 hours
- FORL 473, Language and Culture ......................... 3 hours
- SPCH 154, Cross-Cultural Communication ............... 3 hours
- TE 327, Introduction to Language Minority Students ... 2 hours
- TE 328, Content Methods in English as a Second Language .. hours
- TE 329, Educational Assessment of ESL Students ....... 3 hours

B. Other Requirement (0-10 hours required)
Modern Languages .......................................................... 0-10 hours
One year of another language or equivalence in a language other than a native language at University level (10 credit hours). Fall 1997 admission requirements will normally meet this expectation.

Offered by Department of Modern Languages

French Minor

MN 1025
Minimum hours required for minor .................................... 24

Take all of the following:
- FREN 200GS, Intermediate French I ....................... 3 hours
- FREN 201GS, Intermediate French II ....................... 3 hours
- FREN 303, French Phonetics .................................. 3 hours
Take 1 course from:
FREN 304, Culture, Conversation, Composition ..........3 hours
FREN 305, Study of French Civilization ....................3 hours
Take 1 course from:
FREN 354, Survey of French Literature I ..................3 hours
FREN 355, Survey of French Literature II .................3 hours

B. Electives (9 hours required)
  Take 6-9 hours from:
  FREN 275-FREN 276
  FREN 303-FREN 499
  Take 0-3 hours from:
  FORL 300-FORL 499

Offered by Department of Modern Languages
Spanish Minor

MN 1027
Minimum hours required for minor ...........................................24
A. Requirements (18 hours required)
  Take all of the following:
  SPAN 200GS, Intermediate Spanish I ....................3 hours
  SPAN 201GS, Intermediate Spanish II ....................3 hours
  SPAN 204GS, Culture, Conversation, and Writing ..........3 hours
  SPAN 303, Advanced Spanish Grammar ....................3 hours
  SPAN 304, Advanced Conversation and Composition .......3 hours

B. Electives (6 hours required)
  Take 3-6 hours from:
  GERM 275-GERM 276
  GERM 301-GERM 499
  Take 0-3 hours from:
  FORL 300-FORL 499 Electives

Offered by Department of Modern Languages
Japanese Minor

MN 1079
Minimum hours required for minor ...........................................24
A. Requirements (10 hours required)
  Take all of the following:
  JAPN 100GS, Beginning Japanese I ......................5 hours
  JAPN 101GS, Beginning Japanese II .....................5 hours

B. Electives (14 hours required)
  Take 14 hours from Sapporo University.
  See Department Chair for requirements.

Offered by Department of Modern Languages
German Minor

MN 1026
Minimum hours required for minor ...........................................24
A. Requirements (18 hours required)
  Take all of the following:
  GERM 200GS, Intermediate German I ....................3 hours
  GERM 201GS, Intermediate German II ....................3 hours
  GERM 204GS, Culture, Conversation and Composition ....3 hours
  GERM 304, Advanced Composition and Conversation I ....3 hours
  GERM 305, German Civilization ................................3 hours
  GERM 354, Survey of German Literature ..................3 hours

B. Electives (6 hours required)
  Take 3-6 hours from:
  GERM 275-GERM 276
  GERM 301-GERM 499
  Take 0-3 hours from:
  FORL 300-FORL 499 Electives

Take 1 course from:
SPAN 305, Spanish Civilization ..................................3 hours
SPAN 360, Latin American Civilization .......................3 hours

B. Electives (6 hours required)
  Take 3-6 hours from:
  SPAN 275, Spanish Study Abroad II ......................3 hours
  SPAN 276, Spanish Study Abroad II ......................3 hours
  SPAN 300-SPAN 499
  Take 0-3 hours from:
  FORL 300-FORL 499

Offered by Department of Modern Languages
Minor in Translation - French Option

MN 1076
Minimum hours required for minor ...........................................24
A. Requirements (18 hours required)
  Take all of the following:
  FORL 308, Seminar in Translation I ......................3 hours
  FORL 309, Seminar in Translation II .....................3 hours
  FREN 304, Culture, Conversation, Composition ..........3 hours
  (Prereq: FREN 201GS)
  FREN 305, Study of French Civilization ..................3 hours
  (Prereq: FREN 201GS)
  FREN 333, Commercial French ................................3 hours
  (Prereq: FREN 201GS)
  FREN 401, Advanced Composition and Grammar Review ..3 hours

B. Electives (6 hours required)
  Take 6 hours from:
  FREN 275, French Study Abroad II ......................3 hours
  FREN 276, French Study Abroad II ......................3 hours
  FREN 300-FREN 499

Note: Students whose diplomas are from high schools where the language of instruction is French may be advised to substitute courses in English or Speech for FREN 303 or FREN 304.
This minor may require additional hours for students who have not completed intermediate French courses as part of their degree and major.

Offered by Department of Modern Languages
Minor in Translation - German Option

MN 1077
Minimum hours required for minor ...........................................24
A. Requirements (15 hours required)
  Take all of the following:
  FORL 308, Seminar in Translation I ......................3 hours
  FORL 309, Seminar in Translation II .....................3 hours
  GERM 303, Advanced German Grammar ....................3 hours
  (Prereq: GERM 201GS or equivalent)
  GERM 304, Advanced Composition and Conversation I ....3 hours
  (Prereq: GERM 201GS or equivalent)
  GERM 305, German Civilization ................................3 hours
  (Prereq: GERM 201GS or equivalent)

B. Electives (9 hours required)
  Take 9 hours from:
  GERM 275, German Study Abroad II ......................3 hours
  GERM 276, German Study Abroad II ......................3 hours
  GERM 300-GERM 499

Note: Students whose diplomas are from high schools where the language of instruction is German may be advised to substitute courses in English or Speech for GERM 303 or GERM 304.
This minor may require additional hours for students who have not completed intermediate German courses as part of their degree and major.
Music and Performing Arts

- To offer leadership in the musical life of the area by providing participative, collaborative and advisory services;
- To present concerts, recitals, musicals, operas and music for special events;

Theatre
- To assist students in the development of skills and attitudes conducive to a lifetime of independent learning, with an awareness and appreciation for diverse views, and an understanding of the contributions of theatre to society and culture;
- To offer students a broad practical and theoretical knowledge of Theatre as a Fine Art and as one of the humanities, while developing a world view of theatre through specialized training in history, dramatic literature, performance, design, and theatre technology;
- To provide students with an appreciation of the demands of the professional marketplace, and prepare them for productive careers in the Theatre Arts through work in the classroom, on the stage, and in professional settings.

Requirements
1. All students planning to major or minor in music must complete admission requirements as determined by the Department of Music and Performing Arts. Application for admission including audition must be submitted prior to enrollment. Music majors and minors must choose an area of applied music and meet the proficiency standards of the Department for admission and graduation. All new students will audition to determine their performance level. Students who do not meet admission requirements may be admitted provisionally. Once students have been accepted into a program they must receive departmental approval to change their applied music area or academic program.

2. All music majors and minors are required to complete piano requirements, including a proficiency examination as determined by the Department of Music and Performing Arts. Students are strongly encouraged to maintain continuous enrollment in piano until the Piano proficiency examination is completed. All piano examination requirements must be completed prior to registration for Field Experience/Student Teaching (Music Education majors), Internship (Music Business majors) or Senior Recital (Performance/Musical Theatre majors).

The placement level in piano classes will be made by the piano faculty at the time of the entrance audition. Those with limited keyboard background will be placed into the appropriate Piano Techniques class. Students with keyboard facility will be placed into Keyboard Harmonization (the entire exam is covered in one semester) or, under the advisement of the piano faculty, may elect to independently prepare for and take the full piano proficiency examination, given by a committee of piano faculty, by the end of their third semester. Degree requirements are outlined in the Piano Proficiency Packet. Proficiency examinations are scheduled each semester.

3. Every full-time music major or minor must participate in a large ensemble every semester until the large ensemble degree requirement is satisfied. Wind and percussion students will elect band (flute, oboe, clarinet and bassoon students may elect the orchestra once the two semester marching band requirements have been met); string students will elect the orchestra; voice
students will elect an appropriate vocal ensemble; guitar students will elect any ensemble; keyboard students will elect any ensemble or appropriate accompaniment/chamber music assignment for their participation (except the semester enrolled in Senior Recital). After the large ensemble requirement is met, all full-time music majors must participate in at least one ensemble each semester, except the semester enrolled in Internship or Student Teaching.

4. Students completing requirements for a major or minor in music must earn the total number of credits listed for their specific program. Completion of a course through proficiency examination does not reduce the total number of program credits required.

5. Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation. Specific requirements should be obtained from the advisor in the student’s first semester as a music major.

A semester by semester outline of suggested courses for each degree option is available in the Music and Performing Arts Office.

MUSIC MAJOR

Five options are available in this major:

I. Music Option - Bachelor of Arts Degree
II. Music Performance Comprehensive Option - Bachelor of Music Degree
  - Composition Emphasis
  - Instrumental Emphasis
  - Piano Performance Emphasis
  - Piano Performance with Pedagogy Emphasis
  - Vocal Emphasis
III. Musical Theatre Comprehensive Option - Bachelor of Arts in Education Degree
IV. Music Business Emphasis, Music Comprehensive Option - Bachelor of Music Degree
V. Music K-12 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

THEATRE MAJOR

Two options are available in this major:

I. Theatre Option - Bachelor of Arts Degree
II. Theatre 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

Minors in Music, Dance, and Theatre are available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in Music.

A Pre-Professional Program in Music Therapy is available.

Courses with the prefixes MUS, DAN, and THEA are offered by the department. See pages 231 (MUS), 204 (DANC), and 258 (THEA).

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Offered by Department of Music and Performing Arts
Music Major

Music Option

Bachelor of Arts FAH BA 4104

Minimum General Studies .................................................. 45
  English Language minimum.................................................. 9
  Humanities minimum...................................................... 9
  Mathematics, Statistics & Computer Science minimum.............. 3
  Natural Sciences minimum.................................................. 7
  Social and Behavioral Sciences minimum.................................... 9
  Personal Development minimum............................................. 2

BA Language requirement.............................................. a minimum of 6

For specific language requirements see Bachelor of Arts Degree requirements.

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Offered by Department of Music and Performing Arts

Music Performance Comprehensive Option

Composition, Instrumental, Piano, Piano with Pedagogy, Vocal

Bachelor of Music FAH BM 4111

Minimum General Studies .................................................. 45
  English Language minimum.................................................. 9
  Humanities minimum...................................................... 9
  Mathematics, Statistics & Computer Science minimum.............. 3
  Natural Sciences minimum.................................................. 7

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Major Option ................................................................. 37

Minor or 2nd Major, minimum .............................................. 24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework............................... 112

Unrestricted electives in 125 hour program .................................. 13

Minimum total hours required for BA in Music............................ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Music Core Requirements (27 hours required)

Take all of the following:

MUS 198, Sight Singing and Ear Training I ................................ 1 hour
MUS 199, Sight Singing and Ear Training II .............................. 1 hour
MUS 200, Theory I .............................................................. 3 hours
MUS 201, Theory II ............................................................ 3 hours
MUS 337, Sight Singing and Ear Training III ............................. 1 hour
MUS 338, Sight Singing and Ear Training IV ............................. 1 hour
MUS 339, Theory III ........................................................... 3 hours
MUS 340, Theory IV ............................................................ 3 hours
MUS 365, Form and Analysis .................................................. 2 hours
MUS 447, Music History and Literature I .................................. 3 hours
MUS 448, Music History and Literature II ................................. 3 hours

Take 3 hours from the following:

Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.

MUS 140*, Piano Techniques I .............................................. 1 hour
MUS 141*, Piano Techniques II ............................................. 1 hour
MUS 240*, Piano Techniques III ............................................. 1 hour
MUS 260*, Keyboard Harmonization ....................................... 1 hour

*Requirements may be met through proficiency examination; hours to be replaced by Music Electives. See advisor.

B. Music Private Instruction (8 hours required)

Take 3-5 hours in one area (voice, piano or single band/orchestral instrument) from:

MUS 150, Private Instruction, Primary Instrument ...................... 1 hour
Take 3-5 hours in same area as above (voice, piano or single band/orchestral instrument) from:

MUS 350, Advanced Private Instruction ................................ 1 hour
Take 0-2 hours in any one area (voice, piano or single band/orchestral instrument) from:

MUS 149, Private Instruction, Secondary Instrument ................ 1 hour

C. Music Ensembles (2 hours required)

Take 2 hours from:

MUS 103, University Band .................................................... 1 hour
MUS 104, Symphonic Band .................................................. 1 hour
MUS 105, Wind Ensemble .................................................... 1 hour
MUS 173, Choraleers ........................................................... 1 hour
MUS 174, University Men’s Chorus ........................................ 1 hour
MUS 176, University Women’s Chorus .................................... 1 hour
MUS 220, Kearney Area Symphony Orchestra ......................... 1 hour
Social and Behavioral Sciences minimum ................................. 9
Personal Development minimum ........................................... 2

**Major Option** ................................................................. 80-82

Minimum total hours required coursework .................................. 125-127

Unrestricted electives in 125 hour program .................................. 0

Minimum total hours required for BM in Music Performance ................................................................. 125-127

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

### A. Music Performance Core Requirements (26 hours required)

Take all of the following:

- MUS 198, Sight Singing and Ear Training I .................. 1 hour
- MUS 199, Sight Singing and Ear Training II .................. 1 hour
- MUS 200, Theory I .................................................. 3 hours
- MUS 201, Theory II .................................................. 3 hours
- MUS 337, Sight Singing and Ear Training III .................. 1 hour
- MUS 338, Sight Singing and Ear Training IV .................. 1 hour
- MUS 339, Theory III ............................................... 3 hours
- MUS 340, Theory IV ............................................... 3 hours
- MUS 365, Form and Analysis .................................. 2 hours
- MUS 425, Arranging .................................................. 2 hours
- MUS 447, Music History and Literature I .................. 3 hours
- MUS 448, Music History and Literature II .................. 3 hours

### B. Music Performance Private Instruction (14 hours required)

Take 3-7 hours in one area (voice, piano or single band/orchestral instrument) from:

- MUS 150, Private Instruction, Primary Instrument .......... 1 hour
- MUS 151, Private Instruction, Primary Instrument ....... 2 hours

Take 7-11 hours from:

- MUS 350, Advanced Private Instruction .................. 1 hour
- MUS 351, Advanced Private Instruction ................. 2 hours

### C. Music Performance Ensemble Option (4-8 hours required)

Take ONE of three options:

1. **Option for Composition Majors (8 hours required)**

   (See advisor before choosing Ensembles.)

   Take 6 hours from:

   - MUS 103, University Band ........................................... 1 hour
   - MUS 104, Symphonic Band ......................................... 1 hour
   - MUS 105, Wind Ensemble .......................................... 1 hour
   - MUS 173, Choraleers ............................................ 1 hour
   - MUS 174, University Men's Chorus .......................... 1 hour
   - MUS 176, University Women's Chorus ...................... 1 hour
   - MUS 220, Kearney Area Symphony Orchestra .... 1 hour

   Take 2 hours from:

   - MUS 165, Small Ensembles ........................................ 1 hour

2. **Option for Piano Majors (4 hours required)**

   (See advisor before choosing Ensembles.)

   Take 4 hours from:

   - MUS 103, University Band ........................................... 1 hour
   - MUS 104, Symphonic Band ......................................... 1 hour
   - MUS 105, Wind Ensemble .......................................... 1 hour
   - MUS 173, Choraleers ............................................ 1 hour
   - MUS 174, University Men's Chorus .......................... 1 hour
   - MUS 176, University Women's Chorus ...................... 1 hour
   - MUS 220, Kearney Area Symphony Orchestra .... 1 hour

3. **Option for Instrumental and Vocal Majors (8 hours required)**

   (See advisor before choosing Ensembles.)

   Take 8 hours from:

   - MUS 103, University Band ........................................... 1 hour
   - MUS 104, Symphonic Band ......................................... 1 hour
   - MUS 105, Wind Ensemble .......................................... 1 hour
   - MUS 173, Choraleers ............................................ 1 hour
   - MUS 174, University Men's Chorus .......................... 1 hour
   - MUS 176, University Women's Chorus ...................... 1 hour
   - MUS 220, Kearney Area Symphony Orchestra .... 1 hour

### D. Music Performance Supporting Courses (32-38 hours required)

Complete ONE of the four following emphases:

#### 1. Composition Emphasis (34 hours required)

**EP 3039**

- **A. Requirements (15 hours required)**
  - Take all of the following:
    - MUS 110, Brass Techniques ........................................ 1 hour
    - MUS 111, Woodwind Techniques ................................. 2 hours
    - MUS 114, Percussion Techniques ................................ 1 hour
    - MUS 120, String Techniques ...................................... 1 hour
    - MUS 130, Voice Techniques ...................................... 1 hour
    - (Voice principals may substitute Vocal Diction)
  - MUS 488, Recital (Junior) ........................................ 1 hour
  - MUS 488, Recital (Senior) ......................................... 1 hour

  Take one of the following:

  - MUS 406, Instrumental Conducting & Literature ........... 3 hours
  - MUS 407, Choral Conducting and Literature ............... 3 hours

  Take 4 hours from the following options:

  - Option one: take 4 hours:
    - Placement into the appropriate level piano class
      will be determined by the piano faculty at the time of the entrance audition.
    - MUS 140*, Piano Techniques I .................................. 1 hour
    - MUS 141*, Piano Techniques II ................................ 1 hour
    - MUS 240*, Piano Techniques III .............................. 1 hour
    - MUS 241*, Piano Techniques IV ............................... 1 hour
  - OR Option two: take 4 hours:
    - MUS 260*, Keyboard Harmonization .......................... 1 hour
    - Music Electives .................................................. 3 hours

- **Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.**

- **B. Private Instruction (4 hours required)**
  - Take 4 hours from:
    - MUS 149, Private Instruction - Secondary Instrument .. 1 hour

- **At least two hours must be in piano.**

- **C. Electives (15 hours required)**
  - Take 15 hours from:
    - MUS 100-MUS 499.

- **(Senior hours are recommended—see advisor.)**

#### 2. Instrumental Emphasis (32 hours required)

**EP 3040**

- **A. Requirements (13 hours required)**
  - Take 1 hour from:
    - MUS 110, Brass Techniques ........................................ 1 hour
    - MUS 111, Woodwind Techniques ................................. 2 hours
    - MUS 114, Percussion Techniques ................................ 1 hour
    - MUS 120, String Techniques ...................................... 1 hour
  - Take all of the following:
    - MUS 406, Instrumental Conducting & Literature ....... 3 hours
    - MUS 460, Independent Study and Research ............... 3 hours
    - MUS 488, Recital (Junior) ........................................ 1 hour
    - MUS 488, Recital (Senior) ......................................... 1 hour

  Take 4 hours from the following:

  - Placement into the appropriate level piano class
    will be determined by the piano faculty at the time of the entrance audition.
  - MUS 140*, Piano Techniques I .................................. 1 hour
  - MUS 141*, Piano Techniques II ................................ 1 hour
  - MUS 240*, Piano Techniques III .............................. 1 hour

- **(Voice principals may substitute Vocal Diction)**
  - MUS 488, Recital (Junior) ........................................ 1 hour
  - MUS 488, Recital (Senior) ......................................... 1 hour
B. Private Instruction (4 hours required)
Take 4 hours from:
MUS 149, Private Instruction - Secondary Instrument .. 1 hour

C. Electives (15 hours required)
Take 15 hours from:
MUS 100-MUS 499.
(Senior hours are recommended—see advisor.)

3. Piano Emphasis (37-38 hours required)
Take ONE of the following options:
(1) Piano Performance (38 hours required)
EP 3041

A. Requirements (20 hours required)
Take all of the following:
MUS 166, Accompanying ........................................ 2 hours
MUS 167, Practicum in Accompanying .......................... 3 hours
MUS 260*, Keyboard Harmonization .......................... 1 hour
MUS 432, Fundamentals of Piano Pedagogy I ............... 3 hours
MUS 433, Fundamentals of Piano Pedagogy II ............ 2 hours
MUS 456, Piano Literature I ..................................... 3 hours
MUS 457, Piano Literature II .................................... 3 hours
MUS 460, Independent Study and Research .................. 3 hours
(MDU Piano Performance) ....................................... 1 hour
MUS 488, Recital (Junior) ......................................... 1 hour
MUS 488, Recital (Senior) ......................................... 1 hour
*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.

B. Private Instruction (4 hours required)
Take 4 hours from:
MUS 149, Private Instruction - Secondary Instrument .. 1 hour

C. Required Option (3 hours required)
Take 1 course from:
MUS 406, Instrumental Conducting & Literature .......... 3 hours
MUS 407, Choral Conducting and Literature ............... 3 hours
MUS 430, Vocal Pedagogy ......................................... 3 hours
MUS 240*, Piano Techniques III ............................... 1 hour
MUS 241*, Piano Techniques IV ............................... 1 hour
MUS 488, Recital (Senior) ......................................... 1 hour
*(Senior hours are recommended—see advisor.)

D. Electives (11 hours required)
Take 11 hours from:
MUS 100-MUS 499.
*(Senior hours are recommended—see advisor.)

OR (2) Piano Performance with Pedagogy Emphasis
(37 hours required)
EP 3042

A. Requirements (20 hours required)
Take all of the following:
MUS 166, Accompanying ........................................ 2 hours
MUS 167, Practicum in Accompanying .......................... 3 hours
MUS 260*, Keyboard Harmonization .......................... 1 hour
MUS 432, Fundamentals of Piano Pedagogy I ............... 3 hours
MUS 433, Fundamentals of Piano Pedagogy II ............ 2 hours
MUS 434, Advanced Piano Pedagogy I: History, 
Philosophies and Principles of Piano Pedagogy, ....... 2 hours
MUS 435, Advanced Piano Pedagogy II: Pedagogical 
Approaches to Keyboard Literature .......................... 2 hours
MUS 460, Independent Study and Research (Piano 
Pedagogy) .............................................................. 2 hours
MUS 488, Recital (Senior) ......................................... 1 hour
*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.

B. Piano Pedagogy Internship (4 hours required)
Take 4-6 hours from:
MUS 436, Internship in Piano Teaching ..................... 2 hours

C. Required Option (6 hours required)
Take 1 course from:
MUS 406, Instrumental Conducting & Literature .......... 3 hours
MUS 407, Choral Conducting and Literature ............... 3 hours
Take 1 course from:
MUS 456, Piano Literature I ..................................... 3 hours
MUS 457, Piano Literature II .................................... 3 hours

D. Electives (7 hours required)
Take 7 hours from:
MUS 100-MUS 499.
(Senior hours are recommended—see advisor.)

4. Vocal Emphasis (34 hours required)
EP 3043

A. Requirements (18 hours required)
Take all of the following:
MUS 145, Diction for Singers I ................................. 1 hour
MUS 245, Diction for Singers II ............................... 1 hour
MUS 407, Choral Conducting and Literature ............... 3 hours
MUS 430, Vocal Pedagogy ......................................... 3 hours
MUS 436, Internship in Piano Teaching ..................... 2 hours
MUS 240*, Piano Techniques III ............................... 1 hour
MUS 241*, Piano Techniques IV ............................... 1 hour
MUS 488, Recital (Senior) ......................................... 1 hour
Take 4 hours from the following:
Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
MUS 140*, Piano Techniques I ................................. 1 hour
MUS 141*, Piano Techniques II ............................... 1 hour
MUS 240*, Piano Techniques III ............................... 1 hour
MUS 241*, Piano Techniques IV ............................... 1 hour
MUS 260*, Keyboard Harmonization .......................... 1 hour
*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.
Take 3 hours from:
MUS 450, Survey of Art Song .................................. 3 hours
MUS 451, History & Literature of Opera .................... 3 hours

B. Private Instruction (4 hours required)
Take 4 hours from:
MUS 149, Private Instruction - Secondary Instrument .. 1 hour
At least two hours must be in piano.

C. Electives (12 hours required)
Take 12 hours from:
MUS 100-MUS 499.
(Senior hours are recommended—see advisor.)

Musical Theatre Comprehensive Option

Bachelor of Music................................................. 45
including General Studies coursework required by major
English Language minimum ........................................ 9
Humanities minimum .............................................. 9 including:
Take 1 course from:
DANC 122GS, Dance Appreciation .......................... 3 hours
THEA 120GS, Introduction to the Theatre .................. 3 hours
Mathematics, Statistics & Computer Science minimum 3
Natural Sciences minimum ..................................... 7
Social and Behavioral Sciences minimum ................... 9
Personal Development minimum ............................................. 2 including:
   Take 1 hour from:
   PE 110GS, Basic Sports ............................................. 0.5 hour
   (Ballroom Dancing and Tumbling)

Major Option ........................................................................... 85
Minimum total hours required coursework .................................. 130
Unrestricted electives in 125 hour program .................................. 0
Minimum total hours required for BM ........................................ 130
   All UNK degrees require a minimum of 125 hours. Forty (40) of the
   hours required for all UNK degrees must be upper division hours,
   which are courses numbered 300 or above taken at a 4-year college or
   university.

A. Musical Theatre Core Requirements (41 hours required)
   Take all of the following:
   MUS 101, American Musical Theatre ........................................ 3 hours
   MUS 145, Diction for Singers I .............................................. 1 hour
   MUS 198, Sight Singing and Ear Training I .............................. 1 hour
   MUS 199, Sight Singing and Ear Training II ............................. 1 hour
   MUS 200, Theory I ............................................................. 3 hours
   MUS 201, Theory II ............................................................ 3 hours
   MUS 324, Musical Theatre Coaching I ................................... 1 hour
   MUS 325, Musical Theatre Coaching II .................................. 1 hour
   MUS 326, Musical Theatre Coaching III .................................. 1 hour
   MUS 327, Musical Theatre Coaching IV .................................. 1 hour
   MUS 337, Sight Singing and Ear Training III ........................... 1 hour
   MUS 338, Sight Singing and Ear Training IV ............................ 1 hour
   MUS 339, Theory III ........................................................... 3 hours
   MUS 340, Theory IV ........................................................... 3 hours
   MUS 430, Vocal Pedagogy .................................................... 3 hours
   MUS 447, Music History and Literature I ................................. 3 hours
   MUS 448, Music History and Literature II ................................ 3 hours
   MUS 460, Independent Study and Research ............................. 2 hours
   MUS 488, Recital (Junior) ..................................................... 1 hour
   MUS 488, Recital (Senior) ..................................................... 1 hour

   Take 4 hours from the following:
   Placement into the appropriate level piano class will be determined by
   the piano faculty at the time of the entrance audition.
   MUS 140*, Piano Techniques I ............................................. 1 hour
   MUS 141*, Piano Techniques II ........................................... 1 hour
   MUS 240*, Piano Techniques III ......................................... 1 hour
   MUS 241*, Piano Techniques IV ......................................... 1 hour
   MUS 260*, Keyboard Harmonization ................................. 1 hour
   *Requirements may be met through proficiency examination;
   hours to be replaced by Music Electives, see advisor.

B. Musical Theatre Private Instruction-Voice (14 hours required)
   Take 3-7 hours from:
   MUS 150, Private Instruction, Primary Instrument .................... 1 hour
   MUS 151, Private Instruction, Primary Instrument .................... 2 hours
   Take 7-11 hours from:
   MUS 350, Advanced Private Instruction .................................. 1 hour
   MUS 351, Advanced Private Instruction .................................. 2 hours

C. Musical Theatre Vocal Ensemble (8 hours required)
   Take 4 hours from:
   See advisor to choose specific ensemble.
   MUS 173, Choraleers ......................................................... 1 hour
   MUS 174, University Men's Chorus ...................................... 1 hour
   MUS 176, University Women's Chorus .................................. 1 hour
   MUS 178, Nebraskats ......................................................... 1 hour
   Take 4 hours from Opera Workshop:
   MUS 177, Opera Workshop ................................................ 1 hour

D. Theatre and Dance Curriculum (22 hours required)
   Take all of the following:
   DAN 138, Dance Techniques I (Fine Arts) ............................. 2 hours
   DAN 139, Dance Technique II (Fine Arts) ............................. 2 hours

Music and Performing Arts

Offered by Department of Music and Performing Arts

Music Major

Music Comprehensive Option

Music Business Emphasis

Bachelor of Music

FAH BM 4113 EP 3029

Minimum General Studies .......................................................... 45
   including General Studies coursework required by major
   English Language minimum ............................................... 9
   Humanities minimum ...................................................... 9 including:
   Take one course from:
   MUS 100GS, Introduction to Music ...................................... 3 hours
   MUS 106GS, Introduction to Jazz and Blues ......................... 3 hours
   MUS 107GS, Introduction to Rock and Blues ......................... 3 hours
   Mathematics, Statistics & Computer Science minimum: 3 including:
   MATH 102, College Algebra .............................................. 3 hours
   Social and Behavioral Sciences minimum: 9 including:
   PSY 203, General Psychology ............................................. 3 hours
   Personal Development minimum ........................................... 2

Major Option ............................................................................. 80
Minimum total hours required coursework ................................. 125
Unrestricted electives in 125 hour program ................................. 0
Minimum total hours required for BM ........................................ 125
   All UNK degrees require a minimum of 125 hours. Forty (40) of the
   hours required for all UNK degrees must be upper division hours,
   which are courses numbered 300 or above taken at a 4-year college
   or university.

A. Music Comprehensive Core Requirements (24 hours required)
   Take all of the following:
   MUS 122, Conducting ......................................................... 1 hour
   MUS 198, Sight Singing and Ear Training I ............................ 1 hour
   MUS 199, Sight Singing and Ear Training II ........................... 1 hour
   MUS 200, Theory I ............................................................. 3 hours
   MUS 201, Theory II ............................................................ 3 hours
   MUS 337, Sight Singing and Ear Training III .......................... 1 hour
   MUS 339, Theory III ........................................................... 3 hours
   MUS 425, Arranging ........................................................... 2 hours
   MUS 447, Music History and Literature I ............................... 3 hours
   MUS 448, Music History and Literature II ............................. 3 hours

   Take 3 hours from the following:
   Placement into the appropriate level piano class will be determined by
   the piano faculty at the time of the entrance audition.
   MUS 140*, Piano Techniques I ............................................. 1 hour
   MUS 141*, Piano Techniques II ........................................... 1 hour
   MUS 240*, Piano Techniques III ......................................... 1 hour
   MUS 260*, Keyboard Harmonization ................................. 1 hour
   *Requirements may be met through proficiency examination;
   hours to be replaced by Music Electives; see advisor.
B. Music Business Emphasis Requirements (56 hours required)

EP 3029

1. Music Business Emphasis Core Requirements
(17-20 hours required)
Take all of the following:
- MUS 211, Sound Recording and Reinforcement .......... 2 hours
- MUS 301, Music Technology .................................. 2 hours
- MUS 310, Music Business ..................................... 3 hours
- MUS 474, Music Business Project .......................... 1 hour
- MUS 475, Internship in Music Business ................. 9-12 hours

2. Music Business Private Instruction (6 hours required)
Take 3-5 hours in one area (voice, piano or single band/orchestra instrument) from:
- MUS 150, Private Instruction, Primary Instrument .......... 1 hour
- MUS 350, Advanced Private Instruction .................... 1 hour
Take 0-2 hours in secondary area from:
- MUS 149, Private Instruction, Secondary Instrument .... 1 hour

3. Music Business Ensembles (6 hours required)
Take 6 hours from any of the following:
- MUS 103, University Band .................................... 1 hour
- MUS 104, Symphonic Band .................................. 1 hour
- MUS 105, Wind Ensemble .................................... 1 hour
- MUS 173, Choraleers .......................................... 1 hour
- MUS 174, University Men's Chorus ......................... 1 hour
- MUS 176, University Women's Chorus ..................... 1 hour
- MUS 220, Kearney Area Symphony Orchestra ............ 1 hour
(MUS 177, MUS 178, MUS 179, MUS 180 may be substituted for TWO semesters only)

4. Music Business Electives (6 or 9 hours required)
Take 6 or 9 hours from:
- MUS 100-MUS 499 (See Advisor)

5. Music Business Supporting Courses (18 hours required)
Take all of the following:
- BACC 250, Principles of Accounting I ..................... 3 hours
- BMGT 301, Principles of Management ..................... 3 hours
- BMIS 182GS, Software Productivity Tools ................. 3 hours
- BMKT 300, Principles of Marketing ......................... 3 hours
- BMKT 331, Professional Selling ........................... 3 hours
Take 3 hours from the following:
- BACC 100-BACC 499
- BFIN 100-BFIN 499
- BMGT 100-BMGT 499
- BMIS 100-BMIS 499
- BMKT 100-BMKT 499

Offered by Department of Music and Performing Arts
Music Major

Music K-12 Teaching Field Endorsement Option

Bachelor of Arts in Education FAH BAE 4107

Minimum General Studies .............................................. 45

+ General Studies coursework required by Teacher Education and Endorsement .................. 46

English Language minimum ................................ 9 including:
- ENG 101GS, Expository Writing I .......................... 3 hours
- ENG 102GS, Expository Writing II ......................... 3 hours
- SPCH 100GS, Fundamentals of Speech Communication ... 3 hours

Humanities minimum ............................................ 15 including:
- MUS 100GS, Introduction to Music ......................... 3 hours
Take 1 course from:
- MUS 106GS, Introduction to Jazz and Blues .............. 3 hours
- MUS 107GS, Introduction to Rock and Blues .............. 3 hours
- DANC 122GS, Dance Appreciation .......................... 3 hours
- THEA 120GS, Introduction to the Theatre ................ 3 hours
Take 1 course from:
- HIST 210GS, Western Civilization ......................... 3 hours
- HIST 211GS, Western Civilization ......................... 3 hours
- HIST 212GS, Non-Western World History .................. 3 hours
- HIST 215GS, Introduction to Latin America .............. 3 hours
Take 1 course from:
- HIST 250GS, American History ............................ 3 hours
- HIST 251GS, American History ............................ 3 hours

Work closely with your advisor to ensure that all this requirement is met.

Mathematics, Statistics & Computer Science minimum .............. 3
- Natural Sciences minimum ...................................... 7
- Social and Behavioral Sciences minimum ...................... 9 including:
- PSCI 110GS, Introduction to American Politics .......... 3 hours
Take any Economic Perspective GS course ...................... 3 hours
Take any GS course from:
- Social Perspective, Geographical Perspective or Behavioral Perspective minimum ..................... 3 including:
- PE 160GS, Healthful Living ................................. 3 hours

Professional Sequence ............................................. 28 including:
- TE 319, Management and Assessment ...................... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement .......................................................... 66

Minimum total hours required coursework ...................... 140

Unrestricted electives in 125 hour program ......................... 0

Minimum total hours required for BAE

in Music K-12 Teaching Field Endorsement ...................... 140

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Music Education Core Requirements (52 hours required)

Take all of the following:
- MUS 109, Introduction to Music Education ............... 1 hour
- MUS 110*, Brass Techniques ............................... 1 hour
- MUS 111*, Woodwind Techniques ......................... 2 hours
- MUS 114*, Percussion Techniques ......................... 1 hour
- MUS 120*, String Techniques ............................... 1 hour
- MUS 198, Sight Singing and Ear Training I ............... 1 hour
- MUS 199, Sight Singing and Ear Training II .............. 1 hour
- MUS 200, Theory I ............................................. 3 hours
- MUS 201, Theory II ............................................. 3 hours
- MUS 337, Sight Singing and Ear Training III ............. 1 hour
- MUS 338, Sight Singing and Ear Training IV ............. 1 hour
- MUS 339, Theory III ........................................... 3 hours
- MUS 340, Theory IV ............................................ 3 hours
- MUS 357, Elementary/Junior High General Music ...... 3 hours
- MUS 365, Form and Analysis ............................... 2 hours
- MUS 406, Instrumental Conducting & Literature ....... 3 hours
- MUS 407, Choral Conducting and Literature ............. 3 hours
- MUS 447, Music History and Literature I ............... 3 hours
- MUS 448, Music History and Literature II ............... 3 hours
- MUS 468, Secondary School Music ......................... 3 hours

Take 1 hour from:
- MUS 130*, Voice Techniques ............................... 1 hour
- MUS 145, Diction for Singers I ............................ 1 hour
Minimum General Studies ................................................................. 45
  including General Studies coursework required by major
  English Language minimum............................................................9
  Humanities minimum ...................................................................9 including:
  THEA 120GS, Introduction to the Theatre .................................. 3 hours
  Mathematics, Statistics & Computer Science minimum .......... 3
  Natural Sciences minimum.............................................................7
  Social and Behavioral Sciences minimum ................................. 9
  Personal Development minimum ..................................................2

BA Language requirement................................................................. a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option .................................................................................. 36
Minor or 2nd Major, minimum .........................................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major
may add as many as 18 required hours. Should 6 hours of the minor
also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework........................................111
Unrestricted electives in 125 hour program ...................................... 14
Minimum total hours required for BA in Theatre .............................. 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

Take 1 from the following:
MUS 430, Vocal Pedagogy............................................................3 hours
MUS 486, Marching Band/Jazz Ensemble Methods .................. 3 hours
Take 2 hours from:
MUS 358, Field Experience in Music Education......................... 1 hour
Take 4 hours from the following:
  Placement into the appropriate level piano class will be
determined by the piano faculty at the time of the
  entrance audition.
MUS 140*, Piano Techniques I................................................. 1 hour
MUS 141*, Piano Techniques II............................................... 1 hour
MUS 240*, Piano Techniques III ............................................ 1 hour
MUS 241*, Piano Techniques IV............................................. 1 hour
MUS 260*, Keyboard Harmonization...................................... 1 hour
*Requirements may be met through proficiency examination;
hours to be replaced by Music Electives; see advisor.

B. Music Education Private Instruction (7 hours required)
Take 3-4 hours in one area (voice, piano or single band/orchestral
instrument) from:
MUS 150, Private Instruction, Primary Instrument................... 1 hour
Take 3-4 hours in same area as above (voice, piano or single band/
orchestral instrument) from:
MUS 350, Advanced Private Instruction.................................... 1 hour

C. Music Education Ensembles (7 hours required)
Take 7 hours from:
MUS 103, University Band....................................................... 1 hour
MUS 104, Symphonic Band....................................................... 1 hour
MUS 105, Wind Ensemble .......................................................... 1 hour
MUS 173, Choraliers ................................................................. 1 hour
MUS 174, University Men’s Chorus......................................... 1 hour
MUS 176, University Women’s Chorus..................................... 1 hour
MUS 220, Kearney Area Symphony Orchestra....................... 1 hour
(MUS 177, MUS 178, MUS 179, MUS 180 may be substituted
for TWO semesters ONLY)
At least 6 hours must be earned in an ensemble that matches
the student’s principal applied area. At least 1 hour must be
earned in an ensemble outside the student’s principal applied
area. Students must have experience in both instrumental
and vocal ensembles.

Offered by Department of Music and Performing Arts
Theatre Major

Bachelor of Arts FAH BA 4406

A. Theatre Core (24 hours required)
Take all of the following:
THEA 135, Introduction to Stage Technology..........................2 hours
THEA 136, Introduction to Lighting Technology.........................2 hours
THEA 225, Acting I.................................................................3 hours
THEA 241, Introduction to Costume Technology.......................2 hours
THEA 350, Survey of Dramatic Literature I............................3 hours
THEA 413, History of Theatre I................................................3 hours
THEA 480, Play Direction.........................................................3 hours
Take 3 hours from:
THEA 295, Theatre Practicum...................................................1 hour
Take 3 hours from:
THEA 423, Advanced Theatre Practicum.................................1 hour

B. Theatre Supporting Courses (12 hours required)
If not taking an emphasis, then must take 12 hours from at least
2 separate subfields:
1. Drama Emphasis (12 hours required)
Take all of the following:
THEA 210, Playscript Analysis..................................................3 hours
THEA 351, Survey of Dramatic Literature II............................3 hours
THEA 421, Playwriting.............................................................3 hours
Take 1 of the following:
THEA 414, History of Theatre II.................................................3 hours
THEA 415, History of Theatre III...............................................3 hours

2. Performance Emphasis (12 hours required)
Take all of the following:
THEA 226, Acting II...............................................................3 hours
THEA 425, Acting III...............................................................3 hours
Take 6 hours from the following:
THEA 240, Stage Makeup........................................................3 hours
THEA 306, Movement for the Stage.........................................3 hours
THEA 307, Voice and Diction for the Stage..............................3 hours
THEA 351, Survey of Dramatic Literature II............................3 hours
THEA 426, Career Preparation................................................3 hours
Take 6 hours from the following:
THEA 419, Costume Design....................................................3 hours
(Prereq: THEA 241, THEA 296 OR permission of instructor)
THEA 420, Scene Design..........................................................3 hours
(Prereq: THEA 296 or permission of instructor)
THEA 438, Technical Direction.................................................3 hours
(Prereq: THEA 436)
THEA 447, Lighting Design......................................................3 hours
(Prereq: THEA 296)

3. Design and Tech Emphasis (12 hours required)
Take 6 hours from the following:
THEA 210, Playscript Analysis..................................................3 hours
THEA 240, Stage Makeup........................................................3 hours
THEA 296, Elements of Theatrical Design...............................3 hours
THEA 322, Theatre and Stage Management............................3 hours
THEA 436, Advanced Technical Theatre................................3 hours
Take 6 hours from the following:
THEA 419, Costume Design....................................................3 hours
(Prereq: THEA 241, THEA 296 OR permission of instructor)
THEA 420, Scene Design..........................................................3 hours
(Prereq: THEA 296 or permission of instructor)
THEA 438, Technical Direction.................................................3 hours
(Prereq: THEA 436)
THEA 447, Lighting Design......................................................3 hours
(Prereq: THEA 296)

Offered by Department of Music and Performing Arts
Theatre Major

Theatre 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education FAH BAE 4405

Minimum General Studies .................................................................45
  including General Studies coursework required by Teacher Education
  English Language minimum............................................................9
  including:
  ENG 101GS, Expository Writing I...........................................3 hours
  ENG 102GS, Expository Writing II...........................................3 hours
  SPCH 100GS, Fundamentals of Speech Communication........3 hours

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A. Theatre Core (24 hours required)
Take all of the following:
THEA 135, Introduction to Stage Technology..........................2 hours
THEA 136, Introduction to Lighting Technology.........................2 hours
THEA 225, Acting I.................................................................3 hours
THEA 241, Introduction to Costume Technology.......................2 hours
THEA 350, Survey of Dramatic Literature I............................3 hours
THEA 413, History of Theatre I................................................3 hours
THEA 480, Play Direction.........................................................3 hours
Take 3 hours from:
THEA 295, Theatre Practicum...................................................1 hour
Take 3 hours from:
THEA 423, Advanced Theatre Practicum.................................1 hour

B. Theatre Supporting Courses (12 hours required)
If not taking an emphasis, then must take 12 hours from at least
2 separate subfields:
1. Drama Emphasis (12 hours required)
Take all of the following:
THEA 210, Playscript Analysis..................................................3 hours
THEA 351, Survey of Dramatic Literature II............................3 hours
THEA 421, Playwriting.............................................................3 hours
Take 1 of the following:
THEA 414, History of Theatre II.................................................3 hours
THEA 415, History of Theatre III...............................................3 hours

2. Performance Emphasis (12 hours required)
Take all of the following:
THEA 226, Acting II...............................................................3 hours
THEA 425, Acting III...............................................................3 hours
Take 6 hours from the following:
THEA 240, Stage Makeup........................................................3 hours
THEA 306, Movement for the Stage.........................................3 hours
THEA 307, Voice and Diction for the Stage..............................3 hours
THEA 351, Survey of Dramatic Literature II............................3 hours
THEA 426, Career Preparation................................................3 hours
Take 6 hours from the following:
THEA 419, Costume Design....................................................3 hours
(Prereq: THEA 241, THEA 296 OR permission of instructor)
THEA 420, Scene Design..........................................................3 hours
(Prereq: THEA 296 or permission of instructor)
THEA 438, Technical Direction.................................................3 hours
(Prereq: THEA 436)
THEA 447, Lighting Design......................................................3 hours
(Prereq: THEA 296)

3. Design and Tech Emphasis (12 hours required)
Take 6 hours from the following:
THEA 210, Playscript Analysis..................................................3 hours
THEA 240, Stage Makeup........................................................3 hours
THEA 296, Elements of Theatrical Design...............................3 hours
THEA 322, Theatre and Stage Management............................3 hours
THEA 436, Advanced Technical Theatre................................3 hours
Take 6 hours from the following:
THEA 419, Costume Design....................................................3 hours
(Prereq: THEA 241, THEA 296 OR permission of instructor)
THEA 420, Scene Design..........................................................3 hours
(Prereq: THEA 296 or permission of instructor)
THEA 438, Technical Direction.................................................3 hours
(Prereq: THEA 436)
THEA 447, Lighting Design......................................................3 hours
(Prereq: THEA 296)
Music Minor

Offered by Department of Music and Performing Arts

Music Minor Core Requirements (16 hours required)
Take all of the following:

MUS 198, Sight Singing and Ear Training I ................. 1 hour

A. Music Minor Core Requirements (16 hours required)
Take all of the following:

MUS 198, Sight Singing and Ear Training I ................. 1 hour
MUS 200, Theory I ...................................... 3 hours
MUS 201, Theory II ..................................... 3 hours
MUS 447, Music History and Literature I ................... 3 hours
MUS 448, Music History and Literature II .................. 3 hours

Take 2 hours from the following:
Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.

MUS 140*, Piano Techniques I ................................ 1 hour
MUS 141*, Piano Techniques II ................................ 1 hour
MUS 260*, Keyboard Harmonization .............................. 1 hour
*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.

B. Music Minor Private Instruction (4 hours required)
Take 3-4 hours in one area (voice, piano or single band/orchestral instrument) from:
MUS 150, Private Instruction, Primary Instrument .......... 1 hour
Take 0-1 hours in secondary area from:
MUS 149, Private Instruction, Secondary Instrument ...... 1 hour

C. Music Minor Ensembles (2 hours required)
Take 2 hours from:
MUS 199, Sight Singing and Ear Training II ................. 1 hour
MUS 200, Theory I ...................................... 3 hours
MUS 201, Theory II ..................................... 3 hours
MUS 447, Music History and Literature I ................... 3 hours
MUS 448, Music History and Literature II .................. 3 hours

D. Electives (2 hours required)
Take 2 hours of any Music Electives

Offered by Department of Music and Performing Arts

Dance Minor

MN 1037

Minimum hours required for minor ............................................. 24

A. Requirements (22 hours required)
Take all of the following:
DANC 122GS, Dance Appreciation ..................................... 3 hours
DANC 138, Dance Techniques I ................................... 2 hours
DANC 139, Dance Technique II .................................. 3 hours
DANC 236, Tap Dance ............................................. 1 hour
DANC 238, Dance Techniques III ................................. 2 hours
DANC 239, Dance Technique IV .................................. 2 hours
DANC 342, Dance Production ...................................... 3 hours
DANC 344, Basic Dance Composition ........................... 3 hours
DANC 348, Dance Technique V ................................... 2 hours
DANC 349, Dance Technique VI .................................. 2 hours

B. Electives (2 hours required)
Take 2 hours from the following Elective Dance Courses
DANC 148, Jazz Dance I ....................................... 1 hour
DANC 149, Jazz Dance II ..................................... 1 hour
(Prereq: DANC 148 or permission of instructor)
DANC 248, Jazz Dance III ..................................... 1 hour
(Prereq: DANC 149 or permission of instructor)
DANC 249, Jazz Dance IV ..................................... 1 hour
(Prereq: DANC 248 or permission of instructor)
DANC 341, Creative Projects in Dance ......................... 1-3 hours
DANC 401, Special Topics: Choreographing the Musical .... 1 hour
DANC 460, Independent Study in Dance ....................... 1 hour
Offered by Department of Music and Performing Arts

Theatre Minor

MN 1072

Minimum hours required for minor…………………………………..24

A. Pre-Music Therapy Core Requirements (37 hours required)

Take all of the following:
- MUS 198, Sight Singing and Ear Training I …………………….1 hour
- MUS 199, Sight Singing and Ear Training II …………………….1 hour
- MUS 200, Theory I ……………………………………………………………3 hours
- MUS 201, Theory II ……………………………………………………………3 hours
- MUS 357, Elementary/Junior High General Music ……………3 hours
- MUS 407, Choral Conducting and Literature ……………………..3 hours

Take 3 hours from the following:
- MUS 140*, Piano Techniques I …………………………………………..1 hour
- MUS 141*, Piano Techniques II …………………………………………..1 hour
- MUS 240*, Piano Techniques III …………………………………………..1 hour
- MUS 260*, Keyboard Harmonization ……………………………………1 hour

Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.

*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.

B. Electives (9 hours required)

Take any 9 hours from the following:
- THEA 210, Playscript Analysis …………………………………………..3 hours
- THEA 226, Acting II ……………………………………………………………3 hours
- THEA 240, Stage Makeup …………………………………………………….3 hours
- THEA 241, Introduction to Costume Technology …………………….2 hours
- THEA 296, Elements of Theatrical Design ………………………………..3 hours
- THEA 306, Movement for the Stage …………………………………………..3 hours
- THEA 307, Voice and Diction for the Stage ………………………………..3 hours
- THEA 322, Theatre and Stage Management ………………………………3 hours
- THEA 350, Survey of Dramatic Literature I …………………………………3 hours
- THEA 351, Survey of Dramatic Literature II ………………………………3 hours
- THEA 414, History of Theatre II ………………………………………………3 hours
- THEA 415, History of Theatre III ………………………………………………3 hours
- THEA 419, Costume Design …………………………………………………..3 hours
  (Prereq: THEA 241, THEA 296 OR permission of instructor)
- THEA 420, Scene Design ……………………………………………………..3 hours
  (Prereq: THEA 296 or permission of instructor)
- THEA 421, Playwriting ………………………………………………………..3 hours
- THEA 425, Acting III ……………………………………………………………3 hours
  (Prereq: THEA 226)
- THEA 436, Advanced Technical Theatre …………………………………..3 hours
- THEA 438, Technical Direction ………………………………………………3 hours
  (Prereq: THEA 436)
- THEA 447, Lighting Design ……………………………………………………3 hours
  (Prereq: THEA 296)
- THEA 480, Play Direction ……………………………………………………..3 hours

Minimum hours required for minor…………………………………..24

B. Music Minor-Elementary Education Core Requirements (17 hours required)

Take all of the following:
- THEA 210, Playscript Analysis …………………………………………..3 hours
- THEA 226, Acting II ……………………………………………………………3 hours
- THEA 240, Stage Makeup …………………………………………………….3 hours
- THEA 241, Introduction to Costume Technology …………………….2 hours
- THEA 296, Elements of Theatrical Design ………………………………..3 hours
- THEA 306, Movement for the Stage …………………………………………..3 hours
- THEA 307, Voice and Diction for the Stage ………………………………..3 hours
- THEA 322, Theatre and Stage Management ………………………………3 hours
- THEA 350, Survey of Dramatic Literature I …………………………………3 hours
- THEA 351, Survey of Dramatic Literature II ………………………………3 hours
- THEA 414, History of Theatre II ………………………………………………3 hours
- THEA 415, History of Theatre III ………………………………………………3 hours
- THEA 419, Costume Design …………………………………………………..3 hours
  (Prereq: THEA 241, THEA 296 OR permission of instructor)
- THEA 420, Scene Design ………………………………………………………3 hours
  (Prereq: THEA 296 or permission of instructor)
- THEA 421, Playwriting ………………………………………………………..3 hours
- THEA 425, Acting III ……………………………………………………………3 hours
  (Prereq: THEA 226)
- THEA 436, Advanced Technical Theatre …………………………………..3 hours
- THEA 438, Technical Direction ………………………………………………3 hours
  (Prereq: THEA 436)
- THEA 447, Lighting Design ……………………………………………………3 hours
  (Prereq: THEA 296)
- THEA 480, Play Direction ……………………………………………………..3 hours

Offered by Department of Music and Performing Arts

Music Minor-Elementary Education

MN 1036

Minimum hours required for minor…………………………………..24

B. Music Minor-Elementary Education Private Instruction (4 hours required)

Take 3-4 hours in one area (voice, piano or single band/orchestral instrument) from:
- MUS 150, Private Instruction, Primary Instrument ……………………..1 hour
- MUS 149, Private Instruction, Secondary Instrument ……………………..1 hour

C. Music Minor-Elementary Education Ensembles (2 hours required)

Take 2 hours from:
- MUS 103, University Band ……………………………………………….1 hour
- MUS 104, Symphonic Band ……………………………………………….1 hour
- MUS 105, Wind Ensemble ………………………………………………..1 hour
- MUS 173, Choraleers ………………………………………………………1 hour
- MUS 174, University Men’s Chorus ………………………………………1 hour
- MUS 175, University Chorus ……………………………………………..1 hour
- MUS 220, Kearney Area Symphony Orchestra ………………………..1 hour

D. Electives (1 hour required)

Take any 1 hour of Music Electives

Offered by Department of Music and Performing Arts

Pre-Professional Program in Music Therapy

Music and Performing Arts 149

B. Music Minor-Elementary Education Private Instruction (4 hours required)

Take 3-4 hours in one area (voice, piano or single band/orchestral instrument) from:
- MUS 150, Private Instruction, Primary Instrument ……………………..1 hour
- MUS 149, Private Instruction, Secondary Instrument ……………………..1 hour

C. Music Minor-Elementary Education Ensembles (2 hours required)

Take 2 hours from:
- MUS 103, University Band ……………………………………………….1 hour
- MUS 104, Symphonic Band ……………………………………………….1 hour
- MUS 105, Wind Ensemble ………………………………………………..1 hour
- MUS 173, Choraleers ………………………………………………………1 hour
- MUS 174, University Men’s Chorus ………………………………………1 hour
- MUS 175, University Chorus ……………………………………………..1 hour
- MUS 220, Kearney Area Symphony Orchestra ………………………..1 hour

D. Electives (1 hour required)

Take any 1 hour of Music Electives

Pre-Professional Program in Music Therapy

Students should secure a catalog from the college or university to which they intend to transfer for completion of the degree in order that effective selection of elective courses may be made while at the University of Nebraska at Kearney. The following courses are recommended to meet the requirements of most institutions. Students should be guided, however, by the specific requirements of the school to which they intend to transfer. This program can be completed in three years; however, students are urged to consider completing the requirements for a degree in music before transferring.

Minimum hours to complete Pre-Music Therapy program………….52

Hours recommended for the program……………………………..96

A. Pre-Music Therapy Core Requirements (37 hours required)

Take all of the following:
- MUS 110*, Brass Techniques …………………………………………………1 hour
- MUS 113*, Clarinet/Saxophone Techniques ……………………………….1 hour
- MUS 114*, Percussion Techniques …………………………………………1 hour
- MUS 118*, Guitar Techniques ……………………………………………….1 hour
- MUS 120*, String Techniques ……………………………………………….1 hour
- MUS 130*, Voice Techniques ………………………………………………..1 hour
- MUS 198, Sight Singing and Ear Training I ……………………………….1 hour
- MUS 199, Sight Singing and Ear Training II ……………………………….1 hour
- MUS 200, Theory I ……………………………………………………………….3 hours
- MUS 201, Theory II ……………………………………………………………….3 hours
- MUS 202, Theory III …………………………………………………………….3 hours
- MUS 204, Theory IV ……………………………………………………………..3 hours
- MUS 357, Elementary/Junior High General Music …………………………3 hours
- MUS 425, Arranging …………………………………………………………….2 hours
- MUS 447, Music History and Literature I …………………………………...3 hours
- MUS 448, Music History and Literature II ………………………………….3 hours

Take 4 hours from the following:
- MUS 140*, Piano Techniques I ………………………………………………1 hour
- MUS 141*, Piano Techniques II ……………………………………………..1 hour
- MUS 240*, Piano Techniques III ……………………………………………..1 hour

Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
Music and Performing Arts

MUS 241*, Piano Techniques IV ........................................1 hour
MUS 260*, Keyboard Harmonization ..................................1 hour
*Requirements may be met through proficiency examination; hours to be replaced by Music Electives; see advisor.

B. Pre-Music Therapy Private Instruction (6 hours required)
Take 3 hours from:
MUS 150, Private Instruction, Primary Instrument ................1 hour
Take 3 hours from:
MUS 350, Advanced Private Instruction .............................1 hour

C. Pre-Music Therapy Conducting (3 hours required)
Take 1 course from:
MUS 406, Instrumental Conducting and Literature ..........3 hours
MUS 407, Choral Conducting and Literature .......................3 hours

D. Pre-Music Therapy Ensembles (6 hours required)
Take 6 hours from:
MUS 103, University Band ..............................................1 hour
MUS 104, Symphonic Band ..............................................1 hour
MUS 105, Wind Ensemble ..............................................1 hour
MUS 173, Choraleers .....................................................1 hour
MUS 174, University Men’s Chorus ..................................1 hour
MUS 176, University Women’s Chorus ..............................1 hour
MUS 220, Kearney Area Symphony Orchestra .................1 hour
(MUS 177, MUS 178, MUS 179, MUS 180 may be substituted for TWO SEMESTERS ONLY)

E. The following courses outside of the music area are also recommended for most institutions (44 hours recommended)

Take all of the following:
BIOL 103GS, General Biology .........................................4 hours
BIOL 215GS, Human Physiology ......................................3 hours
ECON 100GS, Contemporary Economic Issues ................3 hours
ENG 101GS, Expository Writing I .....................................3 hours
ENG 102GS, Expository Writing II ....................................3 hours
GEOG 106GS, Human Geography ....................................3 hours
PE 241, Rhythmic Activities for Elementary Schools ..........2 hours
(Prereq: completion of required PE 110GS courses)
PE 360, Human Anatomy-Kinesiology ..............................4 hours
PSY 203GS, General Psychology ......................................3 hours
PSY 230GS, Human Development ....................................3 hours
PSY 231, Abnormal Behavior and Society .......................3 hours
SPCH 100GS, Fundamentals of Speech Communication ....3 hours
TESE 421, Individuals with Exceptionalities ....................3 hours

Take 1 course from:
SOC 100GS, Introduction to Sociology ............................3 hours
SOC 250GS, Introduction to Anthropology ........................3 hours

Philosophy

Program

David Rozema, Director
Professors: Fendt, Martin, Rozema

Program Objectives:
• To enable students to develop thoughtful attitudes toward life and the world through a confrontation with the thought of great philosophers;
• To treat such problems as the nature of our individual and social lives, the nature of the world in which we live, and the nature of our apprehension of, and response to that world. All philosophy courses will include a close reading and analysis of primary sources and a substantive writing component.

PHILOSOPHY MAJOR

One option is available in this major:
• Philosophy - Bachelor of Arts Degree

The minor in Philosophy is available for students pursuing majors in other disciplines.

Courses with the prefix PHIL are offered by the Philosophy Program. See page 238.

Offered by Philosophy Program
Philosophy Major

Bachelor of Arts ..........................................................45

Minimum General Studies ................................................9
English Language minimum .............................................9
Humanities minimum ......................................................9
Mathematics, Statistics & Computer Science minimum .........3
Natural Sciences minimum ..............................................7
Social and Behavioral Sciences minimum .........................9
Personal Development minimum .....................................2

BA Language requirement ..............................................a minimum of 6

For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ...................................................................33

Minor or 2nd Major, minimum .........................................24

Minors are 24 hours; 18 must be unduplicated. Elected a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework ......................108

Unrestricted electives in 125 hour program ......................17

Minimum total hours required for BA in Philosophy ..........125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Philosophy Core Requirements (3 hours required)
Take 1 course from:
PHIL 100GS, Introduction to Philosophy ..........................3 hours
PHIL 120GS, Introduction to Ethics ..................................3 hours

B. Philosophy Logic Requirements (3 hours required)
Take 1 course from:
PHIL 110, Introduction to Logic ......................................3 hours
PHIL 201, Formal Logic ..................................................3 hours
SPCH 332, Logic Argumentation and Reasoning ..............3 hours

C. Philosophy History Requirements (6 hours required)
Take 2 courses from:
PHIL 250, Ancient Philosophy .......................................3 hours
PHIL 251, Medieval Philosophy .......................................3 hours
PHIL 253, Modern Philosophy .......................................3 hours
PHIL 254, Contemporary Philosophy .............................3 hours
PHIL 260GS, Philosophy of Culture ................................3 hours
PHIL 305GS, Philosophy of Science ................................3 hours

D. Philosophy Intermediate Requirements (6 hours required)
Take 2 courses from:
PHIL 305, Social and Political Philosophy .......................3 hours
PHIL 309, Philosophy of Mind .........................................3 hours
PHIL 314GS, Philosophy of Religion: Reason and Faith ....3 hours
PHIL 380GS, Philosophy of Science ................................3 hours

E. Philosophy Advanced Requirements (9 hours required)
Take 3 courses from:
PHIL 400, Ethics ..........................................................3 hours
PHIL 410, Metaphysics ...................................................3 hours
PHIL 420, Independent Study .........................................3 hours
PHIL 425, Aesthetics ......................................................3 hours
PHIL 451, Philosophy in Literature ................................3 hours
PHIL 490, Seminar in Philosopher or Movement ..............3 hours
PSY 416, Eastern Psychology .........................................3 hours
(Prereq: PSY 203GS)
F. Philosophy Capstone Course Requirements (3 hours required)
Take:
PHIL 490, Seminar in Philosopher or Movement............3 hours
(may be repeated for advanced level or elective credit)

G. Electives (3 hours required)
The remaining 3 hours required for the major can be elected from any of the courses listed for the major that have not already been taken.

Offered by Philosophy Program

Philosophy Minor

MN 1033 Minimum hours required for minor.................................24
Requirements
Take 3-6 hours from:
PHIL 100GS, Introduction to Philosophy......................3 hours
PHIL 120GS, Introduction to Ethics..............................3 hours
Take 0-3 hours from:
PHIL 110, Introduction to Logic..................................3 hours
SPCH 332, Logic Argumentation and Reasoning........3 hours
Take 18-21 hours from:
PHIL 201, Formal Logic............................................3 hours
PHIL 250, Ancient Philosophy....................................3 hours
PHIL 251, Medieval Philosophy.................................3 hours
PHIL 253, Modern Philosophy.................................3 hours
PHIL 254, Contemporary Philosophy.........................3 hours
PHIL 260GS, Philosophy of Culture..........................3 hours
PHIL 305, Social and Political Philosophy...................3 hours
PHIL 309, Philosophy of Mind...................................3 hours
PHIL 314GS, Philosophy of Religion: Reason and Faith.....3 hours
PHIL 360GS, Philosophy of Science...........................3 hours
PHIL 400, Ethics......................................................3 hours
PHIL 410, Metaphysics..............................................3 hours
PHIL 425, Aesthetics...............................................3 hours
PHIL 451, Philosophy in Literature............................3 hours
PHIL 490, Seminar in Philosopher or Movement........3 hours
PSY 416, Eastern Psychology....................................3 hours
(Prereq: PSY 203GS)

College of Natural and Social Sciences
Department of

Physics and Physical Science

Kenneth Trantham, Chair
Professor: Mena-Werth
Associate Professors: M. Markes, Price, Trantham
Assistant Professors: Kreminska, M. Larsen, T. Markes

Department Objectives:
• To provide the background necessary for understanding the highly scientific age in which we live;
• To prepare students for careers and for graduate work in physics and other closely allied fields;
• To prepare teachers in subject matter and in methods for the teaching of Physics, Physical Science and related fields;
• To furnish pre-professional work for those preparing for a career in science and related fields.

PHYSICS AND PHYSICAL SCIENCE MAJOR
Five options are available in this major:
I. Physics Option - Bachelor of Arts Degree
   or Physics Option - Bachelor of Science Degree

Physics and Physical Science

Physics Option
Bachelor of Arts
NSS BA 6208

Minimum General Studies ........................................45
+ General Studies coursework required by major ...........63

English Language minimum..................................9
Humanities minimum...........................................9
Mathematics, Statistics & Computer Science minimum.. 21 including
(Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)

MATH 102*, College Algebra..................................3 hours
MATH 103*, Plane Trigonometry.............................3 hours
MATH 115*, Calculus I with Analytic Geometry..........5 hours
MATH 202*, Calculus II with Analytic Geometry........5 hours
MATH 260, Calculus III.........................................5 hours

*Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives

Natural Sciences minimum ..................................13 including:
PHYS 275GS, General Physics (Calculus)..................5 hours
PHYS 276GS, General Physics (Calculus)..................5 hours
Social and Behavioral Sciences minimum..................9
Personal Development minimum.............................2

BA Language requirement...................................... a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ..........................................................31
Minor or 2nd Major, minimum ..................................24
Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 16 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework....................124
Unrestricted electives in 125 hour program....................1

Minimum total hours required for BA in Physics............125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Physics Requirements (31 hours required)
Take all of the following:
PHYS 346, Modern Physics I..................................4 hours
PHYS 400, Analytic Mechanics I............................3 hours
(Prereq: PHYS 410, MATH 305 OR permission of instructor)
PHYS 401, Analytic Mechanics II............................3 hours
### Physics Option

**Bachelor of Science**  
NSS BS 6205

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum General Studies</strong></td>
<td>45</td>
</tr>
<tr>
<td><em>General Studies coursework required by major</em></td>
<td>63</td>
</tr>
<tr>
<td><strong>English Language minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Humanities minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Mathematics, Statistics &amp; Computer Science minimum.</strong></td>
<td>21 including: (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)</td>
</tr>
<tr>
<td><strong>MATH 102</strong>, College Algebra</td>
<td>3</td>
</tr>
<tr>
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<td><strong>MATH 115</strong>, Calculus I with Analytic Geometry</td>
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<tr>
<td><strong>MATH 202</strong>, Calculus II with Analytic Geometry</td>
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<td><strong>MATH 260</strong>, Calculus III</td>
<td>5</td>
</tr>
<tr>
<td><em>Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives.</em></td>
<td></td>
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<tr>
<td><strong>Social and Behavioral Sciences minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Personal Development minimum</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>BS Science-related course requirements</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Major Option</strong></td>
<td>34</td>
</tr>
<tr>
<td><strong>Minor or 2nd Major, minimum</strong></td>
<td>24</td>
</tr>
<tr>
<td><em>Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.</em></td>
<td></td>
</tr>
<tr>
<td><strong>Minimum total hours required coursework</strong></td>
<td>121</td>
</tr>
<tr>
<td><strong>Unrestricted electives in 125 hour program</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Minimum total hours required for BS in Physics</strong></td>
<td>125</td>
</tr>
</tbody>
</table>

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

### Physics Requirements (34 hours required)

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 346, Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 400, Analytic Mechanics I</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: PHYS 410, MATH 305 OR permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 401, Analytic Mechanics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 405, Electricity and Magnetism I</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: PHYS 410, MATH 305 OR permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 406, Electricity and Magnetism II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 410, Mathematical Techniques in Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 411, Math Techniques in Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 417, Quantum Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: PHYS 416 or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 430, Optics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 440, Heat and Thermodynamics</td>
<td>4</td>
</tr>
</tbody>
</table>

---

### Physics Comprehensive Option

**Bachelor of Science**  
NSS BS 6203

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum General Studies</strong></td>
<td>45</td>
</tr>
<tr>
<td><em>General Studies coursework required by major</em></td>
<td>66</td>
</tr>
<tr>
<td><strong>English Language minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Humanities minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Mathematics, Statistics &amp; Computer Science minimum.</strong></td>
<td>24 including: (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)</td>
</tr>
<tr>
<td><strong>MATH 102</strong>, College Algebra</td>
<td>3</td>
</tr>
<tr>
<td><strong>MATH 103</strong>, Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td><strong>MATH 115</strong>, Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td><strong>MATH 202</strong>, Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td><strong>MATH 260</strong>, Calculus III</td>
<td>5</td>
</tr>
<tr>
<td><strong>MATH 305</strong>, Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td><em>Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives.</em></td>
<td></td>
</tr>
<tr>
<td><strong>Natural Sciences minimum</strong></td>
<td>13</td>
</tr>
<tr>
<td><strong>MATH 275GS, General Physics (Calculus)</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>MATH 276GS, General Physics (Calculus)</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Social and Behavioral Sciences minimum</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>Personal Development minimum</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>BS Science-related course requirements</strong></td>
<td>0</td>
</tr>
<tr>
<td><strong>Major Option</strong></td>
<td>57</td>
</tr>
<tr>
<td><strong>Minimum total hours required coursework</strong></td>
<td>123</td>
</tr>
<tr>
<td><strong>Unrestricted electives in 125 hour program</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Minimum total hours required for BS in Physics</strong></td>
<td>125</td>
</tr>
</tbody>
</table>

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**A. Physics Comprehensive Requirements (42 hours required)**

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 323, Introductory Electronics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 346, Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 347, Modern Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 400, Analytic Mechanics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 401, Analytic Mechanics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 405, Electricity and Magnetism I</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: PHYS 416 or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 410, Mathematical Techniques in Physics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 411, Math Techniques in Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 417, Quantum Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>(Prereq: PHYS 416 or permission of instructor)</td>
<td></td>
</tr>
<tr>
<td>PHYS 430, Optics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 440, Heat and Thermodynamics</td>
<td>4</td>
</tr>
</tbody>
</table>

**B. Physics Comprehensive Electives (6 hours required)**

Take 6-8 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 200-PHY'S 499</td>
<td></td>
</tr>
</tbody>
</table>

**C. Physics Comprehensive Math and CSIS Electives (6 hours required)**

Take 6-8 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 200-MATH 499 or CSIS 100-CSIS 499</td>
<td></td>
</tr>
</tbody>
</table>

**D. Physics Writing Intensive Electives (3 hours required)**

Take at least 3 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 495 (WI) and/or PHYS 499 (WI)</td>
<td></td>
</tr>
</tbody>
</table>
Physical Science Option

Bachelor of Arts

NSS BA 6204

Minimum General Studies ........................................... 45
+ General Studies coursework required by major ............. 51
English Language minimum ........................................ 9
Humanities minimum ................................................... 9
Mathematics, Statistics & Computer Science minimum ... 11 including:
(Maximum of 6 hours in this section will count toward the 45
hours General Studies requirement.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102*, College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103*, Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115*, Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
</tbody>
</table>

*Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives

Natural Sciences minimum ...................................... 11 including:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 160LGS, General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 161GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161LGS, General Chemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences minimum ..................... 9

Personal Development minimum .................................. 2

BA Language requirement........................................ 24

For specific language requirements see Bachelor of Arts Degree requirements.

Minor or 2nd Major, minimum ................................. 24

Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 18 required hours. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.

Minimum total hours required coursework .................. 105

Unrestricted electives in 125 hour program ................. 20

Minimum total hours required for BA in Physical Science........ 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Physical Science Core Requirements (10 hours required)

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
</tbody>
</table>

B. Physical Science Electives (14 hours required)

Take 14-16 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 200-CHEM 499</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 200-PHYS 499</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives must include one advanced course (300-400 level)
in BOTH Chemistry AND Physics.

Offered by Department of Physics and Physical Science
Physics and Physical Science Major

Physical Science Option

Bachelor of Science

NSS BS 6204

Minimum General Studies ........................................... 45
+ General Studies coursework required by major ............. 51
English Language minimum ........................................ 9
Humanities minimum ................................................... 9
Mathematics, Statistics & Computer Science minimum ... 11 including:
(Maximum of 6 hours in this section will count toward the 45
hours General Studies requirement.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102*, College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103*, Plane Trigonometry</td>
<td>3</td>
</tr>
</tbody>
</table>

Offered by Department of Physics and Physical Science
Physics and Physical Science Major

Physics 7-12 Teaching Subject Endorsement Option

Bachelor of Science in Education

NSS BSE 6207

Minimum General Studies ........................................... 45
+ General Studies coursework required by Teacher Education...52
English Language minimum ........................................ 9 including:
ENG 101GS, Expository Writing I .............................. 3 hours
ENG 102GS, Expository Writing II ............................. 3 hours
SPCH 100GS, Fundamentals of Speech Communication ........ 3 hours

Humanities minimum .................................................. 12 including:
Take 1 course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 210GS, Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 211GS, Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 212GS, Non-Western World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 215GS, Introduction to Latin America</td>
<td>3</td>
</tr>
</tbody>
</table>

Take 1 course from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 250GS, American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251GS, American History</td>
<td>3</td>
</tr>
</tbody>
</table>

Mathematics, Statistics & Computer Science minimum ... 11 including:
(Maximum of 6 hours in this section will count toward the 45
hours General Studies requirement.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102*, College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103*, Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115, Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
</tbody>
</table>

*Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives.

Natural Sciences minimum ...................................... 11 including:
CHEM 160GS, General Chemistry ............................... 3 hours
CHEM 160LGS, General Chemistry Laboratory ............... 1 hour
CHEM 161GS, General Chemistry ............................... 3 hours
CHEM 161LGS, General Chemistry Laboratory ............... 1 hour
Social and Behavioral Sciences minimum ..................... 9

Personal Development minimum ................................ 2

BS Science-related course requirements ..................... 0

Major Option .......................................................... 24

Minor or 2nd Major, minimum .................................... 24

Minimum total hours required coursework .................. 99

Unrestricted electives in 125 hour program ................. 26

Minimum total hours required for BS in Physical Science........ 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Physical Science Core Requirements (10 hours required)

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276GS, General Physics (Calculus)</td>
<td>5</td>
</tr>
</tbody>
</table>

B. Physical Science Electives (14 hours required)

Take 14-16 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 200-CHEM 499</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 200-PHYS 499</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives must include one advanced course (300-400 level)
in BOTH Chemistry AND Physics.
Natural Sciences minimum ........................................ 8 including:
  BIOL 103GS, General Biology .......................... 4 hours
  CHEM 160GS, General Chemistry .................... 3 hours
  CHEM 160LGS, General Chemistry Laboratory .... 1 hour
Social and Behavioral Sciences minimum .......... 9 including:
  PSCI 110GS, Introduction to American Politics ... 3 hours
Take any Economic Perspective GS course .......... 3 hours
Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .................................. 3 hours
Personal Development minimum ....................... 3 including:
  PE 160GS, Healthful Living .................................. 3 hours

Minimum total hours required for BSE .................. 125

Endorsement...................................................... 37
Second Subject Endorsement, normally ............... 30

Minimum total hours required coursework ............. 149
Unrestricted electives in 125 hour program .......... 0

Minimum total hours required for BSE in Physics 7-12 Teaching Subject Endorsement .......... 149

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Physics Subject Endorsement Requirements (37 hours required) 
Take all of the following:
  PHYS 201GS, Earth Science .................................. 4 hours
  PHYS 275GS, General Physics (Calculus) ............ 5 hours
  PHYS 276GS, General Physics (Calculus) ............ 5 hours
  PHYS 301, Advanced Physical Science ............... 4 hours
  PHYS 346, Modern Physics I ............................ 4 hours
  PHYS 347, Modern Physics II ............................ 4 hours
  PHYS 471, Methods in Secondary Science Teaching .... 3 hours
Take 2 courses totaling 8 hours from:
  PHYS 300-PHYS 499

Offered by Department of Physics and Physical Science Physics and Physical Science Major 

Physical Science 7-12 Teaching Field Endorsement Option

Bachelor of Science in Education NSS BSE 6206

Minimum General Studies .................................. 45
  + General Studies coursework required by Teacher Education and endorsement ........ 52

English Language minimum ................................ 9 including:
  ENG 101GS, Expository Writing I ...................... 3 hours
  ENG 102GS, Expository Writing II .................... 3 hours
  SPCH 100GS, Fundamentals of Speech Communication 3 hours
Humanities minimum ...................................... 12 including:
  Take 1 course from:
  HIST 210GS, Western Civilization ..................... 3 hours
  HIST 211GS, Western Civilization ..................... 3 hours
  HIST 212GS, Non-Western World History ............. 3 hours
  HIST 215GS, Introduction to Latin America .......... 3 hours

Take 1 course from:
  HIST 250GS, American History ....................... 3 hours
  HIST 251GS, American History ....................... 3 hours

Mathematics, Statistics & Computer Science minimum .... 11 including: 
  (Maximum of 6 hours in this section will count toward the 45 hours General Studies requirement.)
  MATH 102*, College Algebra ............................ 3 hours
  MATH 103*, Plane Trigonometry ....................... 3 hours
  MATH 115, Calculus I with Analytic Geometry ....... 5 hours
  *Students with sufficient preparation may enter the mathematics program at a higher level, reducing the hours needed for General Studies, and increasing the hours of unrestricted Electives.

Natural Sciences minimum .................................. 8 including:
  Take 2 courses from:
  BIOL 103GS, General Biology .......................... 4 hours
  BIOL 105GS, Biology I .................................... 4 hours
  BIOL 106GS, Biology II .................................. 4 hours
  BIOL 109GS, Classroom Biology ....................... 4 hours

Social and Behavioral Sciences minimum ............ 9 including:
  Take any Economic Perspective GS course .......... 3 hours
  Take any Political Perspective GS course .......... 3 hours
  Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective .................. 3 hours

Endorsement...................................................... 52
Minimum total hours required coursework ............. 134
Unrestricted electives in 125 hour program .......... 0

Minimum total hours required for BSE in Physical Science 7-12 Teaching Field Endorsement ........ 134

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Physical Science Chemistry Requirements (17 hours required) 
Take all of the following:
  CHEM 160GS, General Chemistry .................... 3 hours
  CHEM 160LGS, General Chemistry Laboratory ..... 1 hour
  CHEM 161GS, General Chemistry .................... 3 hours
  CHEM 161LGS, General Chemistry Laboratory .... 1 hour
  CHEM 301, Analytical Chemistry .................... 3 hours
  CHEM 30L, Analytical Chemistry Laboratory ...... 1 hour

Take ONE of the following options:
  Take 2 courses:
  CHEM 250, Elementary Organic Chemistry .......... 4 hours
  CHEM 250L, Elementary Organic Chemistry Laboratory ..... 1 hour
  OR take 2 courses:
  CHEM 360, Organic Chemistry ....................... 4 hours
  CHEM 360L, Organic Chemistry Laboratory ...... 1 hour

B. Physical Science Physics & Physical Science Requirements (21 hours required) 
Take all of the following:
  PHYS 301, Advanced Physical Science ................ 4 hours
  PHYS 346, Modern Physics I ............................ 4 hours
  (Prereq: PHYS 276GS)
  PHYS 471, Methods in Secondary Science Teaching .... 3 hours
Take ONE of the following options:
Take 2 courses:
 PHYS 205GS, General Physics...........................5 hours
 PHYS 206GS, General Physics...........................5 hours

OR take 2 courses:
 PHYS 275GS, General Physics (Calculus)....................5 hours
 PHYS 276GS, General Physics (Calculus)....................5 hours

C. Physical Science Earth Science Requirements
(14 hours required)
Take all of the following:
 PHYS 201GS, Earth Science................................4 hours
 PHYS 210GS, Astronomy....................................3 hours
 BIOL 301, Introduction to Soils.............................3 hours
 GEOG 207GS, Physical Geology.............................3 hours

Offered by Department of Physics and Physical Science

Physics Minor

MN 1060
Minimum hours required for minor........................................28

Requirements
Take all of the following:
 PHYS 275GS, General Physics (Calculus)....................5 hours
 PHYS 276GS, General Physics (Calculus)....................5 hours
 PHYS 346, Modern Physics...................................4 hours
 MATH 102*, College Algebra...............................3 hours
 MATH 103*, Plane Trigonometry............................3 hours
 MATH 115, Calculus I with Analytic Geometry..............5 hours

*Students with sufficient preparation may enter the
mathematics program at a higher level reducing total hours
needed to complete the minor. Total hours for the minor
may be reduced if these courses are taken in the student's
General Studies Program.

Take 3 hours from:
 PHYS 300-PHYS 499

Offered by Department of Physics and Physical Science

Science Minor-Elementary Education

MN 1051
The objective of the minor is to offer a realistic course of study in the
areas of the natural sciences which will aid in preparing the teacher for
the teaching of elementary school sciences.

Minimum hours required for minor........................................25

A. Requirements (15 hours required)
Take all of the following:
 PHYS 201GS Earth Science.................................4 hours
 PHYS 301 Advanced Physical Science.......................4 hours

Take 1 course from:
 BIOL 103GS General Biology...............................4 hours
 BIOL 109GS, Classroom Biology............................4 hours

Take 1 course from:
 BIOL 105GS, Biology I......................................4 hours
 BIOL 106GS, Biology II.....................................4 hours
 BIOL 307, Ecology...........................................3 hours
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)

B. Approved Electives (10 hours required)
Take 10 hours from:
 PHYS 100GS, Physical Science...............................4 hours
 PHYS 210GS, Astronomy...................................3 hours
 GEOG 207GS, Physical Geology.............................3 hours
 GEOG 209GS, Meteorology.................................3 hours
(Prereq: MATH 102 or permission of instructor)

The above is for students planning to attend UNL. The optimum time at
UNK is generally one year. While certain courses taken during a second
year may transfer, there are architectural course sequences which must
be started as a sophomore in order to complete the program on schedule.
Students not planning to attend UNL should consult with an advisor at the
school of their choice as soon as possible to decide which courses taken
at UNK are most beneficial. For more information, contact the Department
of Physics and Physical Science at (308) 865-8277.
Physics and Physical Science

Offered by Department of Physics and Physical Science

Pre-Engineering (for UNL)

UNK's Pre-Engineering program is broadly designed to meet the College of Engineering requirements at UNL. Because requirements for specific engineering programs at UNL and other universities may vary, students should always consult with their advisors before registration.

Minimum hours to complete Pre-Engineering program ........ 61-79

First Year (28-37 hours)

Take all of the following:

- CHEM 160GS, General Chemistry .......... 3 hours
- CHEM 160LGS, General Chemistry Laboratory .......... 1 hour
- CHEM 161GS*, General Chemistry .......... 3 hours
- CHEM 161LGS*, General Chemistry Laboratory .......... 1 hour

*Only required for some fields of engineering

Offered by Department of Physics and Physical Science

CSIS 112, Programming in C .................. 3 hours
ENG 101GS, Expository Writing .......... 3 hours
ENG 102GS, Expository Writing II .......... 3 hours
(MATH 101GS and ENG 102GS can be replaced by technical writing at UNL)

MATH 102**, College Algebra .......... 3 hours
MATH 103**, Plane Trigonometry .......... 3 hours
MATH 115**, Calculus I with Analytic Geometry .......... 5 hours

**Students with sufficient preparation may enter the mathematics program at a higher level reducing total hours needed to complete the pre-professional program.

Electives (Social Sciences and Humanities) .......... 0-9 hours

Pre-Engineering students can transfer up to 18 hours of social sciences and humanities. Students should check with advisors for more detailed information on approved Electives.

Second Year (33-42 hours)

Take all of the following:

- PHYS 213, Electrical Circuits I .......... 3 hours
- PHYS 213L, Introductory Electrical Laboratory I .......... 1 hour
- PHYS 275GS, General Physics (Calculus) .......... 5 hours
- PHYS 276GS, General Physics (Calculus) .......... 5 hours
- PHYS 277, Engineering Mechanics - Statics .......... 3 hours
- MATH 202, Calculus II with Analytic Geometry .......... 5 hours
- MATH 260, Calculus III .......... 5 hours
- MATH 305, Differential Equations .......... 3 hours
- STAT 441, Probability and Statistics .......... 3 hours
- Electives (Social Sciences and Humanities) .......... 0-9 hours

Pre-Meteorology

UNK Pre-Professional Programs are designed to satisfy requirements (except for Architecture Preparation). Students who plan on transferring to a University should check on their requirements as early as possible and visit with UNK advisors to assure the best match between pre- and professional school programs. Refer to the General Studies program in this catalog, for the courses to choose for Electives.

Minimum hours to complete Pre-Meteorology program ........ 62-74

First Year (29-38 hours)

Take all of the following:

- CHEM 160GS, General Chemistry .......... 3 hours
- CHEM 160LGS, General Chemistry Laboratory .......... 1 hour
- CHEM 161GS, General Chemistry .......... 3 hours
- CHEM 161LGS, General Chemistry Laboratory .......... 1 hour
- ENG 101GS, Expository Writing .......... 3 hours

Pre-Engineering, Expository Writing II .......... 3 hours
GEOG 101GS, Physical Geography I: The Atmosphere .......... 4 hours
MATH 102*, College Algebra .......... 3 hours
MATH 103*, Plane Trigonometry .......... 3 hours
MATH 115*, Calculus I with Analytic Geometry .......... 5 hours

*Students with sufficient preparation may enter the mathematics program at a higher level reducing total hours needed to complete the pre-professional program.

Electives .......... 0-9 hours

Second Year (33-36 hours)

Take all of the following:

- PHYS 275GS, General Physics (Calculus) .......... 5 hours
- PHYS 276GS, General Physics (Calculus) .......... 5 hours
- CSIS 130GS, Introduction to Computer Science .......... 4 hours
- GEOG 207GS, Physical Geology .......... 3 hours
- GEOG 209GS, Meteorology .......... 3 hours
- MATH 202, Calculus II with Analytic Geometry .......... 5 hours
- MATH 260, Calculus III .......... 5 hours
- Electives .......... 3-6 hours

College of Natural and Social Sciences

Department of Political Science

Joan Blauwkamp, Chair
Professor: J. Anderson, Longo
Associate Professors: Avilés, Blauwkamp, Duffin, Louishomme
Assistant Professors: Machida, Stevens

Department Objectives:

- To contribute to the student’s development as a liberally-educated person, not only by a broad exposure to political theory and practice, but also by encouragement of intellectual curiosity and critical thinking;
- To prepare students for graduate studies or professional studies in political science, public administration, international affairs, or law;
- To prepare students for careers in politics and government, survey research, journalism, and some aspects of business such as public relations, marketing and lobbying.

POLITICAL SCIENCE MAJOR

Three options are available in this major:

I. Political Science Option - Bachelor of Arts Degree
   or Political Science Option - Bachelor of Science Degree

II. Public Administration Option - Bachelor of Science Degree

III. Political Science 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

The Political Science major may take the form of a General BA or BS degree in Political Science or one of two career-oriented concentrations; majors are strongly encouraged to consider their career interests in choosing one of these options.

Minors in Political Science and Public Administration are available for students pursuing majors in other disciplines and program, especially business, journalism, philosophy, economics, sociology, social work, and criminal justice.

Political Science participates in the Social Science 7-12 Teaching Field Endorsement.

A Pre-Law Program is available within the Political Science Department and all pre-law students including those choosing not to major in Political Science, are invited to seek the assistance of the department’s pre-law advisors.

Courses with the prefix PSCI are offered by the department. See page 241.
Political Science Option

Bachelor of Arts (NSS BA 6307)

Minimum General Studies .................................................................45
  including General Studies coursework required by major
    English Language minimum .......................................................9
    Humanities minimum .............................................................9
    Mathematics, Statistics & Computer Science minimum ..........3
    Natural Sciences minimum ......................................................7
  Social and Behavioral Sciences minimum ...............................12 including:
    Take 2 courses from:
      PSCI 110GS, Introduction to American Politics .................3 hours
      PSCI 140GS, Introduction to Comparative Politics .............3 hours
      PSCI 168GS, Introduction to International Relations ..........3 hours
      PSCI 170GS, Introduction to Political Thought ................3 hours
    Personal Development minimum ...........................................2

BA Language requirement ..........................................................36
  For specific language requirements see Bachelor of Arts Degree requirements.

Major Option .............................................................................36
  Minor or 2nd Major, minimum ..................................................24
    Minors are 24 hours; 18 must be duplicable. Electing a second major may
    add as many as 15 required hours to the program. Should 6 hours
    of the minor also meet other requirements, the unrestricted electives
    will be greater.

Minimum total hours required coursework ................................111

Unrestricted electives in 125 hour program .........................125
  All UNK degrees require a minimum of 125 hours. Forty (40) of
  the hours required for all UNK degrees must be upper division hours,
  which are courses numbered 300 or above taken at a 4-year college
  or university.

A. Political Science Core (9 hours required)
  Take all of the following:
    PSCI 381, Introduction to Political Inquiry ..................3 hours
    PSCI 489, Senior Seminar .................................................3 hours
  Take one of the following:
    PSCI 373, Ancient Political Thought ..............................3 hours
    PSCI 374, Modern Political Thought .................................3 hours
    PSCI 375, Democratic Political Thought .........................3 hours
    PSCI 376, Post-Modernd Political Thought .................3 hours
    PSCI 378, Feminist Political Thought .............................3 hours

B. Political Science Requirements (12 hours required)
  Take 12 hours from four separate subfields:
    American Government
      PSCI 252, The Courts and the Judicial Process ..........3 hours
      PSCI 351, The American Congress ..........................3 hours
      PSCI 352, The American Presidency .........................3 hours
    Political Behavior
      PSCI 365, Campaigns and Elections ........................3 hours
      PSCI 366, Political Parties and Interest Groups .........3 hours
      PSCI 382, Public Opinion and Political Problems ....3 hours
    Public Policy Administration
      PSCI 212, The American Bureaucracy ......................3 hours
      PSCI 361, State and Local Government ....................3 hours
      PSCI 385, Foundations of Public Policy ..................3 hours
      PSCI 400, Public Administration ..........................3 hours
    Comparative Politics
      PSCI 344, Politics of the Developed World .............3 hours
      PSCI 345, Politics of the Developing World .............3 hours
      PSCI 346, Latin American Politics .........................3 hours
      PSCI 390, Politics & Culture of Asia ......................3 hours

C. Political Science Electives (15 hours required)
  Take 15 hours from the following:
    PSCI 212, The American Bureaucracy .........................3 hours
    PSCI 252, The Courts and the Judicial Process ............3 hours
    PSCI 300, American Constitutional Law ....................3 hours
    PSCI 325, Individual Liberties and Civil Rights ...........3 hours
      (Prereq: PSCI 300 or permission of instructor)
    PSCI 340, Topics in Comparative Politics ................3 hours
      (may be repeated once with different topic)
    PSCI 341, Political of the Drug War .........................3 hours
    PSCI 342, Politics of Globalization .............................3 hours
    PSCI 344, Politics of the Developed World ................3 hours
    PSCI 345, Politics of the Developing World .............3 hours
    PSCI 346, Latin American Politics ..........................3 hours
    PSCI 351, The American Congress ..........................3 hours
    PSCI 352, The American Presidency ........................3 hours
    PSCI 353, Race & Politics ...........................................3 hours
    PSCI 360, Topics in American Politics .....................3 hours
      (may be repeated once with different topic)
    PSCI 361, State and Local Government ....................3 hours
    PSCI 365, Campaigns and Elections ........................3 hours
    PSCI 366, Political Parties and Interest Groups .........3 hours
    PSCI 368, International Law and Organization ............3 hours
    PSCI 369, International Political Economy ...............3 hours
    PSCI 370, American Foreign Policy ........................3 hours
    PSCI 373, Ancient Political Thought .........................3 hours
    PSCI 374, Modern Political Thought ..........................3 hours
    PSCI 375, Democratic Political Thought ....................3 hours
    PSCI 376, Post-Modern Political Thought .................3 hours
    PSCI 377, Topics in Political Thought ......................3 hours
      (may be repeated once with different topic)
    PSCI 378, Feminist Political Thought .......................3 hours
    PSCI 380, Topics in International Relations ...............3 hours
      (may be repeated once with different topic)
    PSCI 382, Public Opinion and Political Problems .......3 hours
    PSCI 385, Foundations of Public Policy ....................3 hours
    PSCI 390, Politics & Culture of Asia ......................3 hours
    PSCI 400, Public Administration ..........................3 hours
    PSCI 410, Advanced Study in American Government:
      Special Topics .........................................................3 hours
    PSCI 420, Advanced Study in Political Behavior:
      Special Topics .........................................................3 hours
    PSCI 440, Advanced Study in Comparative Politics:
      Special Topics .........................................................3 hours
    PSCI 450, Nations in Transition ................................3 hours
    PSCI 456, Field Study ..................................................1-3 hours
      (repeatable up to 6 hours with different topic)
    PSCI 468, War in World Politics ...............................3 hours
    PSCI 475, Internship in Political Science ................3 hours
    PSCI 486, Policy Analysis ...........................................3 hours
      (Prereq: PSCI 381, PSCI 385)
    PSCI 490, Directed Research .......................................1-3 hours
    PSCI 499, Readings in Political Science ....................1-3 hours
Political Science Option

Bachelor of Science

NSS BS 6306

Minimum General Studies 45
including General Studies coursework required by major

- English Language minimum 9
- Humanities minimum 9
- Mathematics, Statistics & Computer Science minimum 3

Natural Sciences minimum 7

Social and Behavioral Sciences minimum 12

Take 1 course from:
- STAT 235, Statistical Techniques for Research 3
- STAT 241, Elementary Statistics 3

Personal Development minimum 2

BS Science-related course requirements 0

Minor Option 24

Unrestricted electives in 125 hour program 20

Minimum total hours required for BS in Political Science 125

Take 12 hours from four separate subfields:

**American Government**
- PSCI 252, The Courts and the Judicial Process 3
- PSCI 351, The American Congress 3
- PSCI 352, The American Presidency 3

**Political Behavior**
- PSCI 365, Campaigns and Elections 3
- PSCI 366, Political Parties and Interest Groups 3
- PSCI 382, Public Opinion and Political Problems 3

**Public Policy Administration**
- PSCI 212, The American Bureaucracy 3
- PSCI 361, State and Local Government 3
- PSCI 385, Foundations of Public Policy 3
- PSCI 400, Public Administration 3

**Comparative Politics**
- PSCI 344, Politics of the Developed World 3
- PSCI 345, Politics of the Developing World 3
- PSCI 346, Latin American Politics 3
- PSCI 390, Politics & Culture of Asia 3

**International Relations**
- PSCI 342, Politics of Globalization 3
- PSCI 368, International Law and Organization 3
- PSCI 369, International Political Economy 3
- PSCI 370, American Foreign Policy 3

**C. Political Science Electives (15 hours required)**

Take 15 hours from the following:
- PSCI 212, The American Bureaucracy 3
- PSCI 252, The Courts and the Judicial Process 3
- PSCI 300, American Constitutional Law 3
- PSCI 325, Individual Liberties and Civil Rights 3
- PSCI 345, Politics of the Developing World 3
- PSCI 346, Latin American Politics 3
- PSCI 351, The American Congress 3
- PSCI 352, The American Presidency 3
- PSCI 353, Race & Politics 3
- PSCI 360, Topics in American Politics 3
- PSCI 361, State and Local Government 3
- PSCI 365, Campaigns and Elections 3
- PSCI 366, Political Parties and Interest Groups 3
- PSCI 368, International Law and Organization 3
- PSCI 369, International Political Economy 3
- PSCI 370, Topics in Political Thought 3
- PSCI 373, Ancient Political Thought 3
- PSCI 374, Modern Political Thought 3
- PSCI 375, Democratic Political Thought 3
- PSCI 376, Post-Modern Political Thought 3
- PSCI 377, Topics in Political Thought 3
- PSCI 378, Feminist Political Thought 3
- PSCI 380, Topics in International Relations 3
- PSCI 382, Public Opinion and Political Problems 3
- PSCI 385, Foundations of Public Policy 3
- PSCI 390, Politics & Culture of Asia 3
- PSCI 400, Public Administration 3
- PSCI 410, Advanced Study in American Government: Special Topics 3
- PSCI 420, Advanced Study in Political Behavior: Special Topics 3
- PSCI 440, Advanced Study in Comparative Politics: Special Topics 3
- PSCI 450, Nations in Transition 3
- PSCI 456, Field Study: 1-3 hours (repeatable up to 6 hours with different topic)
- PSCI 468, War in World Politics 3
- PSCI 475, Internship in Political Science 3
- PSCI 496, Policy Analysis (Prereq: PSCI 381, PSCI 385) 3
- PSCI 490, Directed Research 3
- PSCI 499, Readings in Political Science 3
**Public Administration Option**

**Bachelor of Science**

*NSS BS 6305*

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum General Studies</td>
<td>45</td>
</tr>
<tr>
<td>including General Studies coursework required by major</td>
<td></td>
</tr>
<tr>
<td>English Language minimum</td>
<td>9</td>
</tr>
<tr>
<td>Humanities minimum</td>
<td>9</td>
</tr>
<tr>
<td>Mathematics, Statistics &amp; Computer Science minimum</td>
<td>3</td>
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<tr>
<td>Natural Sciences minimum</td>
<td>7</td>
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<tr>
<td>Social and Behavioral Sciences minimum</td>
<td>12</td>
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<tr>
<td>including:</td>
<td></td>
</tr>
<tr>
<td>ECON 270GS, Principles of Economics, Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 271GS, Principles of Economics, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Take 1 course from:</td>
<td></td>
</tr>
<tr>
<td>PSY 203GS, General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100GS, Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Personal Development minimum</td>
<td>2</td>
</tr>
<tr>
<td>BS Science-related course requirements</td>
<td>0</td>
</tr>
<tr>
<td>Major Option</td>
<td>36</td>
</tr>
<tr>
<td>Minor or 2nd Major, minimum</td>
<td>24</td>
</tr>
<tr>
<td>Minors are 24 hours; 18 must be unduplicated. Electing a second major may add as many as 19 required hours to the program. Should 6 hours of the minor also meet other requirements, the unrestricted electives will be greater.</td>
<td></td>
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<tr>
<td>Minimum total hours required coursework</td>
<td>105</td>
</tr>
<tr>
<td>Unrestricted electives in 125 hour program</td>
<td>20</td>
</tr>
<tr>
<td>Minimum total hours required for BS in Public Administration...125</td>
<td></td>
</tr>
</tbody>
</table>

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**Public Administration Requirements (36 hours required)**

Take all of the following:

- PSCI 212, The American Bureaucracy .................................. 3 hours
- PSCI 385, Foundations of Public Policy ................................ 3 hours
- PSCI 400, Public Administration ........................................ 3 hours
- CSIS 108GS, Computers in Society ...................................... 3 hours
- ECON 314, Public Finance .................................................. 3 hours
- ENG 311, Advanced Writing I .............................................. 3 hours
- PHIL 305, Social and Political Philosophy ............................ 3 hours
- PHIL 400, Ethics ................................................................... 3 hours

Take 1 course from:

- PSCI 381, Introduction to Political Inquiry ............................ 3 hours  
  *(Prereq: SOC 237 or permission of the instructor)*

Take 1 course from:

- PSY 410, Industrial Psychology ............................................ 3 hours  
  *(Prereq: PSY 203GS)*
- SOC 349, Sociology of Work .................................................. 3 hours  
  *(Prereq: SOC 100GS or permission of instructor)*

Take 1 course from:

- GEOG 321, Economic Geography ............................................. 3 hours  
  *(Prereq: GEOG 104GS or GEOG 106GS)*
- HIST 485, The United States Since 1941 ................................ 3 hours

Take 1 course from:

- PSCI 475, Internship in Political Science ............................... 3 hours
- PSCI 499, Readings in Political Science .................................. 3 hours

**Political Science 7-12 Teaching Subject Endorsement Option**

*NSS BAE 6304*

**Minimum General Studies** ............................................. 45

including General Studies coursework required by Teacher Education and endorsement

- English Language minimum ................................................. 9
  Including: ENG 101GS, Expository Writing I ......................... 3 hours
  ENG 102GS, Expository Writing II ...................................... 3 hours
- Humanities minimum ....................................................... 2
  Including: HIST 210GS, Western Civilization ......................... 3 hours
  HIST 211GS, Western Civilization ...................................... 3 hours
- Mathematics, Statistics & Computer Science minimum ............... 3
  Including: MATH 110GS, Technical Calculus ......................... 3 hours
- Natural Sciences minimum ................................................ 7
  Including: BIOL 101GS, General Zoology ................................ 3 hours
  CHEM 101GS, General Chemistry ........................................ 3 hours
  PHYS 101GS, General Physics ............................................ 3 hours

Take 1 course from:

- HIST 210GS, Western Civilization ......................................... 3 hours
- HIST 211GS, Western Civilization ......................................... 3 hours
- HIST 212GS, Non-Western World History ................................ 3 hours
- HIST 215GS, Introduction to Latin America ............................ 3 hours

Take 1 course from:

- HIST 250GS, American History ............................................ 3 hours
- HIST 251GS, American History ............................................ 3 hours

Take any Economic Perspective GS course ................................ 3 hours

Take any GS course from:

- Social Perspective, Geographical Perspective or Behavioral Perspective .......................................................... 3 hours

**Personal Development minimum** ...................................... 3

including: PHIL 200GS, Introduction to Philosophy ..................... 3 hours

**Professional Sequence** .................................................. 30

*30 including:*

- TE 319, Management and Assessment in K-12/Secondary Classrooms .................................................. 2 hours
- TE 320, Field Experience in Secondary Classroom ................ 2 hours

*Students must apply for admission to all Teacher Education programs.*

**Endorsement** .................................................................. 36

**Second Subject Endorsement, normally** .............................. 30

*Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.*

**Minimum total hours required for BAE** in Political Science 7-12 Teaching Subject Endorsement ... 141

**Unrestricted electives in 125 hour program** ........................ 0

**Minimum total hours required for BAE** ............................... 141

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

**A. Political Science Subject Endorsement Requirements**

(27 hours required)

Take all of the following:

- PSCI 140GS, Introduction to Comparative Politics .................. 3 hours
- PSCI 361, State and Local Government .................................. 3 hours
- PSCI 370, American Foreign Policy ....................................... 3 hours
- PSCI 385, Foundations of Public Policy ................................ 3 hours

Take 2 courses from:

- PSCI 300, American Constitutional Law ................................ 3 hours
- PSCI 351, The American Congress ........................................ 3 hours
- PSCI 352, The American Presidency ....................................... 3 hours
Political Science

Take 1 course from:
- PSCI 365, Campaigns and Elections ......................... 3 hours
- PSCI 366, Political Parties and Interest Groups ................. 3 hours

Take 1 course from:
- PSCI 340, Topics in Comparative Politics ..................... 3 hours
- PSCI 360, Topics in American Politics ........................ 3 hours
- PSCI 380, Topics in International Relations .................. 3 hours
- PSCI 468, War in World Politics ................................ 3 hours

Take 1 course from:
- PSCI 373, Ancient Political Thought ........................... 3 hours
- PSCI 374, Modern Political Thought ........................... 3 hours
- PSCI 375, Democratic Political Thought ....................... 3 hours
- PSCI 376, Post-Modern Political Thought ..................... 3 hours

B. Political Science Subject Endorsement Supporting Courses (9 hours required)
Take:
- SOSC 370, Social Science of the High School ............... 3 hours
Take 6 hours from:
- ECON, HIST, GEOG, SOC, PSY

Minimum hours required for minor ................................ 24

Any 24 hours in Political Science can be used as a minor.
Consultation with the chair is advised.

Offered by Department of Political Science

PSYCHOLOGY MAJOR

Four options are available in this major:

I. Psychology Option - Bachelor of Arts Degree
   or Psychology Option - Bachelor of Science Degree

II. Psychology Comprehensive Option - Bachelor of Science Degree

III. Psychobiology Comprehensive Option - Bachelor of Science Degree

IV. Psychology 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree
   or Psychology 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree

A minor in Psychology or Gerontology is available for students pursuing majors in other disciplines.
Courses with the prefix PSY are offered by the department. See page 243.

Bachelor of Arts
N S S BA 6409

Minimum General Studies ............................................. 45
including General Studies coursework required by major
- English Language minimum ....................................... 9
- Humanities minimum ............................................... 9
- Mathematics, Statistics & Computer Science minimum 3
- Natural Sciences minimum ........................................ 7
- Social and Behavioral Sciences minimum ..................... 9 including:
  - PSY 203GS, General Psychology ............................. 3 hours
  - Personal Development minimum .......................... 2

BA Language requirement ............................................ a minimum of 6
For specific language requirements see Bachelor of Arts Degree requirements.

Major Option ................................................................. 33
For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

A. Psychology Core Requirements (9 hours required)
Take 3 courses:
- PSY 250, Behavioral Statistics .................................. 4 hours
- PSY 270, Experimental Psychology ............................ 4 hours
- PSY 300, Orientation to Psychology ............................ 1 hour

B. Psychology Requirements (15 hours required)
Take 2 courses from:
- PSY 310, Learning and Conditioning .......................... 3 hours
- PSY 312, Sensation and Perception .............................. 3 hours
- PSY 313, Physiological Psychology ............................. 3 hours
- PSY 317, Biopsychology ........................................... 3 hours
- PSY 430, Memory and Cognition ............................... 3 hours

Take 1 course from:
- PSY 318, Experimental Social Psychology .................... 3 hours
- PSY 371, Environmental Psychology .......................... 3 hours
- PSY 372, Cross-Cultural Psychology ........................... 3 hours
- PSY 410, Industrial Psychology ................................ 3 hours

Take 1 course from:
- PSY 453, Developmental Psychology ........................ 3 hours
- PSY 455, Adolescent Psychology ................................ 3 hours
- PSY 462, Adult Development and Aging ....................... 3 hours

Take 1 course from:
- PSY 406, Theories of Personality ................................ 3 hours
- PSY 407, Psychopathology ......................................... 3 hours
- PSY 408, Introduction to Clinical Psychology .......... 3 hours
  *(Prereq: PSY 407, junior standing)*
- PSY 450, Psychometrics ........................................ 3 hours

C. Psychology Lab (2 hours required; Prereq: PSY 270)
*(Lab courses must be taken concurrently with the corresponding lecture course.)*
Take 2 courses from:
- PSY 310L, Learning and Conditioning Laboratory .......... 1 hour
- PSY 312L, Sensation and Perception Laboratory ......... 1 hour
- PSY 313L, Physiological Psychology Laboratory .......... 1 hour
- PSY 317L, Biopsychology Laboratory ......................... 1 hour
- PSY 318L, Experimental Social Psychology Lab .......... 1 hour
- PSY 407L, Psychopathology Laboratory ..................... 1 hour
- PSY 430L, Memory and Cognition Laboratory ............ 1 hour
- PSY 450L, Psychometrics Lab .................................. 1 hour
- PSY 453L, Developmental Psychology ........................ 1 hour
*(PSY 408F, or PSY 475 MAY substitute for 1 lab-See department chair.)*

D. Psychology Electives (7 hours required)
Take 7 hours from:
- PSY 100-PSY 499

  *Restriction:* No more than 6 hours from:
- PSY 399, PSY 493, PSY 499

  *Restriction:* No more than 3 hours from:
- PSY 192, PSY 230GS, PSY 231

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Bachelor of Science  
NSS BS 6408

Minimum General Studies .................................................................................. 45

including General Studies coursework required by major

- English Language minimum ............................................... 9
- Humanities minimum ........................................................... 9
- Mathematics, Statistics & Computer Science minimum ... 3 including:
  - Take 1 course from:
    - MATH 102*, College Algebra ........................................... 3 hours
    - MATH 115-MATH 499
  - *Students with sufficient preparation may enter the mathematics program at a higher level.

- Natural Sciences minimum ........................................................ 7
- Social and Behavioral Sciences minimum .............................. 9
- Personal Development minimum ............................................. 2

BS Science-related course requirements ....................................................... 6

Take two science courses (6 to 8 hours) in addition to those used to satisfy the General Studies requirement in the Natural Sciences. Students should plan these courses with their advisor. Courses from BIOL, CHEM, CSIS, GEOG (as a Natural Science), MATH (MATH 115 or above), or PHYS are considered science-related courses.

Minor or 2nd Major, minimum ................................................................. 24

Offered by Department of Psychology
Psychology Major

Psychology Option

Minimum General Studies .............................................................................. 111

Minimum total hours required coursework .................................................. 14

Minimum total hours required for BS in Psychology .................................. 125

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

A. Psychology Core Requirements (12 hours required)
Take 4 courses:
- PSY 203GS, General Psychology ........................................ 3 hours
- PSY 250, Behavioral Statistics ........................................... 4 hours
- PSY 270, Experimental Psychology ................................... 4 hours
- PSY 300, Orientation to Psychology ................................... 1 hour

B. Psychology Requirements (15 hours required)
Take 2 courses from:
- PSY 310, Learning and Conditioning .................................. 3 hours
- PSY 312, Sensation and Perception .................................... 3 hours
- PSY 313, Physiological Psychology .................................. 3 hours
- PSY 317, Biopsychology ................................................. 3 hours
- PSY 430, Memory and Cognition ..................................... 3 hours
- PSY 453, Developmental Psychology .............................. 3 hours

Take 1 course from:
- PSY 318, Experimental Social Psychology ..................... 3 hours
- PSY 371, Environmental Psychology .............................. 3 hours
- PSY 372, Cross-Cultural Psychology ............................... 3 hours
- PSY 410, Industrial Psychology ...................................... 3 hours

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Take 1 course from:
- PSY 406, Theories of Personality 3 hours
- PSY 407, Psychopathology 3 hours
- PSY 408, Introduction to Clinical Psychology 3 hours
  (Prereq: PSY 407, junior standing)
- PSY 450, Psychometrics 3 hours

C. Psychology Lab (2 hours required; Prereq: PSY 270)

(1 hour)

D. Psychology Electives (7 hours required)

Take 2 courses from:
- PSY 310L, Learning and Conditioning Laboratory 1 hour
- PSY 312L, Sensation and Perception Laboratory 1 hour
- PSY 313L, Physiological Psychology Laboratory 1 hour
- PSY 317L, Biopsychology Laboratory 1 hour
- PSY 318L, Experimental Social Psychology Laboratory 1 hour
- PSY 340L, Memory and Cognition Laboratory 1 hour
- PSY 450L, Psychometrics Laboratory 1 hour
- PSY 453L, Developmental Psychology Laboratory 1 hour

(PSY 408F or PSY 407F may substitute for 1 lab - See department chair.)

D. Psychology Electives (7 hours required)

Take 7 hours from:
- PSY 100-PSY 499
  Restrictions: No more than 6 hours from:
  - PSY 399, PSY 400, PSY 499
  Restrictions: No more than 3 hours from:
  - PSY 192, PSY 230GS, PSY 231

Offered by Department of Psychology
Psychology Major

Psychology Comprehensive Option

Bachelor of Science ............................. 45

Minimum General Studies ..............................................

Courses from section F. Psychology Supporting Courses below may count toward the General Studies requirement.

Work closely with advisor.

English Language minimum ........................................

Humanities minimum ........................................

Mathematics, Statistics & Computer Science minimum... 3 including:
- Take 1 course from:
  - MATH 102*, College Algebra ................................
  - MATH 115-MATH 499

*Students with sufficient preparation may enter the mathematics program at a higher level.

Natural Sciences minimum ........................................

Social and Behavioral Sciences minimum ..................

Personal Development minimum ..............................

BS Science-related course requirements ....................... 6

Take two science courses (6 to 8 hours) in addition to those used to satisfy the General Studies requirement in the Natural Sciences. Students should plan these courses with their advisor. Courses from BIO, CHEM, CSIS, GEOG (as a Natural Science), MATH (MATH 115 or above), or PHYS are considered science-related courses.

Major Option ......................................................... 58

Minimum total hours required coursework .................... 109

Unrestricted electives in 125 hour program .................... 16

Minimum total hours required for BS ......................... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the required hours for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Students interested in this degree MUST consult with the Department Chair. Courses from other disciplines ARE required.

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

A. Psychology Core Requirements (12 hours required)

Take 4 courses:
- PSY 203GS, General Psychology 3 hours
- PSY 250, Behavioral Statistics 4 hours
- PSY 270, Experimental Psychology 4 hours
- PSY 300, Orientation to Psychology 1 hour

B. Psychology Requirements (15 hours required)

Take 2 courses from:
- PSY 310, Learning and Conditioning 3 hours
- PSY 312, Sensation and Perception 3 hours
- PSY 313, Physiological Psychology 3 hours
- PSY 317, Biopsychology 3 hours
- PSY 430, Memory and Cognition 3 hours

Take 1 course from:
- PSY 453, Developmental Psychology 3 hours
- PSY 455, Adolescent Psychology 3 hours
- PSY 462, Adult Development and Aging 3 hours

Take 1 course from:
- PSY 408, Introduction to Clinical Psychology 3 hours
  (Prereq: PSY 407, junior standing)
- PSY 450, Psychometrics 3 hours

C. Psychology Lab (2 hours required; Prereq: PSY 270)

(1 hour)

D. Psychology Electives (15 hours required)

Take 15 hours from:
- PSY 100-PSY 499
  Restrictions: No more than 6 hours from:
  - PSY 399, PSY 400, PSY 499
  Restrictions: No more than 3 hours from:
  - PSY 192, PSY 230GS, PSY 231

Electives may include the following:
- BIOL 461, Human Genetics 3 hours
- CSP 418, Introduction to Counseling 3 hours
- PSCI 382, Public Opinion 3 hours
- STAT 437, Computer Analysis of Statistical Data 3 hours
  (Prereq: STAT 241, STAT 345, one computer course)

E. Psychology Comprehensive Requirements (6 hours required)

Take 2 courses:
- PSY 370, History and Systems of Psychology 3 hours
- PHIL 309, Philosophy of Mind 3 hours
F. Psychology Supporting Courses (6-8 hours required)
(The following courses may be taken within the 45 hour General Studies requirements reducing the hours required by the major to 50 hours and increasing the number of unrestricted electives. Work closely with advisor.)

Take 6-8 hours total from the following options:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103GS, General Biology</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 100GS, Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 145GS, Introductory Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160GS, General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 160LGS, General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CSIS 108GS, Computers in Society</td>
<td>3</td>
</tr>
<tr>
<td>CSIS 111GS, Applied BASIC Programming</td>
<td>3</td>
</tr>
</tbody>
</table>

Take 0-3 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 250, Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 270, Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 300, Orientation to Psychology</td>
<td>1</td>
</tr>
<tr>
<td>PSY 313, Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 313L, Physiological Psychology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 407, Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 453, Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 309, Cellular Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

Offered by Department of Psychology
Psychology Major

Psychobiology Comprehensive Option

Bachelor of Science
NSS BS 6405

Minimum General Studies ................................................................. 45
including General Studies coursework required by major 
English Language minimum .............................................................. 9
Humanities minimum ........................................................................ 9
Mathematics, Statistics & Computer Science minimum 3 including:
MATH 102*, College Algebra .......................................................... 3 hours
*Students with sufficient preparation may enter the mathematics program at a higher level reducing total hours needed to complete the major and increasing the unrestricted Electives

Natural Sciences minimum ............................................................... 7
Social and Behavioral Sciences minimum ...................................... 9 including:
PSY 203GS, General Psychology .................................................. 3 hours

Personal Development minimum ....................................................... 2

BS Science-related course requirements ............................. 8 including:
CHEM 160GS, General Chemistry ............................................. 3 hours
CHEM 160LGS, General Chemistry Laboratory ..................... 1 hour
CHEM 161GS, General Chemistry ............................................. 3 hours
CHEM 161LGS, General Chemistry Laboratory ..................... 1 hour

Minimum total hours required coursework .............................. 108
Unrestricted electives in 125 hour program .............................. 17

Minimum total hours required for BS in Psychobiology Comprehensive .................................................. 125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

A. Psychobiology Comprehensive Core Requirements
(40 hours required)

Take all of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 250, Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 270, Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 300, Orientation to Psychology</td>
<td>1</td>
</tr>
<tr>
<td>PSY 313, Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 313L, Physiological Psychology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 407, Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 453, Developmental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 309, Cellular Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

Take ONE of the following options:

Take 2 courses:
CHEM 250L, Elementary Organic Chemistry ................. 4 hours
CHEM 351, Biochemistry .................................................. 3 hours

OR take 4 courses:
CHEM 250L, Elementary Organic Chemistry ................. 4 hours
CHEM 351, Biochemistry .................................................. 3 hours
CHEM 361, Organic Chemistry Laboratory ................. 1 hour
CHEM 361L, Organic Chemistry Laboratory ................. 1 hour

Take 1 course from:
PHYS 205GS, General Physics ....................... 5 hours
(Prereq: BIOL 103 or permission of instructor)

Take ONE of the following options:

Take 1 course:
BIOL 215GS, Human Physiology ............................. 4 hours

OR take 2 courses:
BIOL 225, Anatomy and Physiology ..................... 4 hours
BIOL 226, Anatomy and Physiology ..................... 4 hours

B. Psychobiology Comprehensive Psychology Requirements
(6 hours required)

Take 6 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 310, Learning and Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>PSY 310L, Learning and Conditioning Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 312, Sensation and Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSY 312L, Sensation and Perception Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 317, Biopsychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 317L, Biopsychology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 453L, Developmental Psychology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PSY 465, Psychopharmacology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 470, Neuropsychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 499, Research in Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

C. Psychobiology Comprehensive Biology Requirements
(9 hours required)

Students are urged to work closely with their advisor in selecting from the courses listed below.

Take 9-11 hours from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211GS, Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 400, Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Take 0-1 from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 351, Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L, Biochemistry Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

AND CHEM 351L, Biochemistry Laboratory .... 1 hour

Take any from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 360, Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 401, Principles of Immunology</td>
<td>4</td>
</tr>
</tbody>
</table>

(Prereq: BIOL 211GS or BIOL 400 or CHEM 351 or permission of instructor)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 404, Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 440, Infectious Diseases</td>
<td>4</td>
</tr>
</tbody>
</table>

(Prereq: BIOL 211GS or BIOL 400 or permission)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 450, Molecular Biology I</td>
<td>3</td>
</tr>
</tbody>
</table>

(Prereq: BIOL 309, BIOL 360 OR permission of instructor)
Psychology

BIOL 461, Human Genetics ................................................. 3 hours
BIOL 462, Animal Behavior ................................................. 3 hours
   (Prereq: BIOL 105GS, BIOL 201, BIOL 307
   OR permission of instructor)
BIOL 465, Physiology ....................................................... 3 hours
   (Prereq: BIOL 105GS or BIOL 106GS; BIOL 309; CHEM 161GS;
   organic chemistry OR permission of instructor)
FSID 110GS, Introduction to Nutrition ................................ 3 hours
PE 460, Gross Anatomy of Movement .................................. 3 hours
   (Prereq: PE 360 OR BIOL 225, BIOL 226)
PE 461, Physiology of Exercise .......................................... 4 hours
   (Prereq: PE 310 or BIOL 215GS or BIOL 226)
PHYS 206GS, General Physics ............................................ 5 hours
   (Prereq: PHYS 205GS or permission)

Offered by Department of Psychology
Psychology Majors

Psychology 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education ............................................ NSS BAE 6407
Bachelor of Science in Education ...................................... NSS BSE 6407

Minimum General Studies .............................................. 45
   including General Studies coursework required
   by Teacher Education and endorsement

English Language minimum: 9 including:
   ENG 101GS, Expository Writing I .................................... 3 hours
   ENG 102GS, Expository Writing II ................................... 3 hours
   SPCH 100GS, Fundamentals of Speech Communication 3 hours

Humanities minimum: 12 including:
   Take 1 course from:
   HIST 210GS, Western Civilization .................................. 3 hours
   HIST 211GS, Western Civilization .................................. 3 hours
   HIST 212GS, Non-Western World History .......................... 3 hours
   HIST 215GS, Introduction to Latin America ....................... 3 hours

   Take 1 course from:
   HIST 250GS, American History ...................................... 3 hours
   HIST 251GS, American History ...................................... 3 hours

Mathematics, Statistics & Computer Science minimum: 3
   Natural Sciences minimum: 7
   Social and Behavioral Sciences minimum: 9 including:
   PSY 203GS, General Psychology ...................................... 3 hours
   PSCI 110GS, Introduction to American Politics .................. 3 hours

   Take any Economics Perspective GS course .......................... 3 hours

Personal Development minimum: 3 including:
   PE 160GS, Healthful Living ........................................... 3 hours

Professional Sequence ....................................................... 30 including:
   TE 319, Management and Assessment
   in K-12/Secondary Classrooms .................................... 2 hours
   TE 320, Field Experience in Secondary Classroom ............... 2 hours
   Students must apply for admission to all Teacher Education programs.

Endorsement ................................................................. 30

Second Subject Endorsement, normally ............................ 30
   Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework ................................ 135

Unrestricted electives in 125 hour program ........................................ 0

Minimum total hours required for BA/ESE

Psychology 7-12 Teaching Subject Endorsement .......................... 135

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Psychology Subject Endorsement Requirements
   (30 hours required)

   Take all of the following:
   PSY 230GS, Human Development .................................... 3 hours
   PSY 250, Behavioral Statistics ........................................ 4 hours
   PSY 270, Experimental Psychology .................................. 4 hours
   PSY 313, Physiological Psychology .................................. 3 hours
   PSY 318, Experimental Social Psychology .......................... 3 hours
   PSY 406, Theories of Personality ..................................... 3 hours
   PSY 407, Psychopathology ............................................. 3 hours
   PSY 430, Memory and Cognition ..................................... 3 hours
   SOSC 370, Social Science of the High School ..................... 3 hours

   Take 1 course from:
   PSY 313L*, Psychological Psychology Laboratory .................. 1 hour
   PSY 318L*, Experimental Social Psychology Lab .................... 1 hour
   PSY 407L*, Psychopathology Laboratory ............................. 1 hour
   PSY 430L*, Memory and Cognition Laboratory ....................... 1 hour
   PSY 450L*, Psychometrics Lab ........................................ 1 hour
   PSY 453L*, Developmental Psychology Lab ......................... 1 hour

   *Laboratory courses must be taken simultaneously with the lecture portion of the course. (For example, 313 must be taken at the same time as 313L.)

B. Recommended courses for all students taking the endorsement in Psychology

   PSY 450, Psychometrics .............................................. 3 hours
   PSY 453, Developmental Psychology ................................ 3 hours

Offered by Department of Psychology

Psychology Minor

MN 1063

Minimum hours required for minor ........................................ 24

A. Requirements (15-16 hours required)

   Take:
   PSY 203GS, General Psychology .................................... 3 hours

   Take 1 course from:
   PSY 250*, Behavioral Statistics ...................................... 4 hours
   STAT 241*, Elementary Statistics ................................... 3 hours

   *NOTE: This requirement may be waived if the student completes a statistics course as part of his/her major. This
   option requires the permission of the Department Chairman.

   Take 1 course from:
   PSY 310, Learning and Conditioning .................................. 3 hours
   PSY 312, Sensation and Perception .................................. 3 hours
   PSY 313, Physiological Psychology .................................. 3 hours
   PSY 317, Biopsychology ................................................. 3 hours
   PSY 430, Memory and Cognition ..................................... 3 hours

   Take 1 course from:
   PSY 316, Experimental Social Psychology .......................... 3 hours
   PSY 371, Environmental Psychology ................................ 3 hours
   PSY 372, Cross-Cultural Psychology ................................ 3 hours
   PSY 410, Industrial Psychology ....................................... 3 hours
   PSY 453, Developmental Psychology ................................ 3 hours
   PSY 455, Adolescent Psychology ...................................... 3 hours
   PSY 462, Adult Development and Aging .............................. 3 hours

   Take 1 course from:
   PSY 406, Theories of Personality ..................................... 3 hours
   PSY 407, Psychopathology ............................................. 3 hours
   (Prereq: PSY 270)
   PSY 408, Introduction to Clinical Psychology ...................... 3 hours
   (Prereq: PSY 407, junior standing)
   PSY 450, Psychometrics .............................................. 3 hours

B. Electives (8-9 hours required)

   Take 8-9 hours of additional courses from PSY 100-PSY 499
The purpose of the Gerontology minor is to allow students majoring in one of the areas which impact upon aging or aging services to gain knowledge and experience in the area of gerontology. The objectives of this program are: (a) to increase the student’s knowledge and understanding of the nature and extent to which various areas affect the aged individual, the type and quality of services available to the aged, the dynamics of social policy formation affecting aging, and basic research concepts and practices; (b) to provide and foster competence and skill in utilizing research data and findings in the structuring of services for the aged, and evaluating and facilitating the functioning of existing programs for the aged.

Minimum hours required for minor: 25

**Requirements**

Take all of the following:
- FSID 110GS*, Intro to Nutrition ........................................3 hours
- FSID 450, The Aging Adult ................................................3 hours
- PSY 230GS*, Human Development .....................................3 hours
- PSY 462, Adult Development and Aging ............................3 hours
- SOWK 377, Aging Services ................................................3 hours
  (Prereq: SOWK 276 or permission of instructor)

Take one of the following**
- FSID 475, Internship ......................................................3 hours
- PSY 475G, Practicum in Gerontology .................................3 hours
- SOC 475, Internship .......................................................3 hours
- SOWK 480, Field Placement I ............................................3 hours
- SOWK 481, Field Placement II ...........................................3 hours

**Students usually enroll in practicum courses offered by their respective majors. Requires departmental permission.

Take ONE of the following options:

Take 1 course:
- BIOL 215GS*, Human Physiology .................................4 hours
**OR** take 2 courses:
- BIOL 225, Anatomy and Physiology I .........................4 hours
- BIOL 226, Anatomy and Physiology II ..........................4 hours

Take 1 course from:
- REC 458, Recreation for the Aged ................................3 hours
- SOC 335, The Aged in American Society .......................3 hours
  (Prereq: SOC 100GS or SOC 250GS or permission)
- SOC 430, Sociology of Family .....................................3 hours
  (Prereq: SOC 100GS or SOC 250GS or permission)
- SOWK 403, Medical Social Work ................................3 hours
  (Prereq: SOWK 242, SOWK 276)

*Number of total hours for the minor may be reduced if these courses are taken in students’ General Studies Program.

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**College of Natural and Social Sciences**

**Department of Sociology, Geography and Earth Science**

**Paul Burger, Chair**

**Suzanne Maughan, Sociology Program Director**

**Sociology Faculty**
- Professors: Borchard, S. Glazier, Kelley, Wysocki
- Associate Professor: Maughan

**Geography and Earth Science Faculty**
- Associate Professors: Boken, Burger, Combs, Dillon
- Assistant Professor: J. Bauer
- Lecturer: Eichhorst

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**Department Objectives:**

**Sociology**
- **To seek an understanding of the changes and development processes of social life;**
- **To develop comprehension, insight, analytical approaches, scientific inquiry approaches, liberal arts perspectives, and information-processing capabilities;**
- **To address social phenomena and social problems associated with racial, ethnic and other group relations, socio-cultural change, societal institutions, population dynamics, community disorganization, social conflict, social welfare and policy, deviance, effects of technological change, and major social problems;**
- **To prepare those students who wish to attend graduate school.**

Sociology is the investigation of interpersonal and intergroup relationships, forms of organization in human life and consequences for humans. Sociological perspectives and competencies provide an essential basis for considering numerous career opportunities in conjunction with other UNK programs. Careers in government, business, social agencies, transportation, commerce, law, medicine, and information and data use are a few of the opportunities with this major. Further information is available through the Department offices.

**Geography**
- **To acquaint students with the relationships that exist between people and the earth.**
- **To develop an appreciation for the Earth and the natural processes affecting it, the effect of human habitation of the earth on a regional scale and its interrelationships with the Physical Earth, and the factors and processes affecting human activities and their distribution over the surface of the earth.**
- **To offer courses which lead to the preparation of teachers of geography and earth science on the elementary and secondary levels.**
- **To provide educational opportunities that contribute to professional careers in the Geographic sciences.**

**SOCIOLOGY MAJOR**

Two options are available in this major:
- **I. Sociology Option - Bachelor of Arts Degree**
- **or** **Sociology Option - Bachelor of Science Degree**
- **II. Sociology 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree**

A Sociology minor is available to students pursuing majors in other disciplines or programs. Courses with the prefix SOC are offered by the department. See page 247.

**GEOGRAPHY MAJOR**

Three options are available in this major:
- **I. Geography Option - Bachelor of Arts Degree**
  - or **Geography Option - Bachelor of Science Degree**
- **II. Geography and GIScience Option - Bachelor of Science Degree**
- **III. Geography 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree**
  - or **Geography 7-12 Teaching Subject Endorsement Option - Bachelor of Science in Education Degree**

Environmental Science, Geography, and GIScience minors are available to students pursuing majors in other disciplines or programs. Courses with the prefix GEOG are offered by the department. See page 214.

Sociology and Geography and Earth Science participate in the Social Science 7-12 Teaching Field Endorsement.
Sociology Option

Bachelor of Arts
NSS BA 6506

Minimum General Studies ........................................... 45
English Language minimum ...................................... 9
Humanities minimum ............................................... 9
Mathematics, Statistics & Computer Science minimum .......... 3
Natural Sciences minimum ....................................... 7
Social and Behavioral Sciences minimum ...................... 9
Personal Development minimum ................................ 2

BA Language requirement ........................................... 10

Minimum total hours required coursework ....................... 108

Unrestricted electives in 125 hour program .................... 17

Minimum total hours required for BA in Sociology .......... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Sociology Requirements (21 hours required)

Take all of the following:
SOC 100GS, Introduction to Sociology .......................... 3 hours
SOC 237, Sociological Inquiry .................................... 3 hours
SOC 300, Sociological Theory .................................... 3 hours
SOC 468, Senior Seminar ......................................... 3 hours

Take 1 course from:
SOC 201, Social Inequality ........................................ 3 hours
SOC 250GS, Anthropology ........................................ 3 hours

Take 1 course from:
SOC 225, Global Cultures and Diversity ......................... 3 hours
SOC 275, Social Psychology ...................................... 3 hours

Take 1 course from:
PSY 250, Behavioral Statistics ................................... 4 hours
(Prereq: PSY 203GS)
STAT 235, Statistical Techniques for Research I ............. 3 hours

B. Sociology Electives (12 hours required)

Take 4 courses from:
SOC 300-SOC 488
(except SOC 490; no more than 3 hours from SOC 475)

BS Science-related course requirements .......................... 3 including:
Take 1 course from:
PSY 250, Behavioral Statistics .................................... 4 hours
(Prereq: PSY 203GS)
STAT 235, Statistical Techniques for Research I ............. 3 hours

Major Option .................................................................. 33

Minor or 2nd Major, minimum ....................................... 24

Unrestricted electives in 125 hour program .................... 17

Minimum total hours required for BS in Sociology .......... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Sociology Core Requirements (12 hours required)

Take all of the following:
SOC 201, Social Inequality ........................................ 3 hours
SOC 250GS, Anthropology ........................................ 3 hours

Take 1 course from:
SOC 300-SOC 488
(except SOC 490; no more than 3 hours from SOC 475)

B. Sociology Emphasis (21 hours required)

Select either the 1. General Sociology Emphasis or the 2. Globalization and Diversity Emphasis.

1. General Sociology Emphasis

Take the following course:
SOC 100GS, Introduction to Sociology .......................... 3 hours

Take 1 course from:
SOC 201, Social Inequality ........................................ 3 hours
SOC 250GS, Anthropology ........................................ 3 hours

Take 1 course from:
SOC 225, Global Cultures and Diversity ......................... 3 hours
SOC 275, Social Psychology ...................................... 3 hours

Take 1 course from:
SOC 300-SOC 488
(except SOC 490; no more than 3 hours from SOC 475)

2. Globalization and Diversity Emphasis

Take all of the following:
SOC 124GS, Social Problems ...................................... 3 hours
SOC 225, Global Cultures and Diversity ......................... 3 hours
SOC 250GS, Anthropology ........................................ 3 hours
SOC 310, Introduction to Social Demography ................. 3 hours
SOC 410, Globalization and Development ..................... 3 hours

Take 2 courses from:
SOC 340, Sociology of the Holocaust ............................ 3 hours
SOC 369, Sociology of Gender .................................... 3 hours
SOC 430, Sociology of Family ..................................... 3 hours
SOC 442, Sociology of Religion ................................... 3 hours
SOC 472, Special Topics: Globalization ......................... 3 hours

Sociology 7-12 Teaching Subject Endorsement Option

Bachelor of Science in Education
NSS BSE 6504

Minimum General Studies .......................................... 45

including General Studies coursework required
taken for Teacher Education and endorsement

English Language minimum ...................................... 9 including:
ENG 101GS, Expository Writing I ................................. 3 hours
ENG 102GS, Expository Writing II ............................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication .... 3 hours
B. Sociology Supporting Courses (6 hours required)

This Requirement can be met by selecting General Studies courses required by Teacher Education.

Take 6 hours from:

1. **Economics:**
   - ECON 100GS, Contemporary Economic Issues ..........................3 hours
   - ECON 270GS, Principles of Economics, Macroeconomics ........3 hours
   - ECON 271GS, Principles of Economics, Microeconomics ..........3 hours

2. **Sociology:**
   - SOC 124GS, Social Problems .............................................3 hours
   - SOC 201, Social Inequality ..............................................3 hours
   - SOC 237, Sociological Inquiry .........................................3 hours
   - SOC 300, Sociological Theory .........................................3 hours
   - SOC 420, Race and Minority Relations .............................3 hours
   - SOSC 370, Social Science of the High School ..................3 hours
   - SOWK 170GS, Introduction to Social Welfare ....................3 hours

   Take 1 course from:
   - SOC 335, The Aged in American Society .........................3 hours
   - SOC 369, Sociology of Gender .......................................3 hours
   - SOC 430, Sociology of Family ......................................3 hours
   - SOC 462, Sociology of Health and Illness .......................3 hours

   Take 1 additional course with policy emphasis from:
   - SOC 335, The Aged in American Society .........................3 hours
   - SOC 369, Sociology of Gender .......................................3 hours
   - SOC 430, Sociology of Family ......................................3 hours
   - SOC 462, Sociology of Health and Illness .......................3 hours
   - SOC 225, Global Cultures and Diversity .........................3 hours
   - SOC 250GS, Anthropology ...........................................3 hours
   - SOC 275, Social Psychology .........................................3 hours
   - SOC 349, Sociology of Work .......................................3 hours

B. Sociology Requirements (30 hours required)

A. Requirements (12 hours required)

Take all of the following:

- HIST 210GS, Western Civilization ....................................3 hours
- HIST 211GS, Western Civilization ....................................3 hours
- HIST 212GS, Non-Western World History ..........................3 hours
- HIST 215GS, Introduction to Latin America .......................3 hours
- SOC 100GS, Introduction to Sociology .....................................4 hours
- SOC 275, Social Psychology .........................................3 hours
- SOC 349, Sociology of Work .......................................3 hours
- PE 160GS, Healthful Living ......................................3 hours

B. Electives (12 hours required)

Take 12 hours of SOC 300- or SOC 400-level courses other than those listed above, excluding SOC 490 and SOC 499.

Offered by Department of Sociology, Geography and Earth Science

Sociology Minor

**MN 1066**

Minimum hours required for minor .......................................24

A. Requirements (12 hours required)

Take all of the following:

- SOC 100GS, Introduction to Sociology .....................................3 hours
- SOC 300, Sociological Theory .........................................3 hours

Take 1 course from:

- SOC 201, Social Inequality ..............................................3 hours
- SOC 250GS, Anthropology .............................................3 hours

Take 1 course from:

- SOC 225, Global Cultures and Diversity ............................3 hours
- SOC 275, Social Psychology .........................................3 hours

B. Electives (12 hours required)

Take 12 hours of SOC 300- or SOC 400-level courses other than those listed above, excluding SOC 490 and SOC 499.

Offered by Department of Sociology, Geography and Earth Science

Geography Option

**Bachelor of Arts**

Minimum General Studies ..................................................45

**English Language minimum** .......................................9

**Sociology, Geography & Earth Sci.**

**167**

**09-10**

**2. Geography:**

- GEOG 104GS, World Regional Geography ............................3 hours
- GEOG 106GS, Human Geography .........................................3 hours
- GEOG 206GS, Geography of the United States and Canada ........3 hours
- GEOG 321, Economic Geography .........................................3 hours

(Prereq: GEOG 104GS or GEOG 106GS)

- GEOG 340, Developing Nations ..........................................3 hours

(Prereq: GEOG 104GS or GEOG 106GS)

**3. Political Science:**

- PSCI 110GS, Introduction to American Politics ......................3 hours
- PSCI 140GS, Introduction to Comparative Politics .................3 hours
- PSCI 168GS, Introduction to International Relations ............3 hours
- PSCI 170GS, Introduction to Political Thought .......................3 hours
- PSCI 325, Individual Liberties and Civil Rights ....................3 hours

(Prereq: PSCI 300 or permission of instructor)

- PSCI 351, The American Congress ....................................3 hours

**4. Psychology:**

- PSY 203GS, General Psychology .......................................3 hours
- PSY 231, Abnormal Behavior and Society ..........................3 hours
- PSY 318, Experimental Social Psychology ............................3 hours

(Prereq: PSY 203GS)

- PSY 374, Psychology of Gender .......................................3 hours
- PSY 403, Psychology of Motivation ....................................3 hours

(Prereq: PSY 203GS)

- PSY 410, Industrial Psychology .........................................3 hours

(Prereq: PSY 203GS)

**5. History:**

- HIST 210GS, Western Civilization ....................................3 hours
- HIST 211GS, Western Civilization ....................................3 hours
- HIST 250GS, American History .......................................3 hours
- HIST 251GS, American History .......................................3 hours
- HIST 483, The Gilded Age, 1870-1898 .............................3 hours

Minimum hours required for minor .......................................24

A. Requirements (12 hours required)

Take all of the following:

- SOC 100GS, Introduction to Sociology .....................................3 hours
- SOC 300, Sociological Theory .........................................3 hours

Take 1 course from:

- SOC 201, Social Inequality ..............................................3 hours
- SOC 250GS, Anthropology .............................................3 hours

Take 1 course from:

- SOC 225, Global Cultures and Diversity ............................3 hours
- SOC 275, Social Psychology .........................................3 hours

B. Electives (12 hours required)

Take 12 hours of SOC 300- or SOC 400-level courses other than those listed above, excluding SOC 490 and SOC 499.
Minimum total hours required for BS in Geography ..................125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Geography Core Requirements (23 hours required)
Take all of the following:
- GEOG 101GS*, Physical Geography I: The Atmosphere ..........4 hours
- GEOG 102GS*, Physical Geography II: The Lithosphere ..........4 hours
- GEOG 104GS*, World Regional Geography ..........................3 hours
- GEOG 106GS*, Human Geography .....................................3 hours
- GEOG 206GS*, Geography of the United States and Canada ..........3 hours

*Coursework may fulfill some General Education requirements. Work closely with advisor.

Take 1 course from:
- GEOG 300, Map Investigation ..................................3 hours
- GEOG 310, Cartography ..................................................3 hours

Take 3 hours from:
- GEOG 410, Geographical Techniques and Thought ..............3 hours
- GEOG 415, Internship ........................................1-6 hours
- GEOG 443, Special Topics in GIS, Spatial Analysis and Remote Sensing ..............................3-4 hours

B. Geography Requirements (12 hours required)
Take 12 hours from GEOG 300-GEOG 499

Offered by Department of Sociology, Geography and Earth Science
Geography Major

Geography Option

Bachelor of Science
NSS BS 5510

Minimum General Studies ....................................................45
- Mathematics, Statistics & Computer Science minimum ..............3
- Natural Sciences minimum ...................................................7
- Social and Behavioral Sciences minimum .............................9
- Humanities minimum .........................................................9
- Personal Development minimum .........................................2

Minimum total hours required coursework ................................104

Unrestricted electives in 125 hour program .................................21
B. Geography Requirements (3 hours required)
Take 3 hours from GEOG 300-GEOG 499

Offered by Department of Sociology, Geography and Earth Science
Geography Major

Geography 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education  
NSS BAE 5506
Bachelor of Science in Education  
NSS BSE 5506

Minimum General Studies .............................................. 45
including General Studies coursework required

by Teacher Education and endorsement

English Language minimum ........................................ 9 including:
ENG 101GS, Expository Writing I .................................. 3 hours
ENG 102GS, Expository Writing II ................................ 3 hours
SPCH 100GS, Fundamentals of Speech Communication ....... 3 hours

Humanities minimum ...................................................... 12 including:
Take 1 course from:
HIST 210GS, Western Civilization ................................ 3 hours
HIST 211GS, Western Civilization .................................. 3 hours
HIST 212GS, Non-Western World History ......................... 3 hours
HIST 213GS, Introduction to Latin America ..................... 3 hours
Take 1 course from:
HIST 250GS, American History ...................................... 3 hours
HIST 251GS, American History .................................... 3 hours

Mathematics, Statistics & Computer Science minimum .......... 3
Natural Sciences minimum ............................................. 7 including:
Take 1 course from:
GEOG 101GS, Physical Geography: The Atmosphere ......... 4 hours
Social and Behavioral Sciences minimum ........................ 9 including:
GEOG 104GS, World Regional Geography ...................... 3 hours
PSCI 110GS, Introduction to American Politics .................. 3 hours
Take any Economic Perspective GS course ....................... 3 hours

Personal Development minimum ................................... 3 including:
PE 160GS, Healthful Living ......................................... 3 hours

Professional Sequence .................................................. 30 including:
Take 1 course from:
TE 319, Management and Assessment ......................... 2 hours
in K-12/Secondary Classrooms
TE 320, Field Experience in Secondary Classroom ............. 2 hours
Students must apply for admission to all Teacher Education programs.

Endorsement.................................................................. 33

Second Subject Endorsement, normally .......................... 30
Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.

Minimum total hours required coursework ........................ 138
Unrestricted electives in 125 hour program ....................... 0

Minimum total hours required for BAE/BSE ................... 138
in Geography 7-12 Teaching Subject Endorsement

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Geography Subject Endorsement Requirements (27 hours required)
Take all of the following:
GEOG 102GS, Physical Geography II: The Lithosphere ....... 4 hours
GEOG 104GS, World Regional Geography .......................... 3 hours

B. Geography Subject Endorsement Electives (6 hours required)
Take 6 hours from ECON, HIST, PSCI, PSY or SOC.

Offered by Departments of BIOL, CHEM, GEOG

Environmental Science Minor

MN 1136
The purpose of the Environmental Science minor is to allow students majoring in one of the areas that impact the environment to gain knowledge in this area. The objectives of this minor are a) to increase the student's technical knowledge and methodological skills that pertain to this area; b) to provide students with scientific knowledge and skills necessary for success in graduate school and/or careers in the public/private sectors in fields that pertain to this area.

Minimum hours required for minor...................................... 26

A. Environmental Science Minor Requirements

(17 hours required)

Take ONE of the following options (8 hours required):
Take 2 courses:
BIOL 105GS, Biology I................................................. 4 hours
BIOL 106GS, Biology II............................................... 4 hours
OR take 4 courses:
CHEM 160GS, General Chemistry ............................... 3 hours
(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)
CHEM 161GS, General Chemistry Laboratory .................. 1 hour
CHEM 161GS, General Chemistry ................................ 3 hours
CHEM 161LGS, General Chemistry Laboratory ............... 1 hour

Take THREE of the following (9 hours required):
BIOL 307, Ecology..................................................... 3 hours
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)
BIOL 330, Wildlife Conservation ................................. 3 hours
(Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)
CHEM 250, Elementary Organic Chemistry .................... 4 hours
AND CHEM 250L, Elementary Organic Chemistry Laboratory .. 1 hour
(Prereq: C grade in CHEM 161GS, CHEM 161LGS OR CHEM 180, CHEM 180L OR equivalent)
CHEM 301, Analytical Chemistry ................................ 3 hours
AND CHEM 301L, Analytical Chemistry Laboratory .......... 1 hour
(Prereq: CHEM 161GS, CHEM 161LGS OR CHEM 180, CHEM 180L OR equivalent)
GEOG 102GS, Physical Geography II: The Lithosphere ....... 4 hours
(Prereq: MATH 102)
GEOG 316, GIS - Working with GIS and Spatial Analysis .... 3 hours
GEOG 317, Remote Sensing of Environment ................. 3 hours

B. Environmental Science Minor Electives (9 hours required)
Take 9 hours from the following (minimum of 6 hours must be from outside the department providing the student's major degree):
BIOL 301, Introduction to Soils .................................... 4 hours
BIOL 305, BioStatistics .............................................. 3 hours
(Prereq: MATH 102)
BIOL 380, Agronomy................................................. 3 hours
(Prereq: BIOL 103GS or BIOL 106GS or permission of instructor)
BIOL 405, Range and Wildlife Management .................... 3 hours
(Prereq: BIOL 307 or BIOL 418)
BIOL 409, Biological Studies using GIS ......................... 3 hours
(Prereq: BIOL 307)
**GIScience Minor**

Offered by Department of Sociology, Geography and Earth Science

**MN 1056**

Minimum hours required for minor........................................24

A. Requirements (23 hours required)

Take 1 course from:
- GEOG 101GS, Physical Geography I: The Atmosphere .... 4 hours
- GEOG 102GS, Physical Geography II: The Lithosphere .... 4 hours

Take all of the following:
- GEOG 104GS, World Regional Geography .................... 3 hours
- GEOG 106GS, Human Geography .............................. 3 hours
- GEOG 206GS, Geography of the United States
  and Canada .................................................................. 3 hours
- GEOG 300, Map Investigation ..................................... 3 hours

Take 1 course from:
- GEOG 207GS, Physical Geology .............................. 3 hours
- GEOG 301, Geography of Soils .................................. 3 hours
  (Prereq: GEOG 102GS or GEOG 207GS)
- GEOG 306, Geomorphology .................................... 3 hours
  (Prereq: GEOG 102GS or GEOG 207GS)
- GEOG 309, Climatology ......................................... 3 hours
  (Prereq: GEOG 101GS)

B. Electives (5 hours required)

Take 5 hours from:
- any Geography Electives, GEOG 300-GEOG 499
  (At least one 400-level course)

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**Sociology, Geography & Earth Sci.**

BIOL 472, Fresh Water Biology ........................................ 4 hours
  (Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor)
CHEM 300, Environmental Chemistry .......................... 3 or 4 hours
  (Prereq: CHEM 250, CHEM 250L OR CHEM 360, CHEM 360L)
GEOG 301, Geography of Soils .................................... 3 hours
  (Prereq: GEOG 102GS or GEOG 207GS)
GEOG 315, Geographic Information Systems -
  Principles and Concepts ........................................ 4 hours
GEOG 400, Water Resources ...................................... 3 hours
GEOG 416, Applications of Geographic Information Systems .. 3 hours
  (Prereq: GEOG 315 or GEOG 316 or permission of instructor)

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**Department of Teacher Education**

The Department of Teacher Education administers the professional education component of all undergraduate and graduate teaching programs.

**Dennis Potthoff, Chair**

**Glenn Tracy, Assistant Chair**

Professors: Fredrickson, Freeman, Lewis, Potthoff, Powell, Walker
Associate Professors: Batenhorst, Farnsworth-Hoback, Hansen,
Mollenkopf, Montgomery, Schnoor, Strawhecker, Tracy, Ziebarth-Bovill
Assistant Professors: Agard, Bostic-Frederick, Crow, Kradl,
Kritzer, Messersmith

Senior Lecturers: Hudson, McCarty, Stirtz
Lecturers: Knipping, Knoell, Tjernagel

Professional Staff: Demaris Grant, Director of Transition to Teaching

**Department Mission:**

The Department of Teacher Education is committed to the principle that teaching is a moral endeavor and that the primary purpose of education in America’s schools is the preparation of our youth for the role of citizen in our social and political democracy. This basic belief forms the foundation of our mission. The mission is predicated upon the four moral dimensions espoused by the National Network for Educational Renewal (NNER): (a) the enculturation of youth into a social and political democracy; (b) access to knowledge; (c) nurturing pedagogy; and (d) stewardship. The themes of democracy, diversity, and technology are also central to department courses and programs.

**Desired Outcomes for Graduates of Department Programs**

The University of Nebraska at Kearney recognizes the importance of education in and for a democratic society and has identified the following desired outcomes. Therefore, by the time UNK students complete their education program, they will:

Demonstrate Knowledge of:
- (Ka) teaching area content.
- (Kb) learning theory, instructional strategies and management practices that accommodate and enhance learning of all learners.
- (Kc) purposes of schooling in a diverse and democratic society.
- (Kd) data collection and interpretation procedures necessary to maximize learning for all learners.

Demonstrate Skills to:
- (Sa) develop and implement lesson plans that utilize appropriate P-12 content standards and subject matter.
- (Sb) utilize student data to implement multiple instructional and management strategies.
- (Sc) use technology effectively in the school setting.

Demonstrate Dispositions of:
- (Da) collaboration: Demonstrates ability to work productively with colleagues and students in school and community settings.
6. Declare a teaching program(s) at the Academic Advising Office.
7. Provide evidence of the absence of any criminal conviction (misdemeanor or felony) that would prevent a student from qualifying for a teaching certificate.
8. Provide evidence of sufficient emotional and mental capacity.

**Application Procedures:**

The student must apply for admission to the Teacher Education program while enrolled in TE 100. Transfer students who have taken the equivalent of TE 100 must apply during their first term at UNK. Applications are available in the KASE Office, C-128 College of Education, phone (308) 865-8264.

The student shall be responsible for securing the application form and initiating the procedure for processing this form.

The form shall be routed confidentially throughout the entire procedure and shall be returned for action to the KASE (Knowledge and Assistance for Students in Education) Director, phone (308) 865-8264.

The Director of KASE will determine the procedure and action to be taken on each application and will either (1) approve the applicant for the Teacher Education Program; (2) disapprove the applicant. Decisions of the Director may be appealed to the Teacher Education Appeals Board.

Students will not be allowed to enroll in “blocked” 300-400 level education courses until they have been admitted to the Teacher Education program (enrollment in a limited number of “unblocked” 300-400 level courses will be permitted in the Early Childhood Unified, Elementary Education, Middle Level, Special Education Mild/Moderate K-6, and Special Education Mild/Moderate 7-12 programs).

**Student Teaching:**

Plans have been developed with a number of schools in Nebraska to permit UNK students who have met all requirements to participate in student teaching on the secondary or elementary level. Most pre-teacher education and student teaching field experiences take place in schools that are members of UNK Network of Partner Schools. UNK teaching candidates will complete a minimum of 16 weeks (14 credit hours) of all-day student teaching. Teaching candidates who pursue two field endorsements will be required to complete 20 weeks of student teaching (17 credit hours).

Teaching candidates planning to student teach in the fall semester should apply for student teaching by the first Tuesday in February. Teaching candidates planning to student teach in the spring semester should apply by the first Tuesday in September. The first step, participation in a Student Teaching Instructional Session, is mandatory. This session will outline the application and placement process. A number of these sessions will be scheduled throughout the fall and spring semesters. Students can contact the KASE Office to request a schedule for the Instructional Sessions.

All UNK student teachers under this program are obligated and pledge themselves to observe local rules and regulations. Any student teacher may be removed at any time upon the recommendation of the superintendent of schools or his designated representative.

All student teachers will be required to return to campus for one or more designated full days of training during their student teaching semester. Student teaching is graded credit/no credit. Students must follow the rules and regulations outlined in the College of Education’s Student Teaching Handbook.

**Teaching candidates must meet all of the following requirements for admission to student teaching:**

1. Admittance to teacher education.
2. An overall UNK grade point average of 2.5 or higher.
3. A grade of C (2.0 GPA) or higher in TE 204 and TE 206.
4. Satisfactory performance on the Individual Lesson Plan Case Study Common Assessment and a C or better in the course delivering the Common Assessment. Students whose performance is
unsatisfactorily will receive an incomplete in the course that delivers the assessment. The course instructor will provide a remediation plan. The following courses will be responsible for the Individual Lesson Plan Case Study:

- Secondary and K-12 Endorsement Programs ............ TE 319
- Middle Level Endorsement Program ......................... TE 472
- Early Childhood Unified, Elementary,
  Special Education .............................................. TE 312

5. Satisfactory performance in all pre-student teaching field experiences. The Pre-student Teaching Field Experiences Assessment Rubric will document performance. The Rubric includes an assessment of teaching dispositions. All education majors will complete a minimum of two credit hours of pre-student teaching field experiences. Students who perform unsatisfactorily will receive an incomplete in the field experience. The supervisor for the field experience will provide a remediation plan. The following field experiences will be reviewed for Admission to Student Teaching:

- Early Childhood Unified ................................. TE 317, TE 345
- Elementary Education ............................. TE 317, TE 354
- Special Education K-6 ......................... TE 317, TESE 464
- Special Education 7-12 ........................ TESE 464, TESE 474
- Secondary 7-12 Programs ......................... TE 320 (2 credit hours)
- Physical Education Endorsement .......... TE 471 (2 credit hours)
- Music Education .......................... MUS 358 (1 hour taken twice)
- Art Education ................................ ART 365, ART 371
- Communication Disorders ........ CDIS 312 (1 hour taken twice)

*In addition to the five criteria noted above, teaching candidates should work closely with their academic advisor(s) to identify and meet any program-specific requirements for admission to student teaching.

Application and Approval Procedures:
Questions about any facet of student teaching should be directed to the Director for Field Experiences. The Director's office is located in the Knowledge and Assistance for Students in Education Office (KASE). The KASE Office is located in the College of Education Building C-128 and the phone number is (308) 865-8937.

The Director for Field Experiences will determine whether a student is approved or denied admission to student teaching (TE 400).

Students denied admission to student teaching (TE 400) may appeal the decision to the Teacher Education Appeals Board.

Advising of students in teacher education
UNK provides academic advising as an integral part of the educational process. Establishing a friendly and honest relationship with an advisor will be an advantage to the student both personally and educationally.

All students are assigned an advisor in their major.

The KASE office provides advisory services to students concerning the PRAXIS I examination, admission to Teacher Education, degree audit reviews, and admission to student teaching. Students are encouraged to stop in at any time.

Although faculty advisors are important for providing information regarding degree requirements, class selections, and career direction, it is necessary for students to realize that the ultimate responsibility is their own. The UNK catalog is the official source of information on these matters.

Teaching Endorsements
The following endorsement programs have been established at UNK:

Teaching Subject Endorsements
(2 subject endorsements are required for certification)
- Basic Business, 7-12
- Biology, 7-12
- Chemistry, 7-12
- English, 7-12
- English as a Second Language, K-12 (also Graduate Program)

French, 7-12
Geography, 7-12
German, 7-12
Health, 7-12
History, 7-12
Mathematics, 7-12
Physical Education, K-6
Physical Education, 7-12
Physics, 7-12
Political Science, 7-12
Psychology, 7-12
Sociology, 7-12
Spanish, 7-12
Speech Communication, 7-12
Theatre, 7-12

Teaching Field Endorsements
Art, K-12
Communication Disorders, preschool-12 (5 1/2 year program)
Business (Vocational Education), 7-12
Early Childhood Unified (Birth-3rd Grade)
Elementary Education, K-6
Language Arts, 7-12
Mathematics, 7-12
Middle Grades, 4-9
Mild/Moderate Disabilities, K-6
Mild/Moderate Disabilities, 7-12
Music, K-12
Physical Science, 7-12
Social Science, 7-12

Supplemental Endorsements
(Cannot be used as a subject endorsement for the initial certificate.)
Adapted Physical Education
Cooperative Education - Diversified Occupations, 7-12
Driver Education, 7-12
Interscholastic Coaching, 7-12

Graduate Supplemental Endorsements
(see Graduate Catalog)
(Cannot be used as a subject endorsement for the initial certificate.)
Behavioral Disorders, P-12 (Graduate Program)
Curriculum and Instruction (Graduate Program)
Elementary School Counseling (Graduate Program)
Educational Media, K-12 (Graduate Program)
Gifted, K-12 (Graduate Program)
Instructional Technology (Graduate Program)
Learning Disabilities P-12 (Graduate Program)
Reading, K-12 (Graduate Programs)
School Psychologist, K-12 (Graduate Program)
Secondary School Counseling (Graduate Program)
Specific Learning Disabilities, P-12 (Graduate Program)

Administration Endorsements
Superintendent of Schools, K-12 (Graduate Program)
Elementary Principal, K-6 (Graduate Program)
Secondary Principal, 7-12 (Graduate Program)
Supervisor, K-12 (Graduate Program)

Teaching and Administration Certificates.
Applications for all teaching and administrative certificates are filed through the office of KASE. The institutional recommendation for certification and/or endorsement is based on admission to and successful completion of the respective programs.
Elementary Education Teaching Field Endorsement Option

Bachelor of Arts in Education                                  ED BAE 2404
Minimum General Studies .................................................45
including General Studies coursework required
by Teacher Education and endorsement

English Language minimum ........................................... 9 including:
  ENG 101GS, Expository Writing I ...................................3 hours
  ENG 102GS, Expository Writing II ..................................3 hours
  SPCH 100GS, Fundamentals of Speech Communication ...........3 hours

Humanities minimum .....................................................12 including:
  ART 100GS, Art Structure ...........................................3 hours
Take 1 course from:
  HIST 210GS, Western Civilization ..................................3 hours
  HIST 211GS, Western Civilization ..................................3 hours
  HIST 212GS, Non-Western World History ............................3 hours
  HIST 215GS, Introduction to Latin America .......................3 hours
Take 1 course from:
  HIST 250GS, American History ......................................3 hours
  HIST 251GS, American History ......................................3 hours

Mathematics, Statistics & Computer Science minimum ...........3 including:
  MATH 230, Concepts in Mathematics and Statistics .........3 hours

Natural Sciences minimum ................................................8 including:
Take 1 course from:
  BIOL 103GS, General Biology .......................................4 hours
  BIOL 109GS, Classroom Biology ....................................4 hours
Take 1 course from:
  PHYS 100GS, Physical Science ......................................4 hours
  PHYS 201GS, Earth Science ...........................................4 hours

Social and Behavioral Sciences minimum ..............................9 including:
  PSCI 110GS, Introduction to American Politics ...............3 hours
Take any Economic Perspective GS course ..........................3 hours
Take any GS course from:
  Social Perspective, Geographical Perspective or Behavioral Perspective ...........................................3 hours

Personal Development minimum .......................................3 including:
  PE 160GS, Healthful Living .........................................3 hours

Professional Sequence ....................................................29 including:
The remaining hours of the professional sequence are listed in the major requirements.
  TE 318, Management and Assessment in Preschool/Elementary Classrooms .........................2 hours
  TE 411, Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms ..............3 hours
Students must apply for admission to all Teacher Education programs.

Endorsement ..................................................................46

Minimum total hours required coursework ..........................120
Unrestricted electives in 125 hour program ..........................5

Minimum total hours required for BAE ................................125
in Elementary Education Teaching Field Endorsement ..........125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Elementary Education Requirements (25 hours required)
Take all of the following:
  TE 311, Math Methods I ..............................................2 hours
  TE 312, Math Methods II .............................................2 hours
  TE 314, Phonics and Word Study ...................................2 hours
  TE 315, Literary Assessment .........................................2 hours
  TE 316, Primary Grades Literacy ...................................2 hours
  TE 317, Field Experience: Literacy ................................1 hour

Bachelor of Arts in Education                                  ED BAE 2405
Bachelor of Science in Education                              ED BSE 2405

Middle Grades Teaching Field Endorsement Option

Minimum General Studies ..................................................45
+ General Studies coursework required                        ..................................................47
by Teacher Education and endorsement

English Language minimum ........................................... 9 including:
  ENG 101GS, Expository Writing I ...................................3 hours
  ENG 102GS, Expository Writing II ..................................3 hours
  MATH 104, Concepts in Mathematics and Statistics .........3 hours
  MATH 203, Math for Elementary Teachers I ....................3 hours
  MATH 330, Math for Elementary Teachers II ....................3 hours
  MUS 330, Music Methods for the Elementary Teacher .......3 hours
  PHYS 100GS, Earth Science ...........................................4 hours
  PHYS 201GS, Earth Science ...........................................4 hours
  SPCH 100GS, Fundamentals of Speech Communication .......3 hours

Humanities minimum .......................................................12 including:
Take 1 course from:
  ART 100GS, Art Structure ...........................................3 hours
  ART 120GS, Art Appreciation ......................................3 hours
  MUS 100GS, Introduction to Music ..................................3 hours
Take any of the following:
  MUS 100GS, Introduction to Music ..................................3 hours
  TEA 120GS, Introduction to the Theatre .......................3 hours
Take 1 course from:
  HIST 210GS, Western Civilization ..................................3 hours
  HIST 211GS, Western Civilization ..................................3 hours
  HIST 212GS, Non-Western World History ............................3 hours
  HIST 215GS, Introduction to Latin America .......................3 hours
Take 1 course from:
  HIST 250GS, American History ......................................3 hours
  MATH 330, Math for Elementary Teachers II ....................3 hours
  MATH 340, Non-Rhythmic Physical Education ....................3 hours
  MATH 361, Integrating Movement and Dance ......................1 hour

Note to all Elementary Majors: Any methods courses taken at the Lower Division Level (Jr. College), or more than ten years prior to the establishment of the program must be repeated. A program will be honored for five years, at which time it is subject to revision.

Teacher Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 323, Partnerships with Families</td>
<td>1</td>
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<tr>
<td>TE 331, Intermediate Literacy</td>
<td>3</td>
</tr>
<tr>
<td>TE 351, Reading in the Content Area</td>
<td>2</td>
</tr>
<tr>
<td>TE 352, Elementary Social Studies Methods</td>
<td>3</td>
</tr>
<tr>
<td>TE 353, Elementary Science Methods</td>
<td>3</td>
</tr>
<tr>
<td>TE 354, Field Experiences in Elementary School Science, Social Studies, and Content Area Reading</td>
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</tr>
<tr>
<td>Take 1 hour from:</td>
<td></td>
</tr>
<tr>
<td>TE 313, Field Experience: Math</td>
<td>0.5</td>
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<tr>
<td>(Take 0.5 hour class twice)</td>
<td></td>
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</tbody>
</table>

B. Supporting Course Requirements (21 hours required)
Take all of the following:
  ART 360, Elementary Art Methods ..................................3 hours
  ENG 425, Children’s Literature ....................................3 hours
  MATH 104, Concepts in Mathematics and Statistics ..........3 hours
  MATH 203, Math for Elementary Teachers I ....................3 hours
  MATH 330, Math for Elementary Teachers II ....................3 hours
  MUS 330, Music Methods for the Elementary Teacher .......3 hours
  PE 226, Elementary School Health Teaching ....................1 hour
  PE 340, Non-Rhythmic Physical Education ......................1 hour
  PE 361, Integrating Movement and Dance ......................1 hour

Offered by Department of Teacher Education
Elementary Education Major

Middle Grades Teaching Field Endorsement Option

Bachelor of Arts in Education                                  ED BAE 2405
Bachelor of Science in Education                              ED BSE 2405

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 230, Concepts in Mathematics and Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 430, Middle School Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

(Selection of Special Areas in Academic Concentration determines whether degree awarded is BAE or BSE; see B. Middle Grades Academic Concentration, below.)
### Teacher Education

**Natural Sciences minimum** ........................................... 11 including:
- PHYS 100GS, Physical Science ........................................ 4 hours

Take 1 course from:
- GEOG 101GS, Physical Geography I: The Atmosphere .......... 4 hours (with lab)
- GEOG 102GS, Physical Geography II: The Lithosphere .... 4 hours (with lab)
- GEOG 103GS, The Dynamic Planet:
  - Hazards in the Environment ................................ 3 hours (without lab)
- PHYS 201GS, Earth Science ........................................ 4 hours

Take 1 course from:
- BIOL 103GS, General Biology ........................................ 4 hours
- BIOL 109GS, Classroom Biology .................................... 4 hours

**Social and Behavioral Sciences minimum** ........................ 9 including:
- PSCI 110GS, Introduction to American Politics ............ 3 hours

Take any Economic Perspective GS course .................. 3 hours
Take any GS course from:
- Social Perspective, Geographical Perspective or
- Behavioral Perspective ............................................ 3 hours

**Personal Development minimum** .................................. 3 including:
- PE 160GS, Healthful Living ........................................ 3 hours

**Professional Sequence** .................................................. 29 including:
- TE 472, Management and Assessment in Middle Level Classrooms ........................................ 2 hours
Take **ONE** of the following options:
  - Take 1 course:
    - TE 411, Inclusive Practices for Students
      - with Exceptionalities in PreK-8 Classrooms ............ 3 hours
  - OR take 2 courses:
    - TE 306, Reading and Inclusion in K-12 Classrooms .... 2 hours
    - TE 320, Field Experience in Secondary Classroom - 0-2 hours
      (see advisor)

  *Students must apply for admission to all Teacher Education programs.*

**Endorsement** .................................................. 65-93

The lower hour requirements for the Endorsement may be achieved with careful planning and advising in the selection of General Studies courses and Special Areas of Academic Concentration.

**Minimum total hours required coursework** .................. 141-169

**Unrestricted electives in 125 hour program** ............ 0

**Minimum total hours required for BAE/BSE in Middle Grades**

**Education Teaching Field Endorsement** .................. 141-169

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

### A. Middle Grades Core Requirements (29 hours required)

Take all of the following:
- TE 323, Partnerships with Families .................. 1 hour
- TE 471, History and Philosophy of Middle School .... 3 hours
- TE 473, Field Experience in Middle Level Classrooms - 1-2 hours

**NOTE:** Students must take at least one second methods course (designated by ** below). Choice may add hours to the endorsement. Work closely with advisor.

**Language Arts and Reading Component**

- ENG 426, Literature for Adolescents .................. 3 hours

Take 1 from the following:
- TE 331, Intermediate Literacy ................................. 3 hours
- ENG 424**, Teaching Secondary School English .......... 3 hours

**Math Component**

- MATH 104, Concepts in Mathematics and Statistics .... 3 hours

Take **ONE** of the following options:
  - Take 3 courses:
    - TE 311, Math Methods I ................................. 2 hours

  - TE 313, Field Experience: Math ................................. 1 hour (take 0.5 hour class twice)
  - MATH 230, Math for Elementary Teachers I ............ 3 hours

**OR** take 2 courses:
- MATH 430, Middle School Mathematics .................. 3 hours
  (Prereq: MATH 230)
- MATH 470**, Teaching of Secondary Mathematics .... 3 hours
  (Prereq: MATH 260 or permission of instructor; admission to Teacher Education)

**Science/Social Studies Methods Component**

Take **ONE** of the following options:

- Take 4 courses:
  - TE 351, Reading in the Content Area .................. 2 hours
  - TE 352, Elementary Social Studies Methods .......... 3 hours
  - TE 353, Elementary Science Methods .................. 3 hours
  - TE 354, Field Experiences in Elementary School
  - Science, Social Studies, and Content Area Reading .... 1 hour

  **OR** take 1 course:
  - SOSC 370**, Social Science of the High School .... 3 hours

**Take one from the following:**
- BIOL 471**, Methods in Secondary Science Teaching .... 3 hours
  (Prereq: BIOL 105GS, BIOL 106GS, BIOL 290, admission to Teacher Education)
- PHYC 471**, Methods in Secondary Science Teaching .... 3 hours

**Fine Arts Component**

Take **ONE** from the following:
- ART 360, Elementary Art Methods .................. 3 hours
  (Prereq: ART 100GS, non-art majors)
- MUS 330, Music Methods for the Elementary Teacher .... 3 hours

**B. Middle Grades Academic Concentration (36-64 hours required)**

Students must have 18 distinct hours in each of two specialization areas:

**BUSINESS EDUCATION (21 hours required)**

**SA 4003**

Take all of the following:
- BACC 250, Beginning Accounting I .................. 3 hours
  (Prereq: MATH 102 or equivalent; sophomore standing)
- BSAD 295, Business Communications .................. 3 hours
- BMGT 301, Principles of Management .................. 3 hours
- BSAD 470, Vocational Business Methods ........ .... 3 hours
- BMGT 301, Principles of Management .................. 3 hours
- ECON 100GS*, Contemporary Economic Issues ........ 3 hours
- FSID 160GS, Personal Money Management ............ 3 hours

  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

**FOREIGN LANGUAGES**

**FRENCH (21 hours required)**

**SA 4003**

Take all of the following:
- FREN 200GS, Intermediate French I ............. 3 hours
- FREN 201GS, Intermediate French II ............. 3 hours
- FREN 303, French Phonetics ..................... 3 hours
- FREN 304, Culture, Conversation, Composition .... 3 hours
- FREN 401, Advanced Composition and Grammar Review .... 3 hours
- FREN 414, Advanced French Conversation ........ 3 hours
- FORL 472, Foreign Language Pedagogy .... 3 hours

**GERMAN (21 hours required)**

**SA 4003**

Take all of the following:
- GERM 200GS, Intermediate German I ........... 3 hours
- GERM 201GS, Intermediate German II ........... 3 hours
- GERM 204GS, Culture, Conversation and Composition .... 3 hours
- GERM 303, Advanced German Grammar ........... 3 hours
- GERM 304, Advanced Composition and Conversation I .... 3 hours
- GERM 414, Advanced Composition and Conversation II .... 3 hours
- FORL 472, Foreign Language Pedagogy .... 3 hours
MATHEMATICS (18 hours required)
SA 4009
Take all of the following:
MATH 104***, Concepts in Mathematics and Statistics...........3 hours
MATH 230*, Math for Elementary Teachers I .........................3 hours
MATH 330*, Math for Elementary Teachers II .......................3 hours
MATH 430, Middle School Mathematics ................................3 hours
STAT 241, Elementary Statistics .......................................3 hours
Take ONE of the following options:
Take 3 courses:
TE 311, Math Methods I ..................................................2 hours

SPANISH (21 hours required)
SA 4005
Take all of the following:
SPAN 200GS, Intermediate Spanish I...............................3 hours
SPAN 201GS, Intermediate Spanish II.............................3 hours
SPAN 204GS, Spanish Conversation ..............................3 hours
SPAN 302, Spanish Phonetics/Phonology ........................3 hours
SPAN 303, Advanced Spanish Grammar ..........................3 hours
SPAN 304, Advanced Conversation and Composition .........3 hours
FORL 472, Foreign Language Pedagogy .............................3 hours

HEALTH AND PHYSICAL EDUCATION (22 hours required)
SA 4008
Take all of the following:
PE 160GS*, Healthful Living .........................................3 hours
PE 220, Teaching Aerobic and Anaerobic Activities ..........1 hour
PE 221, Teaching Sport and Leisure Activities ...............2 hours
(Prereq: completion of required PE 110GS courses)
PE 241, Rhythmic Activities for Elementary Schools .......2 hours
(Prereq: completion of required PE 110GS courses)
PE 260GS, First Aid, Responding to Emergencies ............2 hours
PE 325, Motor Learning and Development ....................3 hours
PE 369, Remedial and Adaptive Physical Education .......3 hours
PE 420, Methods in Health and Physical Education .......3 hours
PE 450, Curriculum and Assessment ............................3 hours
for Physical Education ................................................3 hours
PE 464, Secondary School Health ................................3 hours
*Course possibly may fulfill General Studies requirement as
Academic Concentration requirement. Consult advisor.

LANGUAGE ARTS (24 hours required)
SA 4002
Take the following course:
ENG 234GS, Reading and Writing about Literature ...........3 hours
Take one from the following American Literature courses:
ENG 352A, Survey of U.S. Literature I ............................3 hours
ENG 352B, Survey of U.S. Literature II ...........................3 hours
ENG 358, Literature of the American West .....................3 hours
Take one from the following British Literature courses:
ENG 362A, Survey of British and Commonwealth
Literature I ...............................................................3 hours
ENG 362B, Survey of British and Commonwealth
Literature II .............................................................3 hours
ENG 463, Seminar in Shakespeare ................................3 hours
Take all of the following:
ENG 102GS*, Introduction to Expository Prose ..............3 hours
ENG 303, Introduction to Linguistics .............................3 hours
ENG 304, Grammar I ..................................................3 hours
ENG 311, Advanced Writing I .......................................3 hours
ENG 424, Teaching Secondary School English ............3 hours
ENG 426, Literature for Adolescents .............................3 hours
(Taken as part of A. Middle Grades Core Requirements)
SPCH 100GS*, Fundamentals of Speech Communication 3 hours
*Course possibly may fulfill General Studies requirement as
well as Academic Concentration requirement. Consult advisor.

Teacher Education

OR take 1 course:
MATH 470, Teaching of Secondary Mathematics ..........3 hours
(Prereq: MATH 260 or permission of instructor; admission to Teacher Education)

Take 6 hours from:
MATH 103, Plane Trigonometry ....................................3 hours
(Prereq: MATH 102)
MATH 120, Finite Mathematics ..................................3 hours
(Prereq: MATH 102)
MATH 123, Applied Calculus I ..................................3 hours
(Prereq: MATH 102)
TE 474, Problem Solving in the Elementary
and Middle School Classroom ..............................3 hours
*Course possibly may fulfill General Studies requirement as
well as Academic Concentration requirement.
**Students with sufficient mathematics background (4 years
of high school math plus an ACT math score of 20 or higher)
may register for MATH 230. Consult advisor.

NATURAL SCIENCES (18 hours required)
SA 4101
Take all of the following:
PHYS 101GS*, Physical Science ..................................4 hours
PHYS 301, Advanced Physical Science ........................4 hours
Take 1 course from:
GEOG 101GS*, Physical Geography I: The Atmosphere ....4 hours
GEOG 102GS*, Physical Geography II: The Lithosphere ...4 hours
GEOG 103GS*, The Dynamic Planet: Hazards in the Environment ..........................3 hours
PHYS 201GS*, Earth Science .....4 hours
Take 1 course from:
BIOL 103GS*, General Biology ..................................4 hours
BIOL 109GS*, Classroom Biology .............................4 hours
Take 1 course from:
BIOL 105GS, Biology I ...........................................4 hours
BIOL 106GS, Biology II ..........................................4 hours
BIOL 211GS, Human Microbiology .............................4 hours

Take ONE of the following options:
Take 1 course from:
CHEM 145GS, Introductory Chemistry ..........................4 hours
CHEM 150GS, Introduction to Organic and Biochemistry ........................................4 hours
OR take two courses:
CHEM 160GS, General Chemistry .............................3 hours
(Prereq: MATH 102 or Math ACT score of 20 or better
or permission of instructor)
CHEM 160LGS, General Chemistry Laboratory ..........1 hour
OR take two courses:
CHEM 161GS, General Chemistry .............................3 hours
(Prereq: C grade in CHEM 160GS and CHEM 160LGS
OR advanced placement)
CHEM 161LGS, General Chemistry Laboratory ..........1 hour
Take 1 course from:
GEOG 207GS, Physical Geology .................................3 hours
GEOG 209GS, Meteorology ....................................3 hours
(Prereq: MATH 102 or permission of instructor)
PHYS 210GS, Astronomy .......................................3 hours
Take 1 course from:
BIOL 471, Methods in Secondary Science Teaching ....3 hours
(Prereq: BIOL 105GS, BIOL 106GS, BIOL 290,
admission to Teacher Education)
Teacher Education

PHYS 471, Methods in Secondary Science Teaching ........3 hours
TE 353, Elementary Science Methods ........................................3 hours
(Coreq: TE 351, TE 352, TE 354)
*Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

SOCIAL SCIENCES (18 hours required)
SA 4014
Take all the following:
ECON 100GS*, Contemporary Economic Issues........3 hours
HIST 210GS*, Western Civilization.................................3 hours
HIST 211GS*, Western Civilization.................................3 hours
HIST 212GS*, Non-Western World History.........................3 hours
HIST 250GS*, American History........................................3 hours
HIST 251GS*, American History........................................3 hours
HIST 479, Nebraska and the Great Plains History...............3 hours
PSCI 110GS*, Introduction to American Politics.................3 hours
Take 1 course from:
GEOG 101GS*, Physical Geography I: The Atmosphere........4 hours
(with lab)
GEOG 102GS*, Physical Geography II: The Lithosphere........4 hours
(with lab)
GEOG 103GS*, The Dynamic Planet: Hazards in the Environment ........3 hours
(without lab)
GEOG 207GS, Physical Geology...........................................3 hours
Take 1 course from:
GEOG 104GS*, World Regional Geography.........................3 hours
GEOG 106GS*, Cultural Geography......................................3 hours
GEOG 340, Developing Nations.........................................3 hours
(Prereq: GEOG 104GS or GEOG 106GS)
Take 1 course from:
TE 352, Elementary Social Studies Methods.....................3 hours
(Coreq: TE 351, TE 353, TE 354)
SOSC 370, Social Science of the High School....................3 hours
*Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

SPECIAL EDUCATION (27-40 hours required)
SA 4015
An endorsement in any of Nebraska Special Education endorsements, which includes any portion of grades 4 through 9, may be accepted in lieu of one Content Area of Specialization.
I. Mild/Moderate Disabilities K-6 Teaching Field Endorsement
II. Mild/Moderate Disabilities 7-12 Teaching Field Endorsement

Minimum General Studies ..................................................45
including General Studies coursework required
by Teacher Education and endorsement

Published by Department of Teacher Education
Elementary Education Major

Early Childhood Unified Teaching Field Endorsement Option

Bachelor of Arts in Education ..............................................ED BAE 2412

HIST 212GS, Non-Western World History.........................3 hours
HIST 215GS, Introduction to Latin America.......................3 hours
Take 1 course from:
HIST 250GS, American History........................................3 hours
HIST 251GS, American History........................................3 hours
Mathematics, Statistics & Computer Science minimum... 3 including:
MATH 230, Concepts in Mathematics and Statistics........3 hours
Natural Sciences minimum .............................................8 including:
Take 1 course from:
BIOI 103GS, General Biology........................................4 hours
BIOI 109GS, Classroom Biology......................................4 hours
Take 1 course from:
PHYS 100GS, Physical Science........................................4 hours
PHYS 201GS, Earth Science ............................................4 hours
Social and Behavioral Sciences minimum .........................9 including:
PSCI 110GS, Introduction to American Politics.................3 hours
Take any Economic Perspective GS course......................3 hours
Take any GS course from:
Social Perspective, Geographical Perspective or
Behavioral Perspective..................................................3 hours
Personal Development minimum ...................................3 including:
PE 160GS, Healthful Living.............................................3 hours

Professional Sequence.......................................................29 including:
TE 318, Management and Assessment in Preschool/Elementary Classrooms.......2 hours
TE 411, Inclusive Practices for Students
with Exceptionalities in PreK-8 Classrooms......................3 hours
*Students must apply for admission to all Teacher Education programs.

Endorsement..................................................................51
Minimum total hours required coursework..........................125
Unrestricted electives in 125 hour program.........................0
Minimum total hours required for BAE..............................51
in Early Childhood Unified Teaching Field Endorsement.........125
All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. Elementary Education Requirements (29 hours required)
Take all of the following:
TE 311, Math Methods I..................................................2 hours
TE 312, Math Methods II ..............................................2 hours
TE 314, Phonics and Word Study....................................2 hours
TE 315, Literacy Assessment...........................................2 hours
TE 316, Primary Grades Literacy....................................2 hours
TE 317, Field Experience: Literacy................................1 hour
TE 323, Partnerships with Families................................1 hour
TE 341, Foundations of Early Childhood Education...........2 hours
TE 342, Literacy Methods for the Preschool Teacher..........2 hours
TE 343, Methods of Inclusive Education Birth through Age 3-3 hours
TE 344, Methods of Inclusive Education Ages 4 through 8.3 hours
TESE 430, Collaboration, Consultation, and Teamwork........2 hours
TESE 437, Medical Aspects of Individuals with Disabilities..3 hours
Take 1 hour from:
TE 313, Field Experience: Math....................................0.5 hour
(1Take 0.5 hour class twice)
Take 1 hour from:
TE 345, Field Experience: Early Childhood Unified.........0.5 hour
(1Take 0.5 hour class twice)

B. Supporting Course Requirements (22 hours required)
Take all of the following:
ART 360, Elementary Art Methods...............................3 hours
CDIS 321, Early Communicative Development
for the Teacher..................................................2 hours
CDIS 323, Introduction to Infant Testing........................1 hour
ENG 425, Children’s Literature....................................3 hours
MATH 104, Concepts in Mathematics and Statistics........3 hours
MATH 230, Math for Elementary Teachers I.............3 hours
MATH 330, Math for Elementary Teachers II...........3 hours
MUS 330, Music Methods for the Elementary Teacher ...3 hours
PE 361, Integrating Movement and Dance..............1 hour

Offered by Department of Teacher Education
Special Education Major

Mild/Moderate K-6 Teaching Field Endorsement Option

Bachelor of Arts in Education  
ED BAE 2817

Minimum General Studies ........................................45
including General Studies coursework required by Teacher Education

English Language minimum..................................9 including:
ENG 101GS, Expository Writing I.........................3 hours
ENG 102GS, Expository Writing II.......................3 hours
SPCH 100GS, Fundamentals of Speech Communication..3 hours

Humanities minimum.........................................12 including:
Take 1 course from:
HIST 210GS, Western Civilization.......................3 hours
HIST 211GS, Western Civilization.......................3 hours
HIST 212GS, Non-Western World History..............3 hours
HIST 215GS, Introduction to Latin America...........3 hours
Take 1 course from:
HIST 250GS, American History..........................3 hours
HIST 251GS, American History..........................3 hours

Mathematics, Statistics & Computer Science minimum..3
Natural Sciences minimum.................................8 including:
Take 1 course from:
BIOL 103GS, General Biology............................4 hours
BIOL 109GS, Cellular Biology............................4 hours
Take 1 course from:
PHYS 100GS, Physical Science..........................4 hours
PHYS 201GS, Earth Science..............................4 hours

Social and Behavioral Sciences minimum...............9 including:
PSCI 110GS, Introduction to American Politics........3 hours
Take any Economic Perspective GS course..............3 hours
Take any GS course from:
Social Perspective,
Geographical Perspective or
Behavioral Perspective.................................3 hours

Personal Development minimum..........................3 including:
PE 160GS, Healthful Living................................3 hours

Professional Sequence......................................29 including:
The remaining hours of the professional sequence are listed in the
major requirements.
TE 318, Management and Assessment
in Preschool/Elementary Classrooms...................2 hours
TE 411, Inclusive Practices for Students
with Exceptionalities in PreK-8 Classrooms.........3 hours
Students must apply for admission to all Teacher Education
programs.

Endorsement...................................................47
Minimum total hours required coursework..............121
Unrestricted electives in 125 hour program...........4

Minimum total hours required for BAE
in Mild/Moderate K-6 Teaching Subject Endorsement...125
All UNK degrees require a minimum of 125 hours. Forty (40) of the
hours required for all UNK degrees must be upper division hours,
which are courses numbered 300 or above taken at a 4-year college
or university.

Mild/Moderate K-6 Teaching Subject Endorsement Requirements
(47 hours required)
Take all of the following:
TE 311, Math Methods I....................................2 hours
TE 312, Math Methods II..................................2 hours

Offered by Department of Teacher Education
Special Education Major

Mild/Moderate 7-12 Teaching Field Endorsement Option

Bachelor of Arts in Education  
ED BAE 2818

Minimum General Studies ........................................45
including General Studies coursework required by Teacher Education

English Language minimum..................................9 including:
ENG 101GS, Expository Writing I.........................3 hours
ENG 102GS, Expository Writing II.......................3 hours
SPCH 100GS, Fundamentals of Speech Communication..3 hours

Humanities minimum.........................................12 including:
Take 1 course from:
HIST 210GS, Western Civilization.......................3 hours
HIST 211GS, Western Civilization.......................3 hours
HIST 212GS, Non-Western World History..............3 hours
HIST 215GS, Introduction to Latin America...........3 hours
Take 1 course from:
HIST 250GS, American History..........................3 hours
HIST 251GS, American History..........................3 hours

Mathematics, Statistics & Computer Science minimum..3
Natural Sciences minimum.................................7
Social and Behavioral Sciences minimum...............9 including:
PSCI 110GS, Introduction to American Politics........3 hours
Take any Economic Perspective GS course..............3 hours
Take 1 course from:
PSY 203GS, General Psychology.......................3 hours
PSY 230GS, Human Development.......................3 hours

Personal Development minimum..........................3 including:
PE 160GS, Healthful Living................................3 hours

Professional Sequence......................................28 including:
TE 306, Reading and Inclusion in K-12 Classrooms....2 hours
TE 319, Management and Assessment
in K-12/Secondary Classrooms.........................2 hours
Students must apply for admission to all Teacher Education
programs.

Teacher Education

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</table>
| TE 314, Phonics and Word Study...........................2 hours
| TE 315, Literacy Assessment..............................2 hours
| TE 316, Primary Grades Literacy..........................2 hours
| TE 317, Field Experience: Literacy.......................1 hour
| TE 323, Partnerships with Families.......................1 hour
| TE 331, Intermediate Literacy.............................3 hours
| TESE 430, Collaboration, Consultation, and Teamwork....2 hours
| TESE 437, Medical Aspects of Individuals with Disabilities..3 hours
| CDIS 352, Normal and Disordered Language: 6-12 Years..3 hours
| MATH 104, Concepts in Mathematics and Statistics....3 hours
| MATH 230, Math for Elementary Teachers I.............3 hours
| MATH 330, Math for Elementary Teachers II............3 hours
| Take 1 hour from:
| TE 313, Field Experience: Math..........................0.5 hour
| (Take 0.5 hour class twice)
| Take all of the following in specified sequence:
| TESE 461, Legal Issues in Special Education............3 hours
| TESE 462, Assessment and Program Planning
| in Special Education.....................................4 hours
| TESE 463, Instructional Strategies
| for Individuals with Disabilities.........................2 hours
| TESE 464, Field Experience in Special Education........1 hour
| TESE 467, Behavioral Interventions
| for Individuals with Disabilities.........................2 hours
| TESE 468, Assistive Technology Interventions...........2 hours

Teacher Education

Endorsement................................................................. 45-51
Minimum total hours required coursework..........................118-124
Unrestricted electives in 125 hour program.......................... 1-7
Minimum total hours required for BAE
in Mild/Moderate 7-12 Teaching Subject Endorsement.........125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

Mild/Moderate 7-12 Teaching Subject Endorsement Requirements
(27 hours required)

Take all of the following:

- TESE 437, Medical Aspects of Individuals with Disabilities........3 hours
- TESE 461, Legal Issues in Special Education..................3 hours
- TESE 462, Assessment and Program Planning in Special Education..................4 hours
- TESE 463, Instructional Strategies for Individuals with Disabilities........2 hours
- TESE 464, Field Experience in Special Education............1 hour
- TESE 467, Behavioral Interventions for Individuals with Disabilities........2 hours
- TESE 468, Assistive Technology Interventions..............2 hours
- TESE 474, Field Experience in Secondary Special Education....1 hour
- TESE 475, Curriculum Content for Secondary Students with Disabilities........................................3 hours
- TESE 476, Transitional Issues for Individuals with Disabilities........................................3 hours
- TESE 479, Developing Social and Personal Skills in Individuals with Disabilities........................................3 hours

Academic Concentration (18-24 hours required)

Take one of the following Academic Concentrations:

BUSINESS EDUCATION (18 hours required)

Take 18 hours from:

- BACC 250, Beginning Accounting I............................3 hours
  (Prereq: MATH 102 or equivalent; sophomore standing)
- BSAD 115, Introduction to Business...........................3 hours
- BSAD 295, Business Communications........................3 hours
- BSAD 302, Automated Office Systems.......................3 hours
- BSAD 470, Vocational Business Methods...................3 hours
- BMGT 301, Principles of Management.......................3 hours
- ECON 100GS*, Contemporary Economic Issues...........3 hours
- FSID 160GS, Personal Money Management................3 hours
  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

FOREIGN LANGUAGES (18 hours required)

FRENCH

Take 18 hours from:

- FREN 200GS, Intermediate French I..........................3 hours
  (Prereq: FREN 101 or equivalent)
- FREN 201GS, Intermediate French II.......................3 hours
  (Prereq: FREN 101 or equivalent)
- FREN 303, French Phonetics................................3 hours
- FREN 304, Culture, Conversation, Composition........3 hours
  (Prereq: FREN 201GS)
- FREN 401, Advanced Composition and Grammar Review........3 hours
- FREN 414, Advanced French Conversation................3 hours
  (Prereq: FREN 201GS or equivalent)
- FORL 472, Foreign Language Pedagogy....................3 hours

GERMAN

Take 18 hours from:

- GERM 200GS, Intermediate German I........................3 hours
  (Prereq: GERM 101 or equivalent)
- GERM 201GS, Intermediate German II......................3 hours
  (Prereq: GERM 101 or equivalent)
- GERM 204GS, Culture, Conversation and Composition......3 hours
  (Prereq: GERM 101 or equivalent)
- GERM 303, Advanced German Grammar....................3 hours
  (Prereq: GERM 201GS or equivalent)
- GERM 304, Advanced Composition and Conversation I......3 hours
  (Prereq: GERM 201GS or equivalent)
- GERM 414, Advanced Composition and Conversation II.....3 hours
  (Prereq: GERM 201GS or equivalent)
- FORL 472, Foreign Language Pedagogy....................3 hours

SPANISH

Take 18 hours from:

- SPAN 200GS, Intermediate Spanish I..........................3 hours
  (Prereq: SPAN 101 or equivalent)
- SPAN 201GS, Intermediate Spanish II......................3 hours
  (Prereq: SPAN 200GS or equivalent)
- SPAN 204GS, Spanish Conversation.......................3 hours
  (Prereq: SPAN 200GS or equivalent)
- SPAN 302, Spanish Phonetics/Phonology...................3 hours
  (Prereq: SPAN 201GS or equivalent)
- SPAN 303, Advanced Spanish Grammar....................3 hours
  (Prereq: SPAN 201GS or equivalent)
- SPAN 304, Advanced Conversation and Composition........3 hours
  (Prereq: SPAN 204GS or equivalent)
- FORL 472, Foreign Language Pedagogy....................3 hours

HEALTH AND PHYSICAL EDUCATION (18 hours required)

Take 18 hours from:

- PE 160GS*, Healthful Living..................................3 hours
- PE 220, Teaching Aerobic and Anaerobic Activities........1 hour
- PE 221, Teaching Sport and Leisure Activities..........2 hours
  (Prereq: completion of required PE 110GS courses)
- PE 241, Rhythmic Activities for Elementary Schools........2 hours
  (Prereq: completion of required PE 110GS courses)
- PE 260GS, First Aid, Responding to Emergencies........3 hours
- PE 325, Motor Learning and Development................3 hours
- PE 369, Remedial and Adaptive Physical Education........3 hours
- PE 420, Methods in Health and Physical Education........3 hours
- PE 450, Curriculum and Assessment for Physical Education........................................3 hours
  (Prereq: PE 100 or PE 221)
- PE 464, Secondary School Health............................3 hours
  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

LANGUAGE ARTS (18 hours required)

Take the following course:

- ENG 234GS, Reading and Writing about Literature........3 hours

Take one from the following American Literature courses:

- ENG 352A, Survey of U.S. Literature I...................3 hours
- ENG 352B, Survey of U.S. Literature II................3 hours
- ENG 358, Literature of the American West...............3 hours

Take one from the following British Literature courses:

- ENG 362A, Survey of British and Commonwealth Literature I........................................3 hours
- ENG 362B, Survey of British and Commonwealth Literature II........................................3 hours
- ENG 463, Seminar in Shakespeare........................3 hours
  Take 9 hours from:
- ENG 102GS*, Introduction to Expository Prose.........3 hours
- ENG 303, Introduction to Linguistics....................3 hours
- ENG 304, Grammar I........................................3 hours
- ENG 311, Advanced Writing I................................3 hours
- ENG 424, Teaching Secondary School English..........3 hours
- ENG 426, Literature for Adolescents...................3 hours
  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.
MATHEMATICS (21 hours required)
Take all of the following:
- MATH 104, Concepts in Mathematics and Statistics………3 hours
- MATH 230*, Math for Elementary Teachers I……………3 hours
- MATH 330*, Math for Elementary Teachers II………….3 hours
- MATH 430, Middle School Mathematics…………………3 hours
- STAT 241, Elementary Statistics……………………3 hours

Take ONE of the following options:
- Take 3 courses:
  - TE 311, Math Methods I…………………………2 hours
  - TE 312, Math Methods II……………………….2 hours
  - TE 313, Field Experience: Math………………….1 hour
    (Take 0.5 hour class twice)

  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

OR take 1 course:
- MATH 470, Teaching of Secondary Mathematics………3 hours
  (Prereq: MATH 260 or permission of instructor; admission to Teacher Education)

Take 6 hours from:
- MATH 103*, Plane Trigonometry………………………3 hours
- MATH 120, Finite Mathematics……………………3 hours
- MATH 123, Applied Calculus I……………………3 hours
- TE 474, Problem Solving in the Elementary and Middle School Classroom…3 hours

NATURAL SCIENCES (22 hours required)
Take all of the following:
- PHYS 100GS*, Physical Science……………………4 hours
- PHYS 301, Advanced Physical Science………………4 hours

Take 1 course from:
- GEOG 104GS*, Physical Geography: The Atmosphere……4 hours
- GEOG 106GS*, Physical Geography: The Lithosphere……4 hours
- GEOG 103GS*, The Dynamic Planet: Hazards in the Environment………3 hours
- PHYS 201GS*, Earth Science……………………….4 hours

Take 1 course from:
- BIOL 103GS*, General Biology…………………..4 hours
- BIOL 109GS*, Classroom Biology…………………4 hours

Take 1 course from:
- BIOL 105GS*, Biology I…………………………4 hours
- BIOL 106GS*, Biology II………………………4 hours
- BIOL 211GS*, Human Microbiology………………4 hours

Take ONE of the following options:
- Take 1 course from:
  - CHEM 145GS*, Introductory Chemistry……………4 hours
  - CHEM 150GS*, Introduction to Organic and Biochemistry……………………4 hours

  *Course possibly may fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.

OR take two courses:
- CHEM 160GS*, General Chemistry………………3 hours
- CHEM 160LGS*, General Chemistry Laboratory……1 hour

Take 1 course from:
- GEOG 207GS*, Physical Geology………………….3 hours
- GEOG 209GS*, Meteorology……………………3 hours
- PHYS 209GS*, Meteorology…………………….3 hours
- PHYS 210GS*, Astronomy…………………………3 hours

Take 1 course from:
- TE 351, Methods in Secondary Science Teaching……3 hours
  (Prereq: BIOL 105GS, BIOL 106GS, BIOL 290, admission to Teacher Education)
- PHYS 471, Methods in Secondary Science Teaching…..3 hours
  (Coreq: TE 351, TE 352, TE 354)

SOCIAL SCIENCES (20 hours required)
Take all of the following:
- ECON 100GS*, Contemporary Economic Issues……….3 hours
- HIST 210GS*, Western Civilization…………………..3 hours
- HIST 211GS*, Western Civilization…………………..3 hours
- HIST 212GS*, Non-Western World History…………3 hours
- HIST 250GS*, American History…………………..3 hours
- HIST 251GS*, American History…………………..3 hours
- HIST 479, Nebraska and the Great Plains History……3 hours

Take 1 course from:
- GEOG 104GS*, World Regional Geography………….3 hours
- GEOG 106GS*, Cultural Geography…………………..3 hours
- GEOG 140, Developing Nations……………………3 hours
  (Prereq: GEOG 104GS or GEOG 106GS)

Take 1 course from:
- TE 352, Elementary Social Studies Methods…………3 hours
  (Coreq: TE 351, TE 353, TE 354)
- PSY 230GS, Human Development…………………..3 hours
- PSY 250, Behavioral Statistics…………………….4 hours
  (Prereq: PSY 203GS)
- PSY 270, Experimental Psychology………………….4 hours
- PSY 430, Memory and Cognition…………………..3 hours
  (Prereq: PSY 203GS)
- PSY 430L, Memory and Cognition Laboratory………1 hour
- PSY 455, Adolescent Psychology…………………..3 hours

SPECIAL EDUCATION (24 hours required)
Take all of the following:
- TE 311, Math Methods I…………………..……………2 hours
- TE 312, Math Methods II…………………..……………2 hours
- TE 314, Phonics and Word Study…………………..2 hours
- TE 315, Literacy Assessment…………………..………….2 hours
- TE 316, Primary Grades Literacy…………………..2 hours
- TE 317, Field Experience: Literacy…………………..1 hour
- TE 323, Partnerships with Families…………………..1 hour
- TE 331, Intermediate Literacy…………………..…………3 hours
- TESE 430, Collaboration, Consultation, and Teamwork………..2 hours
- MATH 230, Math for Elementary Teachers I…………3 hours
- MATH 330, Math for Elementary Teachers II………..3 hours

Take 1 hour from:
- TE 313, Field Experience: Math…………………..……0.5 hour
  (Take 0.5 hour class twice)
Teacher Education

Offered by Departments of Teacher Education

Modern Languages

English as a Second Language Teaching Subject Endorsement

Bachelor of Arts in Education

FAH BAE 3404

Minimum General Studies ........................................... 45
including General Studies coursework required by Teacher Education

English Language minimum ......................... 9 including:
ENG 101GS, Expository Writing I ......................... 3 hours
ENG 102GS, Expository Writing II ....................... 3 hours
SPCH 100GS, Fundamentals of Speech Communication .. 3 hours

Humanities minimum ............................................. 12 including:

Take 1 course from:
HIST 210GS, Western Civilization ....................... 3 hours
HIST 211GS, Western Civilization ....................... 3 hours
HIST 212GS, Non-Western World History .............. 3 hours
HIST 215GS, Introduction to Latin America .......... 3 hours

Take 1 course from:
HIST 250GS, American History ......................... 3 hours
HIST 251GS, American History ......................... 3 hours

Mathematics, Statistics & Computer Science minimum .... 3

Natural Sciences minimum .......................................

Social and Behavioral Sciences minimum .............. 9 including:
PSCI 110GS, Introduction to American Politics ....... 3 hours

Take any Economic Perspective GS course ............ 3 hours

Take any GS course from:
Social Perspective,
Geographical Perspective or
Behavioral Perspective ...........................................

Personal Development minimum ....................... 3 including:
PE 160GS, Healthful Living ................................ 3 hours

Professional Sequence ........................................... 30 including:

TE 319, Management and Assessment
in K-12/Secondary Classrooms ......................... 2 hours
TE 320, Field Experience in Secondary Classroom .... 2 hours

Students must apply for admission to all Teacher Education programs.

Endorsement ...................................................... 20-30

Minimum total hours required for coursework ........ 125

Unrestricted electives in 125 hour program .......... 0

Minimum total hours required for BAE

in English as a Second Language Subject Endorsement .... 125

All UNK degrees require a minimum of 125 hours. Forty (40) of the hours required for all UNK degrees must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.

A. TESOL Requirements (20 hours required)

Take all of the following:

ENG 303, Introduction to Linguistics .................... 3 hours
FORL 470, TESOL ........................................... 3 hours
FORL 472, Foreign Language Pedagogy ............... 3 hours
SPCH 154, Cross-Cultural Communication ............. 3 hours
TE 327, Introduction to Language Minority Students .. 2 hours
TE 328, Content Methods in English as a Second Language .. 3 hours
TE 329, Educational Assessment of ESL Students ....... 3 hours

B. Other Requirement (0-10 hours required)

Modern Languages ............................................. 0-10 hours

One year of another language or equivalency in a language other than a native language at University level (10 credit hours). Fall 1997 admission requirements will normally meet this expectation.

Offered by Department of Teacher Education

Early Childhood Education Minor

MN 1012

Minimum hours required for minor .......................

Requirements

Take all of the following:

TESE 430, Collaboration, Consultation, and Teamwork .... 2 hours
TESE 437, Medical Aspects of Individuals with Disabilities .... 3 hours
TE 341, Foundations of Early Childhood Education ....... 2 hours
TE 342, Literacy Methods for the Preschool Teacher ....... 2 hours
CDIS 321, Early Communicative Development for the Teacher ........................................... 2 hours
CDIS 323, Introduction to Infant Testing .................. 1 hour
FSID 250, Infant Development ................................ 3 hours
FSID 253, Child Development ................................ 3 hours
FSID 302, Parent Education .................................. 3 hours

Take ONE of the following options:

Take:

ART 360, Elementary Art Methods ....................... 3 hours
(Prereq: ART 100GS, non-art majors) may be taken as part of General studies program.

OR take:

MUS 330, Music Methods for the Elementary Teacher .... 3 hours

OR take 2 courses:

PE 340, Non Rhythmic Physical Education ........... 1 hour
PE 361, Integrating Movement and Dance ............... 1 hour

Offered by Department of Teacher Education

Special Education Minor

MN 1013

Minimum hours required for minor .......................

Requirements

Take all of the following:

TE 204, Typical/Atypical Growth and Development ..... 4 hours
TE 469, The Psychology and Education of Gifted and Talented Learners ................. 3 hours
TE 470, Guiding the Social and Emotional Development of Gifted/Talented Learners .......... 3 hours
TESE 430, Collaboration, Consultation, and Teamwork .... 2 hours
TESE 437, Medical Aspects of Individuals with Disabilities .... 3 hours
TESE 461, Legal Issues in Special Education .......... 3 hours

Take 2 of the following:

TE 323, Partnerships with Families ...................... 1 hour
(Prereq: TE 100)
TE 328, Content Methods in English as a Second Language .. 3 hours
CDIS 210, Survey of Communication Disorders ........... 3 hours
CDIS 413, American Sign Language I .................... 3 hours
CDIS 416, American Sign Language II ............... 3 hours
(Prereq: CDIS 413)
CDIS 352, Normal and Disordered Language: 6-12 Years .... 3 hours
CSP 418, Introduction to Counseling .................... 3 hours
FSID 302, Parent Education ................................ 3 hours
PSY 231, Abnormal Behavior and Society ............. 3 hours
PSY 455, Adolescent Psychology ...................... 3 hours
(Prereq: PSY 203GS or PSY 230GS)
The following professional sequence must be taken for the BA in Education or the BS in Education. Students must be formally admitted to all Teacher Education programs. See Admission information under BAE/BSE.

Total hours required in the professional sequence: 30

Requirements - Please note: This sequence is undergoing revision. Some courses will be replaced. Work closely with your advisor.

Take all of the following:

- TE 100, Teaching in a Democratic Society: 3 hours
- TE 204, Typical/Atypical Growth and Development: 4 hours
- TE 206, Instructional Technology: 3 hours
- and the Preservice Teacher: 2 hours

Take 1 course:

- TE 318, Management and Assessment: 2 hours
- TE 319, Management and Assessment: 2 hours
- TE 472, Management and Assessment: 2 hours

Take 1 course from:

- TE 306, Reading and Inclusion in K-12 Classrooms: 2 hours
- TE 411, Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms: 3 hours

Take all of the following:

- TE 320, Field Experience in Secondary Classroom: 0-2 hours
- TE 400, Student Teaching: 14 or 17 hours

Students pursuing double field endorsements complete 17 credit hours.

The following are courses developed within several departments to enhance the students’ liberal studies courses which will be useful in their major fields of study. These courses are part of designated Women’s Studies courses: 6 required hours and 18 elective hours to be taken in at least two different departments.

Courses with the prefix WSTD are offered by the Women’s and Gender Studies Program. See page 260.

For more information contact:

Linda Van Ingen, Director
Women’s and Gender Studies Program
University of Nebraska at Kearney, Kearney, NE 68849
(308) 865-8772

Women’s and Gender Studies

Linda Van Ingen, Director

Women’s and Gender Studies is an interdisciplinary program of research and study. The program uses gender as a tool of analysis to examine power relations, addressing such issues as race, sexuality, and class. Women’s and Gender Studies explores the diversity of women’s creative, social, economic, spiritual, and political realities. The program empowers students to re-examine their world and create change.

An introductory course sets the tone for investigation by surveying women’s roles, images, and contributions found in historical and contemporary society. Students can then choose specifically-designated women’s and gender studies courses which will be useful in their major fields of study. These courses developed within several departments enhance the students’ liberal arts education by addressing the theoretical and practical use of women’s and gender studies related to their particular subject areas.

Students in pre-law, pre-medicine, business, counseling, science, social science, the arts, education, and the humanities will benefit from this minor since it informs, challenges and directs men and women students toward a more equitable assessment of society.

The Women’s and Gender Studies minor program consists of 24 hours of designated Women’s Studies courses: 6 required hours and 18 elective hours to be taken in at least two different departments.

Courses with the prefix WSTD are offered by the Women’s and Gender Studies Program. See page 260.

For more information contact:

Linda Van Ingen, Director, Women’s and Gender Studies Program
University of Nebraska at Kearney, Kearney, NE 68849
(308) 865-8772

Women's and Gender Studies Minor

Minimum hours required for minor: 24 hours

A. Requirements (6 hours required)

Take all of the following:

- WSTD 220GS, Introduction to Women’s Studies: 3 hours
- WSTD 420, Senior Seminar Women’s Studies: 3 hours

B. Electives (18 hours required)

Take 18 hours in at least two departments:

- WSTD 499, Special Topics in Women’s Studies: 3 hours
- ART 422, Women in Art: 3 hours
- BIOL 215GS, Human Physiology: 4 hours
- CJUS 315, Victimization: Victims of Crime: 3 hours
- CJUS 360, Sex Crimes: 3 hours
- CJUS 380, Minorities and Criminal Justice: 3 hours

(Prereq: CJUS 101GS)

- CJUS 401, Special Topics: Women and Crime: 3 hours

(Prereq: CJUS 101GS or permission of instructor)

(See advisor for approved topic.)

- ENG 260, Images of Women in Literature: 3 hours
- ENG 360, American Women Writers: 3 hours

(Prereq: ENG 234GS or department permission)

- ENG 460, Topics: Women's Literature: 3 hours

(Prereq: ENG 234GS or department permission)

- ENG 490, Special Topics: Women and Revenge in Western Literature: 3 hours

(See advisor for approved topic.)

- FORL 357, Seminar on Women in a Foreign Literature: 3 hours
- FREN 357, Seminar on Women in French/ Francophone Literature: 3 hours

(Prereq: FREN 201GS)

- FSID 151GS, Human Sexual Behavior: 3 hours
- FSID 465, Advanced Study of Sexual Behaviors: 3 hours

(Prereq: FSID 151GS)

- GERM 357, Seminar on Women in German Literature: 3 hours

(Prereq: GERM 201GS)

- HIST 411, Saints and Sinners: 3 hours
- HIST 412, Society and Gender in the Middle Ages: 3 hours
- HIST 420, Women in Europe: 3 hours
- HIST 421, Women in America: 3 hours
- HIST 485, The United States Since 1941: 3 hours

(Prereq: HIST 411)

- JMC 425, Topics in Mass Media: 3 hours

Women, Minorities, and the Media: 3 hours

(See advisor for approved topic.)

- MUS 247, Women Composers and Their Music: 3 hours

A Historical Approach: 3 hours
- PSY 374, Psychology of Gender: 3 hours

(Prereq: PSY 201)
- SOC 201, Social Inequality: 3 hours

(Prereq: SOC 100GS or SOC 250GS or permission)
- SOC 369, Sociology of Gender: 3 hours

(Prereq: SOC 100GS or SOC 250GS or permission)
- SOC 430, Sociology of Family: 3 hours

(Prereq: SOC 100GS or SOC 250GS or permission)
- SOC 462, Sociology of Health and Illness: 3 hours

(Prereq: SOC 100GS or SOC 250GS or permission)
- SOWK 170GS, Introduction to Social Welfare: 3 hours
- SOWK 276, Social Welfare Policies & Services: 3 hours

(Prereq: SOWK 170GS)
- SOWK 342, Human Behavior in the Social Environment II: 3 hours

(Prereq: SOWK 170GS, SOWK 172)
- SPAN 357, Seminar on Women in Hispanic Literature: 3 hours

(Prereq: SPAN 204GS or equivalent)
**ART Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Prerequisites</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ART 100GS</td>
<td>Art Structure</td>
<td>3</td>
<td>none</td>
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</tr>
<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 120GS</td>
<td>Art Appreciation</td>
<td>3</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>ART 202</td>
<td>Drawing II</td>
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<td>ART 102</td>
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<tr>
<td>ART 214</td>
<td>Painting I</td>
<td>3</td>
<td>ART 102, ART 118</td>
<td></td>
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<tr>
<td>ART 216</td>
<td>Water Based Media</td>
<td>3</td>
<td>ART 102, ART 118</td>
<td></td>
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<tr>
<td>ART 218</td>
<td>Introduction to Graphic Design</td>
<td>3</td>
<td>ART 118</td>
<td></td>
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<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
<td>3</td>
<td>ART 321**</td>
<td></td>
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<tr>
<td>ART 226</td>
<td>Non Western Survey I</td>
<td>3</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>ART 301</td>
<td>Typography I</td>
<td>3</td>
<td>ART 218*, ART 305*</td>
<td></td>
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<tr>
<td>ART 305</td>
<td>Ceramics I</td>
<td>3</td>
<td>none</td>
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<tr>
<td>ART 308</td>
<td>Art in India, China and Japan</td>
<td>3</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 311</td>
<td>Cultural Studies Through Art</td>
<td>3-6</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 316</td>
<td>Sculpture I</td>
<td>3</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 321</td>
<td>Life Drawing</td>
<td>3</td>
<td>ART 202*</td>
<td></td>
</tr>
<tr>
<td>ART 252</td>
<td>Printmaking I</td>
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<td>ART 102</td>
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<tr>
<td>ART 275</td>
<td>Printmaking I</td>
<td>3</td>
<td>none</td>
<td></td>
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<tr>
<td>ART 280HGS</td>
<td>Special Topics</td>
<td>3</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

*This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

will be placed on art as a reflection of the religious and cultural developments of each country and time period.

**ART 228 - Creative Photography**

Prereq: ART 102, ART 118

Instruction in the photographic medium, its background and meaning today in the art world. Introduction to the history of photography with emphasis on the contemporary creative approach today. Methods of use of the camera, film processing and enlarging. Emphasis on the creative process. Students must furnish camera, film and paper. (Materials fee of $25.00)

**ART 230 - Ceramics I**

Prereq: none

This course is intended to introduce the student to the materials, processes and techniques of studio ceramics. Basic handbuilding and wheel throwing techniques are introduced as well as fundamental glazing and firing techniques. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals. (Materials fee of $60.00)

**ART 235 - Printmaking I**

Prereq: ART 102, ART 118

Fundamental printmaking problems dealing with the various creative printmaking processes, including relief printing, intaglio, lithography, monoprint, and drypoint. (Materials fee of $75.00)

**ART 244 - Glass I**

Prereq: none

This beginning course in creative glass making will focus on the off-hand glassblowing techniques of molten glass. From this basic process endless variations of vessels, paper-weights and sculptural concepts can be created. Elementary concepts of sandblasting, etching, casting and slumping will be introduced. (Materials fee of $100.00)

**ART 246 - Sculpture I**

Prereq: none

This course is an introduction to several basic sculpture media, processes and techniques. It will survey additive (clay manipulation), subtractive (carving), assemblage (construction) and substitution (casting) processes. Originality of concepts and craftsmanship of techniques are stressed. (Materials fee $100.00)

**ART 252 - Life Drawing**

Prereq: ART 202*

Development of understanding of form through drawing from models in various media. Three hours consecutively. (Materials fee of $55.00)

**ART 275 - Cultural Studies Through Art**

Prereq: none

The study of the visual arts and culture of a region or country through travel and research.

**ART 280HGS - Special Topics**

Prereq: ART 218*, ART 305*

A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

**ART 301 - Typography I**

Prereq: ART 218*, ART 311*

Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative and functional investigations. Take concurrently with ART 306*, ART 311*. (Lab fee $35.00)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 301M</td>
<td>Typography I</td>
<td>none</td>
<td>3 hours</td>
<td>Introduction to design communications by exploring various page layout strategies, researching conceptual approaches, historical values, and form/content relationships. Emphasis involves the study of grid structures, graphic elements and the computer as a process tool. (Lab fee of $35.00)</td>
</tr>
<tr>
<td>ART 303</td>
<td>History of Renaissance Art</td>
<td>ART 321*</td>
<td>3 hours</td>
<td>Study of works of art from the early and late Renaissance in Italy and Northern Europe.</td>
</tr>
<tr>
<td>ART 304</td>
<td>Computer Animation I</td>
<td>ART 305*</td>
<td>3 hours</td>
<td>Introduces the art of making inanimate objects appear to be alive through the technique of sequential drawings presented on film/video. Includes creating a unique character and preparing it for copyright, animating the character and constructing a storyboard using the character.</td>
</tr>
<tr>
<td>ART 305</td>
<td>Computers and Design</td>
<td>ART 218*</td>
<td>3 hours</td>
<td>An introduction and intermediate exploration of computer hardware operations and software procedures necessary for contemporary graphic design. Emphasis involves electronic word processing, page layout, illustration, image generation and hardware proficiency. Take concurrently with ART 301*, ART 311* and ART 318*.</td>
</tr>
<tr>
<td>ART 305M</td>
<td>Computers and Design</td>
<td>none</td>
<td>3 hours</td>
<td>For Multimedia students. An introduction and intermediate exploration of computer hardware operations and software procedures necessary for contemporary graphic design. Emphasis involves electronic word processing, page layout, illustration, image generation and hardware proficiency. Take concurrently with ART 301M and ART 318M*.</td>
</tr>
<tr>
<td>ART 310</td>
<td>Art of Baroque and Rococo Era</td>
<td>ART 321*</td>
<td>3 hours</td>
<td>The Art of the Baroque and Rococo in Europe in the 17th &amp; 18th Centuries. Major painting, sculpture and architecture will be studied. Aesthetic principles will be covered.</td>
</tr>
<tr>
<td>ART 311</td>
<td>Print Production</td>
<td>ART 218*</td>
<td>3 hours</td>
<td>An introduction to the technical study of the tools, materials and processes used in preparing 2D artwork and design for reproduction and commercial printing. Other emphasis involves 2D comprehensive skills and techniques for creating graphic translations. Take concurrently with ART 301, ART 305. (Lab fee of $35.00)</td>
</tr>
<tr>
<td>ART 314A</td>
<td>Painting II</td>
<td>ART 102, ART 118; ART 214* or ART 216*</td>
<td>3 hours</td>
<td>Students focus on clarifying rationales and procedures as they relate to the content of their work. (Materials fee of $20.00)</td>
</tr>
<tr>
<td>ART 314B</td>
<td>Painting IV</td>
<td>ART 314B*</td>
<td>3 hours</td>
<td>Continuation of ART 314A. Students focus on clarifying rationales and procedures as they relate to the content of their work. (Materials fee of $20.00)</td>
</tr>
<tr>
<td>ART 318</td>
<td>Graphic Design I</td>
<td>ART 301*, ART 305*, ART 311*</td>
<td>3 hours</td>
<td>An introduction to design communications by exploring various page layout strategies, researching conceptual approaches, historical values, and form/content relationships. Emphasis involves the study of grid structures, graphic elements and the computer as a process tool. (Lab fee of $35.00)</td>
</tr>
<tr>
<td>ART 319</td>
<td>Design Illustration I</td>
<td>ART 305*, ART 311*</td>
<td>3 hours</td>
<td>An introduction and study of technical illustration. Emphasis involves the research and exploration of different line drawing techniques in various mediums for design communications. (Lab fee $20.00)</td>
</tr>
<tr>
<td>ART 321</td>
<td>History Survey II</td>
<td>ART 221</td>
<td>3 hours</td>
<td>This course is a continuation of Survey I beginning with the Northern Renaissance to the present with an emphasis on art as a reflection of the social and cultural developments of man.</td>
</tr>
<tr>
<td>ART 325</td>
<td>History of Modern Art</td>
<td>ART 321*</td>
<td>3 hours</td>
<td>An examination of the major art movements in Europe and America from Post-Impressionism to the 1940’s.</td>
</tr>
<tr>
<td>ART 330A</td>
<td>Ceramics III</td>
<td>ART 230</td>
<td>3 hours</td>
<td>A continuation of ART 330A for the ceramic studio major or minor. Individual techniques for construction ceramic forms are explored as well as the continued study of ceramic materials and firing techniques. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals. (Materials fee of $60.00)</td>
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<tr>
<td>ART 330C</td>
<td>Ceramics IV</td>
<td>ART 330B*</td>
<td>3 hours</td>
<td>An intermediate level course for the ceramic studio major or minor. Individual techniques for construction ceramic forms are explored as well as the continued study of ceramic materials and firing techniques. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals. (Materials fee of $60.00)</td>
</tr>
<tr>
<td>ART 335A</td>
<td>Printmaking II</td>
<td>ART 235*</td>
<td>3 hours</td>
<td>Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Multimedia students should take the section designated ART 355M. (Materials fee of $75.00)</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Description</td>
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<tr>
<td>ART 335A*</td>
<td><em>This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.</em></td>
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<tr>
<td>ART 344B*</td>
<td>Continuation of ART 344A. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. (Materials fee of $100.00)</td>
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<tr>
<td>ART 344C*</td>
<td>Continuation of ART 344B. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. (Materials fee of $100.00)</td>
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<tr>
<td>ART 345A*</td>
<td>Continuation of ART 345B. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. (Materials fee of $55.00)</td>
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<tr>
<td>ART 345B*</td>
<td>Continuation of ART 345A. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. (Materials fee of $55.00)</td>
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<tr>
<td>ART 351 - Typography II</td>
<td>An intermediate exploration in the use of typographic design as an expressive and functional communicative design vehicle. Emphasis on defining effective design criteria to meet the readers’ needs, the communicator’s intent and the designer’s formal sensibilities. (Lab fee $35.00)</td>
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<tr>
<td>ART 352A - Drawing III</td>
<td>An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development. (Materials fee $15.00)</td>
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<tr>
<td>ART 352B - Drawing IV</td>
<td>Continuation of ART 352A. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development. (Materials fee $15.00)</td>
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<tr>
<td>ART 352C - Drawing V</td>
<td>Continuation of ART 352B. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development. (Materials fee $15.00)</td>
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<tr>
<td>ART 355M - Electronic Imaging</td>
<td>An intermediate and advanced exploration into the use of computer technology as a visual problem-solving tool for expressive imagery and functional communications. Emphasis involves the study of image generation and manipulation in relationship to the growing electronic technology and software.</td>
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<tr>
<td>ART 360 - Elementary Art Methods</td>
<td>This course is concerned with the theory and philosophy for elementary art methods of teaching children through art. A field experience of observation and teaching is required. (Materials fee of $5.00)</td>
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<tr>
<td>ART 362 - Art Methods for Elementary Art Educators</td>
<td>This course, which is designed for art education majors only, provides the framework for developing an understanding of child development, pedagogical methods, and the philosophy of elementary art education. The course is taken concurrently with the elementary field experience. Use of a variety of art materials will provide practical experience in teaching, understanding and evaluating children’s artwork.</td>
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<tr>
<td>ART 365 - Field Experience in PK-6 Art Classrooms</td>
<td>This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing K-6 teacher, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.</td>
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<tr>
<td>ART 368 - Graphic Design II</td>
<td>An intermediate exploration of identity systems and informational design. Emphasis involves the study, research and exploration of various design processes with computer added graphics that relate to multicomponent graphic design problems and complex information. (Lab fee $20.00)</td>
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ART 369 - Design Illustration II .................................................. 3 hours
Prereq: ART 319*
An advanced course in developing illustration appropriate for business communication or editorial displays. Emphasis involves creating illustrations that would appear in books, magazines or newspapers. Students will practice illustration skills with the concerns for content that involve ethical and social implications. (Lab fee $20.00)

ART 370 - Art Methods ............................................................. 3 hours
Prereq: admission to Teacher Education
Theory and philosophy for secondary school art. Supervision and curricula.

ART 371 - Field Experience in 7-12 Art Classrooms ...................... 1 hour
Coreq: ART 370
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles a professional educator. Under the mentorship of a practicing 7-12 educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators.

ART 399 - Art Apprenticeship Program ........................................ 1-4 hours
Prereq: none
Students interested in working with a department faculty member in a variety of departmental activities should contact faculty members who would agree to supervise the learning experiences for the semester. A formal work plan must be in writing and approved by the faculty advisor.

ART 403 - Individual Problems in Art .......................................... 1-9 hours
Prereq: approval by department
Independent study for majors and minors in Art. Intensive study in a selected art field. Students should not take more than 3 hours of ART 403 in any one semester. (Materials fee of $8.00 for students working in Glass or Sculpture; materials fee of $60.00 for students working in Ceramics)

ART 405 - History of 19th Century Art ........................................... 3 hours
Prereq: ART 321*
A study of the development of 19th century art in Europe: Neo-Classicism, Romanticism, Realism, and Impressionism and Post-Impressionism.

ART 409 - History of Nebraska Art ................................................ 1-3 hours
Prereq: none
A survey of art and artists in 19th and 20th century Nebraska and how their art relates to the history of art in western civilization. Unique characteristics of regional art forms are examined and discussed.

ART 413 - Design Practicum ...................................................... 3 hours
Prereq: ART 318*, ART 319*, ART 351*, portfolio presentation required
A professional studio atmosphere that gives students practical experience with design projects from clients within the university and community. Emphasis will be placed on procedures in consulting with clients, designing, illustration, photography, production, pre-press and printing supervision of projects. Course may be repeated for credit. (Materials fee of $20.00)

ART 414A - Advanced Painting V ............................................... 3 hours
Prereq: ART 314C*
Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings. (Materials fee of $15.00)

ART 414B - Advanced Painting VI ............................................... 3 hours
Prereq: ART 414A*
Continuation of ART 414A. Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings. (Materials fee of $15.00)

ART 414C - Advanced Painting VII ............................................. 3 hours
Prereq: ART 414B*
Continuation of ART 414B. Students concentrate on personalizing content,
ART 452A - Drawing VII .................................................. 3 hours  
Prereq: ART 452A*  
Continuation of ART 452A. Advanced work with the elements of composition in a variety of drawing media. (Materials fee of $15.00)

ART 452B - Drawing VIII .................................................. 3 hours  
Prereq: ART 452B*  
Continuation of ART 452B. Advanced work with the elements of composition in a variety of drawing media. (Materials fee of $15.00)

ART 454 - Computer Animation II ........................................ 3 hours  
Prereq: ART 305* or ART 305M  
An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound.

ART 454M - Computer Animation II/Multimedia .......................... 3 hours  
Prereq: none  
For Multimedia students. An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound.

ART 456 - Package Design .................................................. 3-6 hours  
Prereq: ART 418*  
An advanced studio investigation of three-dimensional formats. Students' exploration of three-dimensional formats will include: developing imagery and typography, understanding the visual communication of content with audience. Emphasis involves theoretical study and practice of visual communication relating to the areas of packaging, exhibition and environmental design. (Materials fee of $35.00)

ART 474 - Special Topics in Art ............................................ 3-6 hours  
Prereq: none  
Designed to meet special needs for students in Art Education, Art History, and Studio Art. Must have special permission of department chair to enroll.

ART 475 - Cultural Studies Through Art ................................ 3-6 hours  
Prereq: ART 321*  
The study of the visual arts and culture of a region or country through travel and research.

ART 497 - Senior Project: BA ............................................... 3 hours  
Prereq: department permission  
This course is a program requirement for all BA Studio degree majors. The final studio senior project may result in an exhibition depending on department permission. There is a strong emphasis on originality, creativity, execution of the senior project and artwork is a must upon completing this course.

ART 498 - Senior Project: Art Education ................................. 1 hour  
Prereq: none  
This advanced level course includes an exhibition which allows art education students to demonstrate proficiency in a number of studio media for future teaching of PK-12. Students will also write a paper on their philosophy of art education and how their work informs their teaching. (Materials fee of $50.00)

ART 499 - Senior Project: BFA ............................................. 3 hours  
Prereq: department permission  
This course is a program requirement for all BFA Studio and Visual Communications and Design degree majors. The final studio senior project will result in an exhibition and an oral review by the department art faculty. The final VCD senior project will also conclude with an exhibition and an oral review by the design faculty and at least one design professional. There is a strong emphasis on originality, creativity, execution of the senior project and portfolio artwork is a must upon completing this course. (Materials fee of $60.00 for each section.)
BACC Courses

BACC 250 - Principles of Accounting I ......................... 3 hours
Prereq: MATH 102* or equivalent; sophomore standing.
The basic accounting cycle, current assets, current liabilities, and plant assets. Focuses on financial reporting for service businesses or merchandising businesses which have one owner. F, SP, SU.

BACC 251 - Principles of Accounting II ......................... 3 hours
Prereq: BACC 250*
Continuation of the basic accounting cycle with particular attention given to development of special procedures for control, partnerships, and analysis of financial information used within the organization by manufacturing and service businesses. F, SP, SU.

BACC 311 - Business Law ........................................... 3 hours
Prereq: none
A study of the legal environment of business. Topics include legal theory, and resources, ethics, the court system, torts, contracts, government regulation, property law, and international law considerations. F, SP, SU.

BACC 312 - Commercial Law ....................................... 3 hours
Prereq: BACC 311
A study of the Uniform Commercial Code (including sales, commercial paper, secured transactions), credit/debtor relationships, agency law, and business entities. F, SP.

BACC 350 - Intermediate Accounting I .......................... 3 hours
Prereq: BACC 251*
An in-depth study of the theory, concepts, and practice of financial accounting. Focus is on reporting useful information to third parties through basic corporate financial statements. F, SP.

BACC 351 - Intermediate Accounting II ....................... 3 hours
Prereq: BACC 350*
A continuation of Intermediate Accounting I with emphasis on the more complex problems of financial reporting. F, SP.

BACC 352 - Cost Accounting ...................................... 3 hours
Prereq: BACC 251*, BMGT 233*
Accounting for manufacturing concerns with special emphasis on managerial decisions, as well as on unit and process costs. SP.

BACC 391 - Accounting Information Systems ............... 3 hours
Prereq: BACC 251*, passing score on Business Computer Proficiency Examination
The role of accounting information systems within an organization’s management information system, information system documentation, transaction cycle reporting; principles of internal control; the use of proprietary general ledger software. F.

BACC 412 - Employment Law .................................... 3 hours
Prereq: junior standing
A study of the legal issues faced by entrepreneurs and new ventures including choosing a business entity, franchising, contracts and sales

BACC 413 - Entrepreneurial Law ................................. 3 hours
Prereq: junior standing
A study of the legal issues faced by entrepreneurs and new ventures including choosing a business entity, franchising, contracts and sales

BACC 414 - Principles of Management .......................... 3 hours
Prereq: junior standing
A study of the major federal laws and judicial decisions affecting personnel practices in private and public sectors. General topics covered include equal employment opportunity, affirmative action, employee and management rights, and legal issues in employment compensation and benefits. Emphasis is placed on Title VII and employment discrimination based on race, color, sex, religion, and national origin. Age and disability discrimination are also covered. Specific topics include employee recruiting, selection, performance appraisal and promotion, wrongful discharge, employee privacy, employment-at-will and current topics. SP.

BACC 441 - Financial Management ............................. 3 hours
Prereq: BACC 351*
The practical application of auditing standards and procedures in examining financial statements and verifying underlying data. A practice set is required. SP.

BACC 451 - Tax Accounting ........................................ 3 hours
Prereq: BACC 251*
A study of federal income tax concepts and principles, with emphasis on individual and business organization income tax laws, regulations and filing procedures. F.

BACC 452 - Advanced Tax Accounting ......................... 3 hours
Prereq: BACC 451*
A continuation of the study of federal income tax concepts and principles, with emphasis on the taxation of partnerships, corporations, and advanced topics in individual income taxation. SP.

BACC 453 - Governmental/Non-Profit Accounting ........... 3 hours
Prereq: BACC 350*, BACC 351*
Accounting and financial reporting for local and state governments, colleges and universities, health care organizations, voluntary health and welfare organizations, and certain other non-profit organizations. SU.

BACC 470 - Auditing ............................................. 3 hours
Prereq: BACC 350*
Duties and responsibilities of auditors, methods of conducting audits, preparation of audit reports, and special auditing problems. Emphasis on the application of accounting concepts and principles learned. Prior completion of BACC 351 is recommended. F.

BACC 471 - Advanced Auditing .................................. 3 hours
Prereq: BACC 470*
The practical application of auditing standards and procedures in examining financial statements and verifying underlying data. A practice set is required. SP.

BACC 475 - Accounting Internship ............................. 1-15 hours
Prereq: none
A work experience program planned for students preparing for employment in business and industry. The learning experience is organized and supervised by the academic department and personnel of selected industries. Must be approved by the Department. F, SP, SU.

BACC 499 - Special Problems in Business ..................... 1-3 hours
Prereq: permission of instructor
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed to integrate the knowledge acquired in other courses in business administration, and to emphasize analysis and decision-making. Must be approved by Department Chair. F, SP, SU.

BFIN Courses

BFIN 308 - Principles of Finance ................................ 3 hours
Prereq: BACC 251*, ECON 271GS
Concepts of firm valuation and capital budgeting, capital structure and cost of capital, and analysis of financial statements. F, SP, SU.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BIOL Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>BIOL 101GS - X-treme Biology</td>
<td>3 hours</td>
<td>none</td>
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<tr>
<td>BIOL 103GS - General Biology</td>
<td>4 hours</td>
<td>none</td>
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<tr>
<td>BIOL 105GS - Biology I</td>
<td>4 hours</td>
<td>three years of high school science including biology and chemistry and a minimum score of 20 on the ACT OR equivalent OR a college science course OR departmental permission</td>
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<tr>
<td>BIOL 109GS - Classroom Biology</td>
<td>3 hours</td>
<td>none</td>
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<tr>
<td>BIOL 110 - Introduction to Epidemiology</td>
<td>2 hours</td>
<td>none</td>
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<tr>
<td>BIOL 201 - Fundamental Tools for Biological Studies</td>
<td>1 hour</td>
<td>none</td>
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<tr>
<td>BIOL 211GS - Human Microbiology</td>
<td>4 hours</td>
<td>none</td>
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\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

The course is not a preliminary for BIOL 400 Microbiology (only one microbiology course may count towards the Biology major or minor). Basic microbiology and immunology with emphasis on health-related topics. Two hour laboratory each week. Fee required. Offered Fall and Spring.
BIOL 215GS - Human Physiology .................................4 hours
Prereq: three years of high school science including biology and chemistry and a minimum score of 20 on the ACT OR equivalent OR a college science course OR departmental permission
The systems of the human body and how they function. Two hours of laboratory each week. Fee required. Offered Fall and Spring.

BIOL 225 - Anatomy and Physiology ..............................4 hours
Prereq: CHEM 145GS or CHEM 150GS or CHEM 160GS*; three years of high school science including biology and a minimum score of 20 on the ACT OR equivalent OR a college science course OR departmental permission
A study of the anatomy and physiology of the systems of the human body and how they function including cellular mechanisms and tissues, the skin, the skeletal system, the muscular system and the nervous system. Two hours of laboratory each week. This course is primarily intended for students planning to pursue training in one of the Health Programs. Biology majors would normally complete BIOL 215GS* Physiology (4 hours) but may complete BOTH BIOL 225* and BIOL 226* (8 hours) to meet the physiology requirement. Fee required. Offered Fall only.

BIOL 226 - Anatomy and Physiology ..............................4 hours
Prereq: BIOL 225* or permission of instructor
A continuation of the study of the systems of the human body including the circulatory system and its components, the lymphatic system, the respiratory system, the digestive system, the urinary system, the endocrine glands and the reproductive system. Two hours of laboratory each week. Biology majors would normally complete BIOL 215GS* Physiology (4 hours) but may complete BOTH BIOL 225* and BIOL 226* (8 hours) to meet the physiology requirement. Fee required. Offered Spring only.

BIOL 280HGS - Special Topics .......................................3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

BIOL 290 - Evolution ....................................................3 hours
Prereq: 8 hours of college biology
A study of the proposed mechanisms of Organic Evolution and how it serves as the unifying theme of Biology. Molecular, morphological and paleontological data will be emphasized. Offered each semester.

BIOL 301 - Introduction to Soils ......................................4 hours
Prereq: one course in general chemistry or permission of instructor
Introduction to soil development, morphology, distribution, chemistry, physics, classification, use, conservation, biology and pollution. Three hours of laboratory each week. Fee required. Offered Fall only.

BIOL 305 - BioStatistics ..............................................3 hours
Prereq: MATH 102*
Course introduces descriptive and basic inferential statistics for application in analysis, evaluation, and design of biological experiments. Students learn fundamentals of statistical software. Course offered fall and spring semesters.

BIOL 307 - Ecology ....................................................3 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
Population and community ecology; distribution and dispersal, population growth and regulation. Interpretation of ecological phenomena in laboratory, field and hypothetical systems. A laboratory or field exercise each week. Fee required. Offered Fall and Spring.

BIOL 309 - Cellular Biology .........................................4 hours
Prereq: 8 hours of college biology; CHEM 161GS*; CHEM 250* or CHEM 361* OR permission
Various types of cells, their structure, function and what they contribute to the functioning of the whole organism. Three hours of laboratory each week. Fee required. Offered Fall and Spring.

BIOL 311 - Bioethics ....................................................3 hours
Prereq: junior or senior standing or 24 hours of college biology/chemistry
This course will explore the process of ethical decision making with regard to recent advances in science and medicine. Environmental ethics and issues will also be included.

BIOL 325 - Medical Terminology ..................................1 hour
Prereq: none
This course is designed to assist students in health-related and life science programs to become familiar with complex terms and their derivation. Offered Fall and Spring.

BIOL 330 - Wildlife Conservation ................................3 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
Problems of wildlife conservation, particularly as they apply to Nebraska. Three hours of laboratory each week. Offered Fall, odd-number years. BIOL 201 and BIOL 307* are highly recommended.

BIOL 360 - Genetics ....................................................4 hours
Prereq: BIOL 309*
Application based course covering the classical and molecular principles of inheritance. Concepts covered include various historical and mathematical concepts surrounding transmission, molecular, and population genetics. Three hours of lecture with a weekly three hour laboratory. Offered Fall and Spring.

BIOL 375 - Scientific Communication ..........................1 hour
Prereq: BIOL 201
Provides the student with the opportunity to learn and become proficient in those manipulative skills and techniques which are essential and supportive to their role in a biological profession. Should be taken prior to enrolling in BIOL 420. Offered Fall and Spring.

BIOL 380 - Agronomy ..................................................3 hours
Prereq: BIOL 103GS or BIOL 106GS or permission of instructor
A study of crop production covering such topics as environmental requirements, soil, cultural practices, growth and development, water relations and economics. Offered Spring only.

BIOL 400 - Microbiology .............................................4 hours
Prereq: at least 8 hours of biology or departmental permission
This course is not a continuation of BIOL 211GS Human Microbiology (only one microbiology course, BIOL 211GS or BIOL 400, may count toward the Biology Major or minor). An introduction to bacteria, viruses, rickettsias, and immunology; laboratory techniques stressed. One 3 hour laboratory each week. Prior completion or concurrent enrollment in BIOL 309* is also recommended. Fee required. Offered Spring only.

BIOL 401 - Principles of Immunology ............................4 hours
Prereq: BIOL 211GS or BIOL 400; BIOL 309* or CHEM 351* OR permission of instructor
Topics to be covered include: 1) the structural and functional aspects of the immune system, 2) disorders of the immune system, 3) structure and function of antibody molecules, 4) immunobiology of tissue transplants, 5) basic aspects of cancer and cancer therapy that relate to immunology, 6) allergies, and 7) antigen-antibody interaction. Laboratory required. Fee required. Offered Spring only. BIOL 360* strongly recommended.

BIOL 403 - Plant Physiology .........................................3 hours
Prereq: BIOL 105GS, one year of chemistry OR permission of instructor
Life processes of plants. Three hours of laboratory each week. Fee required. Offered Spring, odd-numbered years.

BIOL 404 - Developmental Biology .............................3 hours
Prereq: 8 hours of college biology or permission of instructor
Principles of developmental processes with emphasis on the physiological
BIOL 405 - Range and Wildlife Management..........................3 hours
Prereq: BIOL 307* or BIOL 418*
Basic principles of range and pasture management for use by domestic livestock and wildlife will be taught. Course includes 3 hours of field or laboratory work each week. Offered Spring, even-numbered years.

BIOL 406 - Plant Ecology..............................................3 hours
Prereq: BIOL 105GS, BIOL 106GS, BIOL 307*
OR permission of instructor
Plants in relation to their environment. Three hours of laboratory or field work each week. Offered Fall of even-numbered years.

BIOL 409 - Biological Studies using GIS..............................3 hours
Prereq: BIOL 307*
This course is an introduction to many aspects of using Geographic Information Systems as a natural resources tool. The class introduces cartographic concepts, tools such as Global Positioning System tools, and natural resource databases at the state and federal levels. In addition to lectures and labs where the software and tools are used, students also have the opportunity to complete projects using GIS and data of their own choosing. The main objective of the class is to give students enough familiarity with GIS software, data resources, and project design to be able to effectively produce their own projects. Offered Fall, every other semester.

BIOL 410 - Fire Ecology and Management in Grasslands.......1 hour
Prereq: none
Familiarizes students with the role of fire as a major ecosystem process in grasslands and its use as a management tool. Provides the opportunity for certification for prescribed burning and wildland firefighting at federal, state, or private agency levels.

BIOL 416 - Plant Diversity and Evolution.........................4 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
Morphology of each group of the plant kingdom. Three hours of laboratory each week. Offered Spring, even-numbered years.

BIOL 418 - Plant Taxonomy...........................................3 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
Classification and identification of vascular plants with emphasis on the prairies and plains. A family concept approach is utilized. Three hours of laboratory or field work each week. Fall only.

BIOL 420 - Biology Research.......................................1-5 hours
Prereq: permission of instructor must be obtained for enrollment, at least 16 hours of biology including BIOL 375* and specific biology courses necessary for the problem undertaken
Independent investigation of a biological problem, including a scientific write-up of the investigation and the results. Three hours of laboratory or field work each week for each hour of credit. Two hours credit required for a major or endorsement. Fee required. Offered Fall and Spring.

BIOL 430 - Special Topics in Biology..............................1-6 hours
Prereq: permission of instructor
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of students.
- Topics in Botany
- Topics in Fresh Water Biology
- Topics in Vertebrate Biology
- Topics in Invertebrate Biology
- Topics in Nebraska Flora
- Topics in Nebraska Fauna

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

BIOL 433 - Invertebrate Zoology.................................3 hours
Prereq: BIOL 105GS, BIOL 106GS
This course provides an introduction to the biology of specific phyla, classes, and orders of invertebrates with emphasis on classification, morphology, structure and function of their internal anatomy, ecology and evolution, and fundamental concepts characteristic of this diverse animal group. Laboratory stresses anatomy, natural history and ecology of invertebrates. Offered in Fall of odd-numbered years.

BIOL 435 - Herpetology................................................3 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
The study of amphibians and reptiles, including evolution, systematics, morphology, physiology, reproduction, behavior, ecology, natural history and conservation. Three hours of laboratory or field work each week focusing on field techniques for censusing herpetofaunal diversity and identification of Nebraska species. Offered fall of odd-numbered years.

BIOL 440 - Infectious Diseases...................................4 hours
Prereq: BIOL 211GS or BIOL 400 or permission
This course focuses on the medical aspects of microbiology. The course will cover viruses, bacteria, fungi, and parasitic protists. We will study the mechanisms of infection, disease progression, and immune response. Three hours of laboratory will be required each week. Offered Fall, odd-numbered years.

BIOL 450 - Molecular Biology........................................3 hours
Prereq: BIOL 309*, BIOL 360* OR permission of instructor
The course is an in-depth discussion of the principles of modern molecular biology. Major topics to be covered are: (1) Organization and evolution of eukaryotic genomes and genes, (2) mRNA, protein synthesis and the genetic code, (3) transcription and its regulation in prokaryotic systems, (4) DNA replication, recombination and repair. 3 hours of lecture per week. Offered Spring only.

BIOL 452 - Techniques in Molecular Biology..................3 hours
Prereq: BIOL 309* or CHEM 351*
The course is designed to familiarize the student with modern molecular biology techniques. Students will be exposed to a number of techniques including RNA isolation, polymerase chain reaction, cloning DNA, sequencing DNA, computer analysis of sequence data, expression of cloned genes in bacteria and protein analysis and purification procedures. One lecture and two three hour laboratories per week. Fall semesters only.

BIOL 456 - Regional Field Study.................................1-4 hours
Prereq: permission of instructor
This course is designed to introduce students to detailed biological studies of specific regions. Regions studied may vary depending upon instructor availability and student needs. Topics may include but are not limited to: Tropical and Marine Island Biology
Natural History of Nebraska
Natural History of the Southwest

BIOL 461 - Human Genetics........................................3 hours
Prereq: 8 hours of college biology or permission of the instructor
The course focuses on contemporary human genetics with emphasis on genetic diseases. A study of the genetic basis and frequency of genetic defects in man and genetic counseling. Offered Spring of even-numbered years.

BIOL 462 - Animal Behavior........................................3 hours
Prereq: BIOL 105GS, BIOL 201, BIOL 307* OR permission of instructor
An introduction to the science of ethology. A survey of the mechanism, functions and development of behavior. Offered Spring, odd-numbered years.

Topics in Physiology
Topics in Geographic Information Systems
Biol 465 - Physiology .................................................................3 hours
Prereq: BIOL 105GS or BIOL 106GS; BIOL 309*; CHEM 161GS*;
organic chemistry OR permission of instructor.
The structure and function of the systems of the vertebrate body. Three
hours of laboratory each week. Offered Spring only.

Biol 468 - Parasitology .................................................................3 hours
Prereq: BIOL 105GS, BIOL 106GS
The basic concepts of parasitology with emphasis on the major types of
medically and economically important parasites (protozoa, helminthes,
arthropods) will be covered, including life cycles, diagnosis, treatment,
immunity, pathology, control, ecology, and evolution. Laboratory
stresses identification of the various developmental stages of these
parasites. Offered every Spring.

Biol 470 - Insect Biology .................................................................3 hours
Prereq: none
An introduction to insects and related arthropods. Emphasis is placed
on morphology, physiology, taxonomy and ecology of insects. Three
hours of laboratory or field work each week. Offered Fall, even-
numbered years.

Biol 471 - Methods in Secondary Science Teaching ..............3 hours
Prereq: BIOL 105GS, BIOL 106GS, BIOL 290,
admission to Teacher Education
An examination of current developments in curricula, methods and
materials. Should be completed prior to student teaching. Laboratory
time arranged. Offered Fall only.

Biol 472 - Fresh Water Biology ..................................................4 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
Characteristics of inland waters, the forces and processes which mold
and maintain the integrity of these waters, and the interrelationships
between the physical forces and the organism inhabiting the environment with a
focus on classification, anatomy, distribution, ecology, physiology and
management of fishes. Three hours of laboratory or field work each
week. Offered Fall, even-numbered years.

Biol 473 - Ornithology .................................................................3 hours
Prereq: BIOL 105GS, BIOL 106GS OR permission of instructor
The study of birds, including evolution, systematics, morphology,
physiology, reproduction, behavior, ecology, natural history and
conservation. Three hours of laboratory or field work each week with
emphasis on field methods and identification of Nebraska species.
Offered Spring, even-numbered years.

Biol 474 - Mammalogy .................................................................3 hours
Prereq: BIOL 105GS or permission of instructor
Introduction to mammals; ecology, classification, physiology, and behavior.
Three-hour laboratory per week for preparation and identification of
specimens. Offered Fall, even-numbered years.

Biol 475 - Internship in Biology ..............................................1-15 hours
Prereq: at least 12 hours of biology; junior or senior standing,
permission of instructor
Students should have completed coursework related to the internship
experience. This course involves practical experience and
emphasizes the professional development of the individual student.
Offered each semester.

Biol 480 - Seminar .................................................................1 hour
Prereq: BIOL 360* or permission of instructor
A group study of the mechanisms of Organic Evolution and how it serves
as the unifying theme of biology. Each student will prepare and present
a minimum of one seminar on an assigned topic.

Biol 482 - Seminar in Molecular Biology ...............................1 hour
Prereq: BIOL 360* or permission of instructor
An in-depth discussion of current topics in molecular biology. Guest speakers,
faculty and students will give presentations weekly. Some presentations
will consist of the students reading an assigned paper followed by an oral
presentation of its contents. Student participants are expected to read all
journal articles presented, whether they are presenting or not. Molecular
biology majors must obtain 2 hours credit to fulfill the requirements for
the Molecular Biology Comprehensive major.

Biol 485 - Molecular Genetics ...............................................3 hours
Prereq: BIOL 360* or BIOL 461
An in-depth study of gene structure and replication in prokaryotes and
eukaryotes. Gene function in developing and differentiated cells will
also be studied in detail. Offered Spring, odd-numbered years.

BMGT Courses

<table>
<thead>
<tr>
<th>BMGT Courses</th>
<th>191</th>
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<tbody>
<tr>
<td>BMGT 230 - Managing Diversity in Organizations</td>
<td>3 hours</td>
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<td>Prereq: none</td>
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| This course covers the personal and managerial implications of cultural
diversity within work groups. Underlying this course is the philosophy
that the ability to work and manage effectively in a diverse workplace
begins with developing a deeper understanding of other cultures. Sp. |

| BMGT 314 - Intermediate Statistics | 3 hours |
| Prereq: BMGT 233* or equivalent |
| A continuation of the study of the application of statistical techniques to business
situations that involves advanced topics such as multiple correlation and
regression. A statistical computer package will be used. S. |

| BMGT 355 - Organizational Behavior | 3 hours |
| Prereq: junior standing |
| This course is designed to develop an understanding of and appreciation
for the complex interrelationships of people in formal organizations.
The course focuses on both individual and group behavior, with
emphasizes on motivation, leadership, conflict, and other aspects of
organizational dynamics. Some sections use basic statistics and
computer applications. F, Sp. |

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BMGT 380 - Human Resource Management.................3 hours
Prereq: none
This course introduces the student to the theory and practice of human resource management. Topics include recruitment, selection, and placement; training, development and performance management; compensation; equal opportunity and the legal environment; and strategic implication of HRM and its relationship with other organizational functional areas. F, Sp.

BMGT 400 - Entrepreneurship....................................3 hours
Prereq: none
This course explores the phenomena of entrepreneurship, including the myths, realities, and impact of entrepreneurial activity. Students assess their own entrepreneurial aptitude and interests, meet a variety of entrepreneurs, and investigate the processes of generating promising ideas, evaluating the viability of those ideas, finding capital, considering franchise opportunities, and developing a new venture management team. The class is project oriented with each student participating in the development of a feasibility plan for a new venture.

BMGT 401 - Small Business Management......................3 hours
Prereq: BMKT 300
This course focuses on the operation of small business and the small business environment. This course deals with the topics related to personnel, government regulations of small business, advertising, sales promotion, accounting, forecasting, family ownership and other management related problems. F, Sp. Three contact hours per week. Lectures, discussion, writing, and applications.

BMGT 409 - Leadership: Skills, Applications, Research......3 hours
Prereq: none
This course is designed to give students preparing for careers in business, government, and the nonprofit sector a working knowledge of leadership styles, principles, models, and practical applications. Students will learn to engage critically in analytical and intellectual examination and reflection of certain core issues in the practice of leadership. Topics covered include history of leadership, leadership traits and behaviors, motivation and communication patterns, teamwork, use of power, development of trust, effective group facilitation, negotiation and persuasion, effective change, and ethics. Sp. Three contact hours per week. Lectures, discussion, writing, and applications.

BMGT 410 - Compensation Management..........................3 hours
Prereq: none
A study of the basic forms of financial compensation, including benefits packages. Principles of internal, external, and individual equity as determined by job evaluation, salary surveys, and performance evaluation comprise the core of this course. Prior completion of BMGT 380 is recommended. F.

BMGT 411 - Labor Relations......................................3 hours
Prereq: none
A study of labor-management relations as defined by negotiated labor contracts. Topics include history of the labor movement, union structure and function, the negotiation process, and issues in labor relations. Prior completion of BMGT 380 is recommended. Sp.

BMGT 415 - Quality Management Concepts & Practice........3 hours
Prereq: BMGT 314
Overview of the concepts and techniques of quality management. Statistical tools; people element of quality management; philosophies and practices of quality experts discussed. Students will be expected to be computer literate. Sp.

BMGT 425 - Operations Research.................................3 hours
Prereq: BMGT 233* or equivalent
Recent developments relating to business application of linear programming, simplex method, transportation method, post optimality analysis, game theory, utility theory, PERT-CPM, and queuing theory. Students will be expected to be computer literate. F.

BMGT 474 - International Experiential Learning:
Management..........................................................3 hours
Prereq: BMGT 330 or BMKT 430* or ECON 430*;
junior or senior standing; permission of department chair
Independent investigations of international management issues through first-hand experiences. Topics to be investigated may be tailored to meet the needs of the student. F, Sp, Su.

BMGT 475 - Management Internship............................1-15 hours
Prereq: none
A work experience program planned for students preparing for employment in business, industry, government, or nonprofit organization. The learning situation is supervised by personnel within the selected entity. F, Sp, Su.

BMGT 485 - Seminar in Human Resource Management......3 hours
Prereq: BMGT 380
Provides the student with an opportunity to study and research current issues in human resource management; course stresses an informal setting and open communications approach. Sp.

BMGT 489 - Business Consultanship.............................3 hours
Prereq: senior standing and permission of the department chair
This course affords the student an opportunity to serve in a consultant capacity for an area business. In-depth business analysis is conducted by the student, and specific recommendations are reported to the management of the firm. F, Sp.

BMGT 490 - Seminar in Organizational Behavior:
Issues and Ethics....................................................3 hours
Prereq: junior standing
A study of the societal challenge of business and organizations; how business and society interface; micro and macro publics of business and organization, environment, consumerism, employee rights, equality/diversity, international business and future corporate ethos. This course covers legal, ethical and social responsibility issues of business and organizations. F, Sp.

BMGT 495 - Administrative Strategy and Policy...................3 hours
Prereq: senior standing
As the capstone course in business, the course is designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. F, Sp.

BMGT 498 - Management Topics..................................3 hours
Prereq: none
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor. On demand.

BMGT 499 - Special Problems in Business.......................1-3 hours
Prereq: permission of department chair
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. F, Sp.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BMIS 182GS - Software Productivity Tools ........................................3 hours
Prereq: none
This lab course addresses competency and applications of computer skills. Software covered includes: operating systems and environments, word processing, spreadsheets, databases, Web pages. F, Sp.

BMIS 282 - Business Intelligence Using Databases ...............................3 hours
Prereq: passing score on Business Computer Proficiency Examination or BMIS 182GS
This course provides an overview of leading technologies that are employed to deliver business intelligence to an enterprise. The importance of proper data structures and the conversion of data into information and the transformation of information into knowledge to improve business performance is stressed. Provides an introduction into how data is created, stored, and used for management decision-making.

BMIS 302 - Principles of Management Information Systems ..................3 hours
Prereq: passing score on Business Computer Proficiency Examination or BMIS 182GS
The course provides an introduction and overview to the field of management of information systems (MIS). This course is designed to familiarize students with the critical roles of information and information systems in support of organizational operations, decision-making processes, quality management, and strategic activities. It also covers management of information systems functions and professionals, as well as relevant global, ethical, societal and legal/regulatory issues. Focus is placed on the impact of rapidly changing technologies, such as the Internet, on organizations leading to new paradigms, like e-commerce and business-to-business applications, and the subsequent reengineering of organizations. F, Sp.

BMIS 350 - Intermediate Business Intelligence through Data Mining ........................................3 hours
Prereq: BMIS 302* or CSIS 350* or equivalents; junior standing
Study of how business intelligence is extracted through data mining and used to support business functional activities. This course is designed to familiarize students with the critical role of data warehousing and data mining to organizational decision-making process.

BMIS 380 - Web Software/Network Architecture ................................3 hours
Prereq: BMIS 282*, BMIS 302*
This course presents a functional, systems-level review of network computing equipment and the organization of components and devices into architectural configurations. The result should be an in-depth student understanding of how computer systems are configured in network environments. Students learn the principles of system/ Web-based software and build an understanding of combinations of data, network, and system/web-based software within architectural design. Sp.

BMIS 381 - Systems Analysis and Design I ........................................3 hours
Prereq: BMIS 380*
System development using the life cycle, rapid application development, prototyping, and software testing. This course is coupled with BMIS 481. F.

BMIS 399 - Business Apprenticeship Program ................................. 1-3 hours
Prereq: none
The Business Apprenticeship Program is designed to provide students with a variety of experiences which will facilitate competency in their chosen field of study. Students who plan to teach will assist faculty members in preparing bibliographies, in research, in translations, in aiding classroom discussions, in preparing special lectures and programs, in grading and preparing examinations. Must be approved by Department Chair. This course may be repeated to a maximum of 6 credits. F, Sp.

BMIS 410 - Advanced Business Intelligence Using Neural Networks and Advanced Data Mining .................................3 hours
Prereq: BMIS 350*
This course provides an understanding of advanced techniques to extract business intelligence. Neural networks and data mining tools are covered extensively.

BMIS 421 - Business Process Redesign and ERP Systems .....................3 hours
Prereq: junior standing
This course provides an understanding of business processes and usage of various methods and computerized tools to redesign these processes. The redesigned processes will assist organizations in providing cost-effective quality products and services to customers. Further, this course provides an overview of the Enterprise Resource Planning (ERP) Systems which are widely used by corporations for automation of their processes.

BMIS 430 - Knowledge Management and Expert Systems ..........................3 hours
Prereq: BMIS 350*
This course provides a set of practical and powerful tools to ensure the understanding of knowledge management systems and expert systems. The exposure to computerized tools facilitates development of expert systems.

BMIS 440 - Systems Audit ..................................................................3 hours
Prereq: senior standing
This course provides an understanding of many types of audit needs, such as organizational IT audits (management control over IT), technical IT audits (infrastructure, data centers, data communication), application IT audit (business, financial, operational), development/implementation IT audits (specification/requirements, design, development, and post development phases), and compliance IT audits involving national and international standards.

BMIS 450 - Software Quality Assurance ............................................3 hours
Prereq: BMIS 381*
The software industry has witnessed recently a dramatic rise in the impact and effectiveness of software quality assurance (SQA). SQA has become integrated into all phases of software development. This course provides an overview of various concepts/techniques such as inspection, Pareto principles, software configuration management, capability maturity models, statistical testing methods, software reliability, and software safety. It also distinguishes the variations in SQA applications for mission-critical software and commercial software.

BMIS 475 - Management Information Systems Internship .....................1-15 hours
Prereq: none
A work experience program planned for students preparing for employment in business and industry. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the department.

BMIS 481 - Systems Analysis and Design II ........................................3 hours
Prereq: BMIS 381*
This course is a continuation of BMIS 381. Students use several software packages as they work through the steps of the system development life cycle with business cases. Sp.

BMIS 485 - Information Systems Strategy and Management .....................3 hours
Prereq: junior standing
The course provides a set of practical and powerful tools to ensure the understanding of strategic, tactical, and operational responsibilities of the chief information officer (CIO). The strategic responsibilities include the strategic alignment among information technology and business functions of the organizations. BMIS 380 is recommended.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BMIS 499 - Management Information Systems Topics ........3 hours
Prereq: none
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor. On demand.

BMKT 300 - Principles of Marketing .........................3 hours
Prereq: sophomore standing
The course will inform students of the theories, principles, and methods involved in the transaction and organized exchange of goods and services. Discussion of the history and evolution of marketing, its present-day challenges, and strategies connected with developing, pricing, promoting, and distributing goods and/or services. F, Sp.

BMKT 331 - Professional Selling............................3 hours
Prereq: none
An examination of the role of professional selling as a key component of marketing communications. Various techniques of professional selling and methods for developing long-term relationships with customers are explored, including the use of role-playing. F, Sp.

BMKT 336 - Services Marketing ............................3 hours
Prereq: none
This course presents concepts and strategies for addressing the distinctive marketing challenges in service industries, including the tourism, hospitality, banking, healthcare, and professional services. F.

BMKT 395 - Field Experiences in Practical Marketing ....3 hours
Prereq: none
The course offers a series of on-site activities designed to allow the student to experience, analyze and develop a marketing plan for an organization in a major market area. Primary and secondary data research emphasizing marketing functions, business interactions, sociocultural relationships and global impact will be utilized. Sum. on demand.

BMKT 420 - Retail Management ............................3 hours
Prereq: BMKT 300 or permission of instructor
A study of retail institutions and the basic principles and methods of retail merchandising, buying, and selling; store location, layout and operation; store and personnel management. F.

BMKT 430 - International Marketing .......................3 hours
Prereq: BMKT 300 or BMGT 330
A comprehensive overview of existing international marketing systems, history and development. Sp.

BMKT 433 - Marketing Channels Management ............3 hours
Prereq: BMKT 300 or permission of instructor
How to design, organize and control the alliances among the institutions, agencies, and within a company unit involved with the process of making certain that products and services are available for consumption by industrial, commercial, and household end users.

BMKT 434 - Business-to-Business Marketing ..............3 hours
Prereq: BMKT 300
Marketing in the business-to-business environment including trade, institutional, service, agribusiness, and governments; study of purchasing and buyer behavior in organizations; determination of business-to-business marketing strategies as well as e-business strategies.

BMKT 435 - Marketing Research ............................3 hours
Prereq: BMKT 300, BMGT 233* OR BMKT 300, STAT 241*
Structuring research procedures to aid managerial decision making. Emphasis is on development and completion of a marketing research project. F.

BMKT 437 - Sales Management ..............................3 hours
Prereq: BMKT 300 or BMKT 331 or permission of instructor
The concepts and practices of an established body of management knowledge used to cope with the dynamic business environment of both direct and telemarketing sales; job descriptions and qualifications, recruiting, training, determining sales potential, establishing workloads, scheduling, allocating quotas, compensating, controlling, and evaluating sales and people.

BMKT 438 - Consumer Behavior ............................3 hours
Prereq: BMKT 300, junior standing OR permission of instructor
A detailed and in-depth analysis of why and how people buy, based upon an understanding of the nature of consumer behavior on both the micro and macro level; includes the effects of internal and external influences on decision making. F.

BMKT 440 - Advertising Management .......................3 hours
Prereq: BMKT 300 or permission of instructor
A study of advertising as a marketing function with emphasis on planning and implementing the advertising campaign, creating copy and layouts, media selection, and scheduling. F, Sp.

BMKT 444 - Person Marketing ...............................3 hours
Prereq: senior standing or permission of instructor
Students will gain the skills to market individuals, i.e., how to take the unique product—"a specific person" to the marketplace. Students will learn to create SWOT analysis for the person they are marketing using creative problem-solving skills. Students will develop a marketing plan to market themselves.

BMKT 450 - Pharmaceutical Marketing ....................3 hours
Prereq: senior standing or permission of instructor
Students will gain the skills to market pharmaceuticals, i.e., how to take product "science" to the marketplace. Student's analytical, creative, problem-solving decision skills will be enhanced to improve success of product in the marketplace. Students will work on project conducting a market analysis, including a competitor assessment, and a marketing plan for an assigned pharmaceutical drug.

BMKT 455 - Marketing Management .......................3 hours
Prereq: BMKT 435*, BMKT 438*
A capstone marketing course covering market analysis, marketing plan development, execution and control; integrates and builds upon previous specialized marketing courses. Sp.

BMKT 457 - E-Marketing ....................................3 hours
Prereq: passing score on Business Computer Proficiency Examination
The pragmatic and theoretical aspects of E-marketing, including E-mail orders and direct response advertising, reassurability and accountability, E-mail lists and data, plus the integration of E-marketing programs into total marketing efforts and into overall organization goals and functions.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BMKT 460 - Strategic Product Management .......................... 3 hours  
Prereq: BMKT 300 or permission of instructor  
To develop an awareness of understanding of the issues, tools and techniques used from inception to launch of a product.

BMKT 474 - International Experiential Learning: Marketing ................................. 1-3 hours  
Prereq: BMKT 430* or BMGT 330 or ECON 430*;  
junior or senior standing; permission of instructor  
To learn to work in one or more multi-cultural, international business environment, outside of their native country and the United States, through first-hand experiences outside the classroom that require significant cross-cultural business-related immersion, such as visiting and engaging with businesses abroad or in the multinational organizations within the US.

BMKT 475 - Marketing Internship ........................................ 1-15 hours  
Prereq: BMKT 300  
A work experience program planned for students preparing for employment in business and industry. Internships above three credit hours need marketing advisor approval.

BMKT 498 - Marketing Topics ........................................... 3 hours  
Prereq: permission of instructor  
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor. On demand.

BMKT 499 - Special Problems in Business ........................... 1-3 hours  
Prereq: permission of department chair  
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. F, Sp.

BSAD 100 - Exploring Business ........................................ 1 hour  
Prereq: none  
The goal of this course is to help the student make a successful transition from high school to the College of Business and Technology by providing the opportunity to explore the various business disciplines and associated campus and career opportunities. The student will be asked to take an active involvement in academic issues and topics such as the facilities and offerings provided by the College of Business and Technology, requirements for successful course and program completion, and the values and skills that lead to professional and personal success.

BSAD 115 - Introduction to Business ............................... 3 hours  
Prereq: permission of instructor  
This course provides an overview of business concepts including entrepreneurship, government and business, international business, financial concepts, and economic issues. Students are provided with an integrated and practical approach to current business practices in all functional areas of business. Sp.

BSAD 499 - Special Problems in Business ....................... 1-3 hours  
Prereq: permission of instructor  
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. Must be approved by Department Chair. F, Sp.

BSED Courses

BSED 121 - Office Information Processing ....................... 3 hours  
Prereq: one year of high school keyboarding  
Special emphasis on speed, skill building, business communications, and formatting skills. F.

BSED 295 - Business Communications .......................... 3 hours  
Prereq: ENG 101GS*  
Current trends in written and oral business communications are covered in this course. Students will learn strategies for developing effective written communications including business letters, e-mail messages, memos, reports, and proposals. Oral communications skills including working in teams, listening, and nonverbal communications are discussed. Techniques for giving effective oral presentations are a part of the course. F, Sp.

BSED 302 - Automated Office Systems .......................... 3 hours  
Prereq: typing ability  
This course examines new and emerging office technologies. Hands-on experience in learning basic and advanced WordPerfect and desktop publishing. F, Sp.

BSED 314 - Information Technology: Networking ............. 1 hour  
Prereq: none  
This course will present information and provide skills needed by education majors to supervise and maintain networked computer lab systems.

BSED 315 - Information Technology: Presentation Software 1 hour  
Prereq: none  
Students will develop expertise in utilizing presentation software as a communication tool.

BSED 316 - Information Technology: Telecommunications .... 3 hours  
Prereq: admission to Teacher Education  
Course is designed to prepare students to teach business education in grades 7-12 and middle school grades. The course covers instructional strategies, methods, and procedures for teaching business education content at the secondary and middle school levels. Students gain knowledge of available resources, development of teaching materials, lesson plans and unit plans, utilization of technology in the teaching of business education classes, and identification and selection of appropriate assessment techniques. Fall.

BSED 475 - Internship .................................................. 1-15 hours  
Prereq: none  
A work experience program planned for students preparing for employment in business, industry and teaching. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the Department.

BSED 499 - Special Problems in Business ....................... 1-3 hours  
Prereq: permission of instructor  
In this course the student completes an independent project investigating current trends and important issues in business education. The project is subject to approval by the instructor and Department Chair, should enhance the student’s existing knowledge of the topic(s) to be studied, and relate to business education. F, Sp.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
BTE 401 - Educational Resources in Business and Technology ............................. 1-3 hours
Prereq: none
Introduces students to material which is available for instructional purposes; each is demonstrated, and its psychological basis for use is discussed. The course is designed to be of special value to students in the areas of business education, industrial technology, and home economics education.

CDIS Courses

CDIS 110 - Articulation for Non-Native Speakers of English .......................... 1 hour
Prereq: none
Designed for students with limited English proficiency. Provides practice in pronunciation of American English and comprehension and use of conversational language, including idioms, slang, homonyms, prepositions, vocabulary, grammar, and rules of discourse. Individual assistance will be arranged. May be taken up to 3 times.

CDIS 210 - Survey of Communication Disorders ............................... 3 hours
Prereq: none
Nature, causes and treatment of communication disorders as an educational field for Communication Disorders majors, special education and elementary education majors, and others who desire a knowledge of communication disorders, speech/language pathology and audiology as professional disciplines. This course is not recommended for first semester freshmen. Prerequisite for other speech pathology courses. Observation hours required.

CDIS 215 - Introduction to Phonetics ........................................... 3 hours
Prereq: none
Vocal mechanism and the International Phonetic Alphabet. Designed to develop skill in the use of IPA and in the analysis of defective speech sounds.

CDIS 250 - Introduction to Speech and Hearing Science ................... 3 hours
Prereq: CDIS 210, CDIS 215
Introduction to the process of human speech communication. Acoustic and physiological aspects of speech production, hearing, and speech perception are presented along with an overview of instrumentation in speech pathology and audiology.

CDIS 261 - Normal Development of Language and Articulation .............. 3 hours
Prereq: none
Detailed study of speech and language development in children. This course is not for Communication Disorders majors.

CDIS 311 - Orientation to Practicum ............................................. 3 hours
Prereq: CDIS 210
Familiarizes students with basics of clinical interaction including observation skills, rapport, behavioral objectives, recording progress, and report writing. Provides a basis for accruing 25 clock hours of clinical observation.

CDIS 312 - Field Experience in Communication Disorders .................. 1 hour
Prereq: CDIS 210
This field-based experience is designed to meet the clinical observation requirement of the American Speech-Language-Hearing Association (ASHA) for majors in communication disorders. In addition this experience partially fulfills the state of Nebraska field experience requirement for students obtaining a teaching certificate.

CDIS 321 - Early Communicative Development for the Teacher ......................... 2 hours
Prereq: none
This is a study of normal and abnormal language development, covering the period from birth through eight years of age. The course addresses normal speech and language development, types of language disorders and why/how the disorders develop. Procedures for identifying infants, toddlers and children as being at risk for developing communication will be discussed.

CDIS 322 - Introduction to Infant Testing ..................................... 1 hour
Prereq: none
This course provides an introduction to diagnostic principles, procedures and tools used in assessment of infants.

CDIS 336 - Anatomy and Physiology of the Speech Mechanism ................. 3 hours
Prereq: none
Study of the anatomy and physiology of the speech mechanism.

CDIS 350 - The Psychology of Speech/Language Pathology ........... 3 hours
Prereq: CDIS 210, PSY 203GS
A study of psychological factors in human communication, in disturbed communication, in evaluation and therapy.

CDIS 352 - Normal and Disordered Language: 6-12 Years ................ 3 hours
Prereq: none
This class is an introduction to language/learning acquisition, three levels of cognitive or meaning organization and the notion that language is a tool that represents learning. The course is designed to facilitate students’ understanding that language acquisition is “basic”. Guidelines and strategies to be used by classroom teachers and speech/language pathologists to facilitate students’ learning and to compensate for individual differences in learning will be presented. Course covers identification, assessment, and intervention.

CDIS 354 - Early Communicative Development ......................... 3 hours
Prereq: CDIS 352
Normal and abnormal development of communication of children ages birth to five will be presented. Procedures for identifying infants and toddlers as being at risk for developing communication disorders will be covered in addition to intervention programs to remediate such deficits. Observation hours required.

CDIS 356 - Communication Disorders of the Adolescent .................. 3 hours
Prereq: CDIS 352
Study of normal and disordered communication skills of adolescents. Identification and assessment procedures. Classroom and clinical management. Observation hours required.

CDIS 362 - Remediation of Articulation Disorders .......................... 3 hours
Prereq: CDIS 215
A presentation of principles and procedures for identification, assessment, and treatment of persons with articulation disorders. Observation or practicum hours required.

CDIS 363 - Methods for Language Disordered .............................. 3 hours
Prereq: CDIS 261
This course provides insight into strategies that educators may find helpful in working with school-aged students who exhibit language-learning differences. This course is not for Communication Disorders majors.

CDIS 406 - Communication Problems in Adults ............................. 3 hours
Prereq: none
Survey of communication skills in the elderly with respect to hearing, articulation, voice, syntax, semantics and pragmatics. Overview of communication problems related to hearing loss, stroke, dementia, laryngectomy, etc. Cannot be used in the communications disorders major.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
Prereq: CDIS 311*, CDIS 336, CDIS 362*
Basic kinds of audiometric testing, disorders, anatomy, and functioning of the ear. Observation of hearing evaluations and administration of pure tone audiometric tests is required.

CDIS 413 - American Sign Language I.........................3 hours
Prereq: none
Performance course dealing with the expressive and receptive aspects of basic sign language. Designed for persons working with the hearing disabled, nonverbal, or non-communicating individual.

CDIS 415 - Audiologic Rehabilitation..........................3 hours
Prereq: CDIS 210, CDIS 410*
Study of the objectives and techniques for working with individuals with hearing loss.

CDIS 416 - American Sign Language II.....................3 hours
Prereq: CDIS 413
This course will provide intermediate instruction in sign language, both Signed English (SEE) and American Sign Language (ASL). Issues of deaf culture will be addressed.

CDIS 418 - Diagnosis of Communication Disorders ..........3 hours
Prereq: CDIS 210, CDIS 354*, CDIS 362*, admission to Teacher Education
An overview of diagnostic principles, procedures and materials used in assessment of persons with communication disorders.

CDIS 433 - Clinical Practicum in Audiology..................1 hour
Prereq: CDIS 410*, permission of instructor
Experience in administration and interpretation of clinical assessment methods used in diagnostic audiology. Recommended for students considering a career in audiology. May be repeated.

CDIS 440 - Augmentative/Alternative Communication........3 hours
Prereq: junior standing
A course for those interested in communication options for persons who are unable to meet their daily communication needs through natural modes such as speech, gestures, or handwriting. Provides an overview of assessment, available technologies and procedures used.

CDIS 460 - Independent Study and Research...............1-3 hours
Prereq: permission of Communication Disorders faculty
Investigation of selected problems or topics on an individual basis. Designed to serve students in Communication Disorders who desire additional study in their chosen areas of expertise.

CDIS 470 - Professional Issues in Speech/Language Pathology.................................................................3 hours
Prereq: CDIS 311*, CDIS 418*
Prepares students for employment as speech/language pathologists. Provides information relative to federal and state guidelines by which the practice of speech-language pathology is governed. Addresses rights and responsibilities of speech/language pathologists. Gives information about work settings including public schools, hospitals and other clinical facilities.

CDIS 480 A-C - Clinical Practicum in Speech/Language Pathology............................................................2 hours
Prereq: CDIS 311*, CDIS 336, CDIS 362*
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.

CDIS 485 - Fluency Disorders...................................3 hours
Prereq: CDIS 311*, CDIS 336, CDIS 362*
Study of fluency disorders of preschool children through adulthood. Deals with the problems of non-fluent speech and includes all overt and covert characteristics. Normal dysfluency and the development of stuttering will be discussed along with evaluation and assessment techniques. Treatment strategies in all age groups will also be discussed.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

CDIS 488 - Senior Seminar....................................3 hours
Prereq: senior standing
This course is designed in the traditional research seminar format. The student is expected to develop and demonstrate clear analytical thinking and competence in oral and written communication of findings from the professional literature on topics of relevance to the profession of speech language pathology.

CDIS 498 - Special Topics......................................1-3 hours
Prereq: none
Topics concerning current developments in speech/language pathology. The approach will vary depending upon the topic, the instructor, and the needs of students. (May be taken twice.)
CHEM 161LGS - General Chemistry Laboratory.........................1 hour
Take concurrently with CHEM 161GS*.

CHEM 180 - Accelerated General Chemistry.......................4 hours
Prereq: MATH 103* or Math ACT score of 23 or better; declared chemistry major OR permission of instructor
A comprehensive course that introduces principles and theories of modern chemistry. The course is designed for students who need a sound introduction to the discipline of chemistry and serves as a prerequisite for 300- and 400-level chemistry courses. Material covered is equivalent to that in the two-semester CHEM 160GS-161GS sequence. Topics include atomic and molecular structure, chemical bonding, chemical reactions, gases, liquids, solids, solutions, thermodynamics, kinetics, equilibria, and acid-base theory. A student should have high school chemistry and three years of high school algebra/trigonometry/calculus before enrolling in this course. If this is not the case, the CHEM 160GS-161GS General Chemistry sequence may be more appropriate. For more information, see the CHEM 160GS course description. Four lectures per week. Concurrent enrollment in CHEM 180L (one lab per week) is required. NOTE: Health Sciences students should work carefully with the Health Programs office and targeted health program schools to ensure the acceptability of this course for their professional school or clinical programs.

CHEM 180L - Accelerated General Chemistry Laboratory.......1 hour
Take concurrently with CHEM 180.

CHEM 209 - Careers in Chemistry........................................1 hour
Prereq: CHEM 160GS*
An overview of the different career and job opportunities available in chemistry and related areas. Uses materials from the American Chemical Society. Credit may not be applied to a Chemistry major or endorsement. Concurrent enrollment in CHEM 160GS* is acceptable with permission from the department.

CHEM 250 - Elementary Organic Chemistry......................4 hours
Prereq: C grade in CHEM 161GS*, CHEM 161LGS OR CHEM 180*, CHEM 180L OR equivalent
A survey of the field of organic chemistry designed primarily for students who do not expect to become chemists or chemical engineers. Covers the same topics as CHEM 360GS* and CHEM 361GS*, but less rigorously. Four lectures per week. Counts toward chemistry minor. Fall only.

CHEM 250L - Elementary Organic Chemistry Laboratory.......1 hour
Take concurrently with CHEM 250*.

CHEM 269 - Sophomore Seminar in Chemistry....................1 hour
Prereq: CHEM 161GS*, CHEM 161LGS OR CHEM 180*, CHEM 180L
The first of three seminars for chemistry majors. Includes an introduction to chemical safety and hygiene, research opportunities in the department, possible careers in chemistry, and an introduction to scientific literature resources. One hour per week. Fall only.

CHEM 280HGS - Special Topics...........................................3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CHEM 300 - Environmental Chemistry.........................3 or 4 hours
Prereq: CHEM 250*, CHEM 250L OR CHEM 360*, CHEM 360L
A study of the fate of chemicals in the air, water, and soil, and their impact on human health and the natural environment. Topics will include water pollution and water treatment, greenhouse gases and ozone-layer destruction, sources and management of hazardous wastes, and environmental toxicology of specific industrial and agricultural chemicals. Fall of even-numbered years.

CHEM 301 - Analytical Chemistry..................................3 hours
Prereq: CHEM 161GS*, CHEM 161LGS OR CHEM 180*, CHEM 180L OR equivalent
This will provide a short, engaging elementary introduction to modern analytical chemistry for students whose primary interests lie inside or outside of chemistry. The laboratory experiments in the accompanying laboratory (CHEM 301L) are designed to give students hands-on experience in the use of modern instruments, with emphasis on environmental and pharmaceutical samples. Three lectures per week. Fall and Spring.

CHEM 301L - Analytical Chemistry Laboratory..................1 hour
Take concurrently with CHEM 301.

CHEM 351 - Biochemistry........................................3 hours
Prereq: C grade in either CHEM 250*, CHEM 250L OR CHEM 360*, CHEM 360L
A study of the structure and function of the fundamental biomolecules including proteins, nucleic acids, carbohydrates, lipids and vitamins. The course concludes with the chemistry and regulation of the metabolic pathways glycolysis, the citric acid cycle and oxidative phosphorylation. Three lectures per week; must be taken concurrently with CHEM 351L. Offered Fall and Spring semesters.

CHEM 351L - Biochemistry Laboratory.............................1 hour
Take concurrently with CHEM 351.

CHEM 352 - Biochemistry II.......................................3 hours
Prereq: C grade in CHEM 351*, CHEM 351L
This course is a continuation of CHEM 351 and begins with discussion of additional topics in metabolism such as carbohydrate biosynthesis in plants and bacteria as well as hormonal regulation of metabolism. Our discussion then turns to the biochemistry of biological information pathways. Three lectures per week. Fall only.

CHEM 352L - Biochemistry II Laboratory.........................1 hour
Take concurrently with CHEM 352.

CHEM 360 - Organic Chemistry..................................4 hours
Prereq: C grade in CHEM 161GS* and CHEM 161LGS OR equivalent
Taken primarily by chemistry majors and pre-professional students. The foundation for understanding organic reactions is established with considerable emphasis being placed upon bonding, stereochemistry, kinetics, and reaction mechanisms. The chemistry of the alkanes, alkenes, and aromatic compounds is considered with a primary objective of understanding how these reactions occur. Four lectures per week. Fall only.

CHEM 360L - Organic Chemistry Laboratory....................1 hour
Take concurrently with CHEM 360.

CHEM 361 - Organic Chemistry..................................4 hours
Prereq: C grade in CHEM 360* and CHEM 360L
A continuation of CHEM 360*. Four lectures per week. Spring only.

CHEM 361L - Organic Chemistry Laboratory....................1 hour
Take concurrently with CHEM 361*.

CHEM 369 - Junior Seminar in Chemistry.........................1 hour
Prereq or Coreq: CHEM 269*
The second of three seminars for chemistry majors including an introduction to analysis of scientific journals using both written and oral formats and discussion of research and scientific ethics. One hour per week. Fall only.

CHEM 399 - Chemistry Apprenticeship.........................1-4 hours
Prereq: none
The chemistry apprenticeship program is meant to provide meaningful experiences such as teaching and preparation of demonstrations. The apprentice will work mainly with one member of the department whose permission must be obtained before registration.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
CHEM 430 - Inorganic Chemistry ................................. 3 hours
Prereq: C grade in CHEM 161GS*, CHEM 161LGS or CHEM 180*, CHEM 180L; MATH 202*, PHYS 205GS* or PHYS 275GS
A study of the underlying principles behind the structural and spectroscopic properties of inorganic compounds. Lecture topics include symmetry, molecular orbital theory, solid-state structures, transition metal chemistry, and organometallics. The laboratory will focus on preparation and characterization methods for inorganic compounds. Three lectures per week. Fall only.

CHEM 430L - Inorganic Chemistry Laboratory ................... 1 hour
Take concurrently with CHEM 430.

CHEM 435 - Special Topics in Chemistry .......................... 1-3 hours
Prereq: permission of instructor
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a seminar/discussion format with lab work included as appropriate.

CHEM 440 - Materials Chemistry ................................... 3 hours
Prereq: CHEM 430*, CHEM 430L, CHEM 480*, CHEM 480L
OR permission of instructor
A study of solid-state compounds and the relationships between overall physical properties and atomic-or molecular-level structure. Topics may include crystalline and amorphous solid structures, metals, semiconductors, polymers, nanomaterials, and characterization techniques. Spring of even-numbered years.

CHEM 451 - Advanced Biochemistry ................................ 3 hours
Prereq: CHEM 352*, CHEM 480*, CHEM 480L
This course covers the basic principles of intermediary metabolism and the application of biochemical principles of living systems. Three lectures per week. Fall of odd-numbered years.

CHEM 461 - Qualitative Organic Analysis ............................. 3 hours
Prereq: C grade in CHEM 361*, CHEM 361L
A study of classical and spectroscopic techniques used in the identifications of organic compounds including the application of NMR, FTIR, UV/Vis, and mass spectroscopy. Three lectures per week. Spring of even-numbered years.

CHEM 461L - Qualitative Organic Analysis Laboratory .......... 1 hour
Take concurrently with CHEM 461.

CHEM 469 - Senior Seminar in Chemistry ............................ 1 hour
Prereq: CHEM 480*, CHEM 480L, CHEM 369*
The third of three semesters in chemistry including a critical examination and discussion of recent accomplishments of chemical investigations, career preparation with respect to resumes, interviewing techniques, and professional exam preparation. One hour per week. Fall only.

CHEM 470 - Advanced Organic Chemistry ............................ 3 hours
Prereq: CHEM 361*, CHEM 361L, CHEM 480*, CHEM 480L
This course will cover advanced theoretical aspects of organic chemistry. Areas of emphasis will be bonding, spectroscopy, synthesis, and mechanism. Three lectures per week, Spring only, odd-numbered years.

CHEM 475 - Instrumental Analysis .................................. 3 hours
Prereq: CHEM 301*, CHEM 301L, CHEM 480*, CHEM 480L
OR permission of instructor
The study of modern methods of analysis using chemical instrumentation. Three lectures per week. Spring of odd-numbered years.

CHEM 475L - Instrumental Analysis Laboratory ................. 1 hour
Take concurrently with CHEM 475.

CHEM 480 - Physical Chemistry ........................................ 3 hours
Prereq: C grade in CHEM 161GS*, CHEM 161LGS OR CHEM 180*, CHEM 180L; MATH 202*, PHYS 205GS* or PHYS 275GS*
The first semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week. Fall only.

CHEM 480L - Physical Chemistry Laboratory ...................... 1 hour
Take concurrently with CHEM 480.

CHEM 481 - Physical Chemistry II ....................................... 3 hours
Prereq: C grade in CHEM 480*, CHEM 480L
The second semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week. Spring only.

CHEM 481L - Physical Chemistry II Laboratory ................... 1 hour
Take concurrently with CHEM 481.

CHEM 489 - Internship in Chemistry .................................... 1-15 hours
Prereq: permission of the department
This course will be taken in the last two years of the chemistry major and will emphasize professional development of the individual student.

CHEM 499L - Problems in Chemistry .................................. 1-3 hours
Prereq: elementary courses necessary for the problems to be undertaken, permission of instructor
Independent investigations of chemistry problems. Three hours of laboratory work each week for each hour credit.

CJUS Courses

CJUS 101GS - Introduction to Criminal Justice ..................... 3 hours
Prereq: none
This course is intended to provide a broad understanding of the functional components of the criminal justice system and their interrelationship. It will also provide a basic understanding of the American crime problem.

CJUS 201 - The Juvenile Justice System ................................. 3 hours
Prereq: CJUS 101GS
This course is intended to introduce various components that comprise the juvenile justice system. Topics will include juvenile courts, role modeling, interaction between youth and the juvenile justice system, and the future of the juvenile justice system.

CJUS 215 - Correctional Services and Systems ........................ 3 hours
Prereq: CJUS 101GS
This course covers the historical development of corrections leading to an analysis of our correctional process and systems in contemporary America.

CJUS 230 - The Police Service ............................................ 3 hours
Prereq: CJUS 101GS
This course is intended to introduce students to the major developments in criminal justice and the contemporary role of the police in society.
CJUS 250 - Criminal Justice Research Methods I 3 hours 
Prereq: STAT 235* or STAT 241*
A course intended to give students some fundamentals in planning, research, and grant writing for criminal justice subsystems, (Program planning and evaluation).

CJUS 305 - Criminal Justice Research Methods II 3 hours 
Prereq: CJUS 250
This course is intended to give students an applied research experience in the field of criminal justice.

CJUS 310 - Community Based Corrections 3 hours 
Prereq: none
This course is concerned with correctional theory and practice as they are applied in the community setting. Specific areas of concern are probation, parole, diversion, and nontraditional community correctional programs. The application of community resources and responsibilities with the needs of offenders in the criminal justice system is a primary focus of the course. Some contrasts and comparisons are made with the institutional correctional setting.

CJUS 315 - Victimology: Victims of Crime 3 hours 
Prereq: none
This course is designed to introduce the students to the overall problems dealing with victimization. Areas covered will include homicides, child abuse and neglect, rape, spouse abuse, abuse to the elderly, and other victimizations along with the post traumatic stress involved. The philosophy, history, and objectives of victimology will be reviewed in addition to the Victims' Rights Movement and research findings about victims. This course is designed to assist students in relating to victims of crime in a professional manner.

CJUS 321 - Technology in Criminal Justice 3 hours 
Prereq: CJUS 101GS
This course is designed to introduce students to some of the major developments and issues in technology that are facing the criminal justice system. Students will explore topics such as cybercrime, digital investigation and evidence preservation, use of technology in the commission of sex crimes, fraud, hacking, terrorism, and the legal issues and status surrounding the use of technology in the commission of crime and in the investigation of crimes involving technology.

CJUS 326 - Theories of Crime and Criminal Law 3 hours 
Prereq: CJUS 101GS
This course is intended to introduce students to the philosophical foundations of criminal law, as well as the various theories that have been proposed to address criminal offending and the prevention of crime. Students will evaluate each theory within the context of the crime and the criminal justice system in the United States.

CJUS 330 - Laws of Arrest, Search and Seizure 3 hours 
Prereq: none
An examination of state and federal American law concerning arrest, search and seizure. Emphasis on basic legal precedents developed by courts.

CJUS 340 - Criminal Evidence and Procedure 3 hours 
Prereq: CJUS 101GS
The emphasis of this course will be on the concept of evidence and the rules governing its admissibility. There will also be theoretical and pragmatic considerations of constitutional requirements affecting evidence and procedure.

CJUS 345 - Criminal Law 3 hours 
Prereq: CJUS 101GS
Examines the foundation and elements of criminal law. Special emphasis is placed upon the definition of crime, criminal liability, defenses to criminal liability and the sanctions for committing crime.

CJUS 350 - Organized Crime 3 hours 
Prereq: none
Designed to examine the different organized criminal elements in American society. This examination will include their economic effect on society, law enforcement efforts to minimize that effect, the major criminal areas involved in their day-to-day operations, and the historical development of the criminal groups as they exist today.

CJUS 353 - Crime Prevention and Security 3 hours 
Prereq: none
Concerned with the security and safety of communities, businesses, and individuals. It emphasizes the needs for citizen involvement, private industry and business participation, educational programs, in cooperation with criminal justice agencies.

CJUS 360 - Sex Crimes 3 hours 
Prereq: none
This course is designed to introduce the students to the growing problem of sex crimes. Areas covered will include prostitution, the role of fantasy in sex crimes, pornography, Internet related sex crimes, sex trafficking and tourism, pedophilia, dangerous sex crimes, and rape. Related laws, typologies of offenders, profiling offenders, and evidence collection will also be discussed.

CJUS 375 - Comparative Criminal Justice Systems 3 hours 
Prereq: CJUS 101GS
An examination of selected non-American criminal justice systems. Specific areas of comparison will include but not be limited to, the police, judiciary, and criminal corrections, of selected foreign systems.

CJUS 380 - Minorities and Criminal Justice 3 hours 
Prereq: CJUS 101GS
This course provides a survey of minority relations and criminal justice adjudication in America (law enforcement, judicial processing and corrections). Particular attention is focused on majority/minority relations and how these sentiments are reflected within the criminal justice process. While many minority groups will be examined, three will be emphasized: (1) racial minorities; (2) female victims and offenders; and (3) unique white ethnic subcultures.

CJUS 390 - Criminal Investigation 3 hours 
Prereq: CJUS 101GS
Deals with the following fundamental procedures of criminal investigation: Crime scene search and recording; collection and preservation of physical evidence; scientific evaluation; modus operandi; sources of information; interviews and interrogations; and case preparation.

CJUS 401 - Special Topics 1-3 hours 
Prereq: CJUS 101GS or permission of instructor
Concerned with current issues and developments in the criminal justice field. Each semester a topic will be chosen as the subject for inquiry. It is designed for students who wish to explore current issues and broaden their exposure to important and timely issues in criminal justice. This course may be repeated to a maximum of 12 hours.

CJUS 411 - Readings in Criminal Justice 1-3 hours 
Prereq: 9 hours of CJUS, permission of instructor
An independent study course intended to supplement students' understanding of the criminal justice system through selected readings in the field. This course may be repeated to a maximum of 6 hours.

CJUS 415 - Correctional Casework 3 hours 
Prereq: CJUS 215*
Designed to develop knowledge of specific treatment programs and to help students learn the role of correctional caseworkers as practiced in correctional agencies.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
CJUS 420 - Supervision and Management in Criminal Justice ........................................3 hours
Prereq: junior standing
This course introduces upper-level students to supervision and management concepts within criminal justice organizations. Students will learn how to employ sound principles of human relations and supervision techniques to be effective leaders.

CJUS 430 - Drugs and the Criminal Justice System ............3 hours
Prereq: none
This course focuses on the historical and contemporary pattern of psychoactive drug use in the United States and on the development of criminal justice policies intended to reduce or eliminate drug use and/or drug problems. Specific topics include major types of psychoactive drugs, the War on Drugs, the international context of drug production and distribution, and personal and social problems resulting from drug use. A major focus of the course will be the evaluation of different criminal justice strategies for reducing drug-related problems.

CJUS 431 - Correctional Law and Administration ...............3 hours
Prereq: CJUS 215*
This course is designed as an upper division class presenting the fundamental aspects of correctional law and a consideration of the impact of law on correctional administration. The course will provide the student the opportunity to examine the legal process, case law and the nature of litigation against correctional administrators and the impact of these actions on corrections. Recommended prior coursework: CJUS 345 or PSCI 320.

CJUS 435 - Interviewing and Correctional Case Management........................................3 hours
Prereq: CJUS 415*
This course is designed to develop student knowledge of specific interviewing techniques, case management and technical report writing as they apply to the fields of probation, parole, community corrections and correctional institutions. Specific emphasis will include the integration of assessment tools, interview results and community resources to formulate case management plans. This class emphasizes report writing and traditional written products as they relate to the corrections field.

CJUS 475 - Internship ................................................... 6 or 9 hours
Prereq: 9 hours of CJUS, permission of instructor and department chair
Designed to give students on-the-job exposure to their areas of interest within the criminal justice system. Offered only as credit/no credit.

CJUS 476 - Terrorism and Crisis Negotiations ....................3 hours
Prereq: none
This course is designed to introduce the students to the overall theories behind the use of terrorism to obtain a political objective and an overview of major terrorist organizations. Emphasis will be placed on the culture diversity within the United States and other countries. Specifically it will show the actions of different ethnic, culture and religious groups that have resorted to the use of terrorism because of government actions. This class will also discuss the primary methods of operational and counter actions taken by police and government agencies. A portion of the class will be devoted to the planning and conducting hostage negotiations and examining the psychological factors on both the hostage taker and hostage.

CJUS 480 - Senior Seminar: Professional Ethics and Career Development........................................3 hours
Prereq: senior standing
Graduating seniors must take this class in the school year they plan on graduating. This is a capstone course for the criminal justice program and will include assessment methods. Emphasis of the course will be on ethics in the criminal justice profession and the continued development of skills that will aid in the student’s career development.

CJUS 490 - Advanced Criminal and Crime Scene Investigations (CSI)........................................3 hours
Prereq: CJUS 390*
This course is designed to present various advanced methods and theories of criminal investigation, crime scene process, and related areas of forensic science. More complex crimes not covered in CJUS 390 will be examined, with associated crime scene material presented. Additionally, criminal identification methods and investigative behavior in court will be presented.

CJUS 499 - Independent Study ........................................1-3 hours
Prereq: 9 hours of CJUS, permission of instructor and department chair
An examination in depth of specific areas of the criminal justice system, with emphasis on the special roles of related agencies and disciplines. This course may be repeated to a maximum of six hours with permission of the Chair.

CSIS Courses

CSIS 100 - Computing Environments ........................................1 hour
Prereq: none
This course presents any one of a variety of currently demanded computer topics. It focuses on hands-on exposure to computer-based enhancement of personal productivity. Grading method is credit/no credit.

CSIS 1001 - Computing Environments: Word Processing ......1 hour
CSIS 1002 - Computing Environments: Spreadsheet ..........1 hour
CSIS 1003 - Computing Environments: Data Base ..........1 hour
CSIS 1005 - Computing Environments: Presentation Graphics..1 hour
CSIS 1006 - Computing Environments: Internet...............1 hour
CSIS 1009 - Computing Environments: Software Sampler ....1 hour
CSIS 100C - Computing Environments: Linux......................1 hour
CSIS 100D - Computing Environments: Windows ..............1 hour
CSIS 100E - Computing Environments: WWW Home Pages...1 hour
CSIS 100F - Computing Environments: MVS......................1 hour
CSIS 100G - Computing Environments: JCL......................1 hour
CSIS 108GS - Computers in Society....................................3 hours
Prereq: none
An elementary description of the components and principles of digital computers. Background and implications of information processing, computer influence on society, and uses of computers. Hands-on computer applications to reinforce concepts of problem solving and critical thinking and to illustrate modern applications of computers.

CSIS 111GS - Applied BASIC Programming........................3 hours
Prereq: none
This course is a study of advanced concepts, techniques, and applications in structured BASIC programming; includes table handling, subprograms, sequential and direct files, sorting and graphics. Emphasis is on development of applications.

CSIS 112 - Programming in C ........................................3 hours
Prereq: none
Study of programming and problem-solving concepts and the implementation of these concepts using the C programming language. Demonstrates the power of C as a high and low level language.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
CSIS 130GS - Introduction to Computer Science .................. 4 hours
Prereq: general computer knowledge
Prereq or Coreq: ACT Math subscore of at least 22
OR math placement into MATH 103* or above
A first course in problem solving and software development; including logic, data storage and manipulation, data types, assignment statements, standard input/output, selection control, repetition control, subprograms, parameter passing, scope of identifiers, data file input/output, simple GUIs, software classes, objects, one dimensional arrays and rudimentary software engineering techniques. Students complete programming projects using a modern programming language. Good programming techniques, object-oriented design, program clarity, style, and effective documentation are emphasized through practice in designing, coding, and debugging programs. Intended for students interested in improving their problem-solving abilities through the use of software development. Laboratory assignments develop mastery of a high-level programming language and good programming and experience in modern software development practices. Three hours lecture, two hours laboratory each week.

CSIS 150 - Object Oriented Programming .................. 3 hours
Prereq: CSIS 130GS*
Structured programming concepts and principles including an introduction to data structures. Comprehensive study of a structured programming language with a variety of programming applications. An appropriate state-of-the-art language will be used.

CSIS 180 - Discrete Structures .................. 3 hours
Prereq: CSIS 130GS*, MATH 115*
The study of mathematical topics and data structures necessary for a successful program of study in Computer Science. Topics include set theory, Boolean algebra, propositional calculus, logic circuits and finite state machines. (May be taken concurrently with MATH 115*.)

CSIS 210GS - Structured Transaction Programming ........ 3 hours
Prereq: a working knowledge of computers
This is an introductory programming course. The topics include basic computer concepts and terminology, in conjunction with program development using elements of a programming language. Stress is placed upon transaction processing algorithm using structured programming. The assignments are exercises that develop in-depth skills and techniques from the lecture topics. CSIS 100F MVS and CSIS 100G JCL are recommended co-requisites.

CSIS 223 - Computer Organization for Computer Information Systems .................. 3 hours
Prereq: CSIS 150*
A study of computer organization. Topics include basic logic design, addressing modes and instruction sets, data path, memory hierarchy, Buses and peripherals, parallel processing, error detection and recovery, encryption and compaction.

CSIS 280HS - Special Topics .................. 3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CSIS 301 - Computer Organization .................. 3 hours
Prereq: CSIS 150*, CSIS 180*
A study of computer organization and Assembly language. Topics include basic logic design, addressing modes and instruction sets, data path, memory hierarchy, buses and peripherals, parallel processing, error detection and recovery, encryption and compaction.

CSIS 310 - Programming Data and File Structures .................. 3 hours
Prereq: CSIS 210GS
Study of advanced structured COBOL programming techniques and applications with respect to table handling, subprograms, sequential files, and indexed sequential files.

CSIS 330 - Algorithms and Data Structures .................. 3 hours
Prereq: ENG 102GS*
A comprehensive study of data structures and algorithms with programming applications. Topics include: a review of basic data structures (linked-lists, stacks, queues) and abstract data types, advanced data structures and their associated algorithms, heaps, priority queues, hash tables, trees, binary search trees, and graphs, advanced sorting and searching algorithms, divide and conquer algorithms, greedy algorithms, and dynamic programming. Problem analysis is emphasized. Computability, asymptotic notation and NP-completeness are introduced. An object-oriented programming language will be used.

CSIS 350 - Information Systems Concepts .................. 3 hours
Prereq: CSIS 130GS*, ENG 102GS*
This course deals with the role, structure and objectives of information systems. Other topics include theory of systems and information, decision support, human considerations, applications of information systems, system evaluation and selection.

CSIS 380 - System Analysis and Design .................. 3 hours
Prereq: CSIS 150*, junior standing
Explore the System Development Life Cycle. Learn tools and strategies for system and information analysis, including need identification, feasibility studies, data and process modeling, requirements assessment, project management and group dynamics.

CSIS 399 - Campus Lab Consultantship .................. 1-3 hours
Prereq: permission of instructor
Work in campus computer labs as a consultant to computer science and computer information system students. (A total of three credit hours in any combination of CSIS 399 and CSIS 492-495 may be applied toward a computer science/information systems major or minor.)

CSIS 401 - Operating Systems .................. 3 hours
Prereq: CSIS 330*
Introduction to modern operating system concepts and design. Topics will include: Processes, semaphores, monitors, concurrent process management, virtual memory, file systems, scheduling algorithms, deadlocks and protection, I/O control interrupt handling, client-server model, remote procedure call, distributed synchronization, threads and transactions.

CSIS 402 - Introduction to Automata, Formal Languages, and Computability .................. 3 hours
Prereq: CSIS 301*, CSIS 330*
A survey of the fundamental concepts and conclusions in the theory of computation. Topics cover regular languages and finite automata, Kleen’s theorem, context-free languages and pushdown automata, formal grammars, Chomsky hierarchy, Turing machine and computability, computational complexity.

CSIS 404 - Software Engineering .................. 3 hours
Prereq: CSIS 330*
This course will include the fundamental principles of software engineering. Software specification techniques: rigorous methods and formal methods. Software design: object-oriented design, function-oriented design, real-time systems design, user interface design. Programming techniques and tools. Software reuse and software metrics. Design patterns and component-based software development. Computer-aided software engineering. Software validation and verification. The object-oriented language Java will be used as the major programming language for this course.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
CSIS 405 - Compiler Construction ............................. 3 hours  
Prereq: CSIS 402*  
Techniques and organization of compilers, assemblers, and interpreters. Structure of programming language symbol tables, scans, and object code generation.

CSIS 406 - Internet-based Information Systems Development ................................. 3 hours  
Prereq: CSIS 150*, CSIS 425*  
This course is designed to assist students in learning the skills necessary to design and build Internet-based information systems. Skills and knowledge gained in this course can be applied in the development of information systems that support interactive Web sites, electronic commerce systems, and other systems that involve interaction with a database through the Internet. Security of Internet based information systems will also be covered.

CSIS 408 - Principles of Programming Languages ............................................. 3 hours  
Prereq: CSIS 402*  
Study of the essential concepts of programming languages including language design concepts and semantics; examination of language features and major programming paradigms with a focus on functional programming; and design and implementation of language interpreters.

CSIS 422 - Computer Graphics ................................................................. 3 hours  
Prereq: CSIS 330*  
Introduction to the techniques for generating lines, curves, surfaces, 2D and 3D graphics, modeling and rendering. Topics include display hardware, transformations, interactive technologies, geometric modeling, 2D and 3D display algorithms, graphics software system architecture, visible-surface algorithms, illumination and shading.

CSIS 425 - Database Systems ................................................................. 3 hours  
Prereq: CSIS 130*, junior standing  
This course is a comprehensive study of multi-user database concepts. The relational model and relational database management systems along with proper database design will be emphasized. The normalization process and the various normal forms will be covered. Internet database applications are introduced. SQL will serve as the standard language for database manipulation. Several current database management systems will be introduced and will serve as the sample DBMSs for implementation of the course material.

CSIS 426 - Computer Architecture ............................................................. 4 hours  
Prereq: PHYS 205GS* or PHYS 275GS*; 6 hours of CSIS courses, preferably CSIS 130GS* and CSIS 301*  
The study of the logic and theory of operation of the main hardware blocks of computers, their control, and their software/hardware interactions. The emphasis is on microcomputer architecture, including laboratory experiments with various systems and their I/O and interfacing characteristics.

CSIS 440 - Client-side Web Application Development ........................................ 3 hours  
Prereq: CSIS 130*  
This course covers the wide range of state-of-the-art computer technologies for client-side web application development. Students will learn how to write both static web pages and dynamic web pages. This is a programming-intensive course.

CSIS 441 - Artificial Intelligence ................................................................. 3 hours  
Prereq: CSIS 150*, junior standing  
An in-depth study of intelligent agents, tree and search methods, constraint satisfaction problems, optimization problems, game-playing, logical analysis, and uncertainty modeling. Machine learning techniques are introduced. Applications to robotics, psychology, business intelligence and data mining are also discussed.

CSIS 448 - System Administration ............................................................. 3 hours  
Prereq: CSIS 130* or ITEC 345* or permission of instructor  
This course provides an overview of how to manage a server and its users. Topics include but not limited to installing server operating system, creating user and group accounts, setting up policies, adding and configuring devices and drivers, managing data storage, setting up security evaluating performance, trouble shooting, and virtualization.

CSIS 450 - E-commerce Information Systems .............................................. 3 hours  
Prereq: CSIS 350* or BMIS 302*; junior standing  
This course will present, develop, explore, and illustrate the nature and use of E-commerce Information System development methodologies in an inter-organizational setting, and discuss responsibilities at all life cycle stages. It is a comprehensive study of electronic commerce, with in-depth coverage of e-commerce technologies and e-commerce business models including business-to-consumer models, business-to-business models, consumer-to-consumer models, peer-to-peer models, and mobile commerce. It introduces global e-commerce, security and encryption issues, and ethical, social and political issues related to e-commerce. E-commerce interface designs for electronic storefronts, malls, catalogs, shopping carts, search engines, auctions, e-payment systems, e-learning, and e-government will be covered. Consumer interactions with payment processing mechanisms and relationships to information technology development and support will be studied.

CSIS 458 - Computer Security ................................................................. 3 hours  
Prereq: CSIS 428 or ITEC 430*  
This course provides an overview of security issues associated with the development and deployment of information systems. Topics include authentication, encryption, firewalls, security standards and protocols, attack prevention, detection, and recovery.

CSIS 492 - Practicum in Computer Science/Information Systems ......................... 1-6 hours  
Prereq: CSIS 223*, permission of department chair  
This course provides the student the opportunity to gain experience in the application of computer science/computer information systems principles in a variety of settings. Arrangements must be made in writing prior to registering for the course. (A total of 3 credit hours of any combination of CSIS 399 and CSIS 492-495 may be applied toward a computer science/information systems major, minor, or endorsement. A total of 6 credits may be earned for a summer practicum and a total of 3 credits may be earned for a semester practicum.)

CSIS 493 - Directed Readings in Computer Science/Information Systems ................ 1-3 hours  
Prereq: CSIS 223*, permission of department chair  
Independent readings on advanced or contemporary topics in computer science/computer information systems, to be selected in consultation with and directed by a computer science/computer information systems faculty member. A written contract specifying readings and requirements for the course is required before registering for the course. Any topic that is thoroughly covered by any regularly offered computer science or computer information systems course is not allowed for Directed Readings. (A total of three credit hours of any combination of CSIS 399 and CSIS 492-495 may be applied toward a computer science/information systems major or minor.)

CSIS 494 - Directed Research in Computer Science/Information Systems ............... 1-3 hours  
Prereq: CSIS 223*, permission of department chair  
Independent original research in computer science/computer information

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSIS 495</td>
<td>Independent Study</td>
<td>CSIS 223*, permission of department chair</td>
<td>1-3 hours</td>
</tr>
<tr>
<td>CSIS 496</td>
<td>Seminar in Computer Science/Information Systems</td>
<td>CSIS 330*</td>
<td>1-3 hours</td>
</tr>
<tr>
<td>CSIS 497</td>
<td>Seminar in Computer Information Systems</td>
<td>CSIS 380*</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSIS 498</td>
<td>Special Topics in Computer Science &amp; Information Systems</td>
<td>varies with topic</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 410</td>
<td>Psychology of Classroom Discipline</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 418</td>
<td>Introduction to Counseling</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 420</td>
<td>Learning from Children</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 441</td>
<td>Special Topics</td>
<td>none</td>
<td>1-3 hours</td>
</tr>
<tr>
<td>CSP 499</td>
<td>Independent Study</td>
<td>none</td>
<td>1-2 hours</td>
</tr>
<tr>
<td>CSP 418</td>
<td>Introduction to Counseling</td>
<td>History development of counseling, ethical and legal issues in counseling, current psychological theories and their influence in counseling, worksetting of counselors, and major research issues in counseling.</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 420</td>
<td>Learning from Children</td>
<td>Direct observations of child/adult interactions, a brief study of class members' recollections of their own childhoods, and a study of neotenous (childlike) adults. The course will be graded credit/no credit, undergraduate/graduate credit.</td>
<td>3 hours</td>
</tr>
<tr>
<td>CSP 441</td>
<td>Special Topics</td>
<td>This course addresses current issues related to counseling and school psychology. The course format varies depending on subject matter, instructor and student needs.</td>
<td>1-3 hours</td>
</tr>
<tr>
<td>CSP 499</td>
<td>Independent Study</td>
<td>The student along with an advisor from the department will select an appropriate topic to be studied.</td>
<td>1-2 hours</td>
</tr>
</tbody>
</table>

Offered by Department of Music and Performing Arts College of Fine Arts and Humanities

**DANC Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANC 122GS</td>
<td>Dance Appreciation</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>DANC 138</td>
<td>Dance Techniques I (Fine Arts)</td>
<td>CSIS 399 and CSIS 492-495 may be applied toward a computer science/information systems major or minor.</td>
<td>2 hours</td>
</tr>
<tr>
<td>DANC 148</td>
<td>Jazz Dance I</td>
<td>CSIS 420 or permission of instructor</td>
<td>1 hour</td>
</tr>
<tr>
<td>DANC 149</td>
<td>Jazz Dance II</td>
<td>CSIS 420 or permission of instructor</td>
<td>1 hour</td>
</tr>
<tr>
<td>DANC 236</td>
<td>Tap Dance</td>
<td>CSIS 420 or permission of instructor</td>
<td>1 hour</td>
</tr>
</tbody>
</table>

*This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*
DANC 238 - Dance Technique III (Fine Arts)..............................2 hours  
Prereq: DANC 139* or permission of instructor  
A course for students who have had previous training in dance. The course covers the basic technical skills of modern dance and concentrates on developing flexibility, strength, and locomotor patterns. Students experience longer movement combinations dealing with support and balance which will alert them to the kinesthetic awareness of the body.

DANC 239 - Dance Technique IV (Fine Arts)..............................2 hours  
Prereq: DANC 238* or permission of instructor  
A continuation of DANC 238 with further emphasis on strength and sustaining balance through longer, more involved combinations.

DANC 248 - Jazz Dance III.....................................................1 hour  
Prereq: DANC 149* or permission of instructor  
A continuation of DANC 149 with emphasis on rhythmic performance while building technique and style through advanced combinations.

DANC 249 - Jazz Dance IV.....................................................1 hour  
Prereq: DANC 248* or permission of instructor  
A continuation of DANC 248 with emphasis on rhythmic performance while building technique and style through advanced combinations.

DANC 341A-C - Creative Projects in Dance .........................1-3 hours  
Prereq: permission of instructor  
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.

DANC 342 - Dance Production..............................................3 hours  
Prereq: DANC 238* or permission of instructor  
Involves the practical application of technical theatre and management skills to the specific needs of dance. Students will be required to do technical work for the spring Dance Concert and/or informal workshops.

DANC 344 - Basic Dance Composition..................................3 hours  
Prereq: DANC 238* or permission of instructor  
The basic principles of dance composition are explored through time, space, dynamics, weight, and movement invention for both solo and group forms.

DANC 348 - Dance Technique V (Fine Arts)..........................2 hours  
Prereq: DANC 239* or permission of instructor  
A course for the high intermediate/advanced dancer designed to improve technical skills with a strong emphasis on performance through complicated movement combinations through space.

DANC 401 - Special Topics: Choreographing the Musical .........1 hour  
Prereq: permission of instructor  
Designed to assist the novice choreographer in learning and understanding the total aspect of a musical production. Specific attention is given to dance and its relation to music, set design, and plot.

DANC 460A-D - Independent Study in Dance .......................1-4 hours  
Prereq: permission of instructor  
Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.

ECON Courses

ECON 100GS - Contemporary Economic Issues......................3 hours  
Prereq: none  
This course is designed to help the student acquire an understanding of the U.S. economic system and its influence on current topics important to everyone. The objective of the course is to provide students with a general understanding of economic principles and how they are applied to issues facing the United States. (Not open to students who have previously completed ECON 270GS, ECON 271GS, or equivalent.)

ECON 270GS - Principles of Economics, Macroeconomics...3 hours  
Prereq: none  
A study of the economic system of the U.S. and the underlying principles of production, labor relations, national income, prices, money and banking, and economic policy.

ECON 271GS - Principles of Economics, Microeconomics...3 hours  
Prereq: none  
This course provides students an introduction to the economic principles and theories which have been developed to explain how firms make decisions on production and input use, how consumers make purchasing decisions, and how firms and consumers interact in the marketplace under differing market conditions. The course prepares students for further study in the field of economics.

ECON 300 - Foundations of Research Methods  
in Economics and Business .............................................2 hours  
Prereq: ECON 270GS or ECON 271GS; BMGT 233* or STAT 241*  
This course is designed to provide students with an introduction to the research process in economics and business. Students will gain experience in research methodology by developing/selecting a research topic/question, conducting a literature review, collecting data, selecting and using an appropriate analytical technique, and constructing a persuasive argument supported by theory and empirical evidence. F.

ECON 314 - Public Finance.................................................3 hours  
Prereq: ECON 270GS, ECON 271GS  
Provides a thorough treatment of major topics relating to government expenditures and tax policies. This course will help students develop an understanding of the economic principles that are most useful in examining the government's role in the economy, particularly those principles economists have found helpful in a microeconomic analysis of tax and expenditure policies.

ECON 318 - History of Economic Thought............................3 hours  
Prereq: ECON 270GS  
A survey of economic thought from Biblical times to Post-Keynesian philosophy. Particular emphasis is placed on the Classical, Marginalist and Marxian schools of economic thought.

ECON 320 - Economic Theory, Intermediate Microeconomics..3 hours  
Prereq: ECON 271GS  
Introduction to microeconomic theory regarding the determination of prices and values.

ECON 321 - Economic Theory, Intermediate Macroeconomics..3 hours  
Prereq: ECON 270GS  
Introduction to macroeconomic theory with emphasis on the determinants of income, employment and economic growth.

ECON 322 - Money and Banking.........................................3 hours  
Prereq: ECON 270GS  
A descriptive and analytical study of the basic principles of money, banking

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>ECON 335</td>
<td>Agricultural Marketing</td>
<td>3 hours</td>
<td>ECON 271GS</td>
</tr>
<tr>
<td>ECON 350</td>
<td>Economics of the Agricultural Sector</td>
<td>3 hours</td>
<td>ECON 270GS, ECON 271GS</td>
</tr>
<tr>
<td>ECON 365</td>
<td>Quantitative Methods</td>
<td>3 hours</td>
<td>ECON 270GS or ECON 271GS</td>
</tr>
<tr>
<td>ECON 380</td>
<td>Tourism Economics</td>
<td>3 hours</td>
<td>ECON 271GS</td>
</tr>
<tr>
<td>ECON 385</td>
<td>Environmental Economics</td>
<td>3 hours</td>
<td>ECON 100GS or ECON 270GS or ECON 271GS</td>
</tr>
<tr>
<td>ECON 395</td>
<td>Labor Economics</td>
<td>3 hours</td>
<td>ECON 271GS</td>
</tr>
<tr>
<td>ECON 398</td>
<td>Farm and Ranch Management</td>
<td>3 hours</td>
<td>ECON 271GS; BACC 250*; passing score on Business Computer Proficiency Examination or completion of BMIS 182GS</td>
</tr>
<tr>
<td>ECON 410</td>
<td>Health Care Economics</td>
<td>3 hours</td>
<td>junior standing or above</td>
</tr>
<tr>
<td>ECON 415</td>
<td>Agricultural Price Analysis</td>
<td>3 hours</td>
<td>ECON 335*, BMGT 233* or STAT 241*</td>
</tr>
<tr>
<td>ECON 430</td>
<td>International Economics</td>
<td>3 hours</td>
<td>ECON 100GS or ECON 270GS or ECON 271GS</td>
</tr>
<tr>
<td>ECON 435</td>
<td>Agricultural Finance</td>
<td>3 hours</td>
<td>ECON 271GS, ECON 398*, BACC 250*</td>
</tr>
<tr>
<td>ECON 445</td>
<td>Industrial Organization</td>
<td>3 hours</td>
<td>ECON 271GS</td>
</tr>
<tr>
<td>ECON 455</td>
<td>Economics of Transportation</td>
<td>3 hours</td>
<td>ECON 271GS</td>
</tr>
<tr>
<td>ECON 475</td>
<td>Internship</td>
<td>1-15 hours</td>
<td>ECON 270GS or ECON 271GS</td>
</tr>
<tr>
<td>ECON 485</td>
<td>Senior Seminar</td>
<td>1 hour</td>
<td>ECON 300, senior standing</td>
</tr>
<tr>
<td>ECON 499</td>
<td>Independent Study and Research in Economics</td>
<td>1-6 hours</td>
<td>none</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

ECON 415 - Agricultural Price Analysis: This course focuses on the role of prices and pricing mechanisms in coordinating activities between the vertical levels of the agricultural marketing system. Focusing on the application of economic principles in the price discovery process, this course is designed to foster skill development in the basic quantitative methods used in market and price analysis and price forecasting and for students to gain an understanding of the different factors that influence prices in the agricultural sector and the alternative pricing arrangements that exist for agricultural commodities.

ECON 430 - International Economics: Introduction to the international economy: the theory of international trade, the balance of payments, economic growth and financial commercial policy.

ECON 435 - Agricultural Finance: Financial management in agriculture is concerned not only with the acquisition and use of financial resources, but also the protection of equity capital from various sources of risk. This course focuses on the financial requirements of farms, ranches, and agribusiness firms, and the decision-making process used in evaluating the credit needs and repayment capacity from both the manager’s and lenders perspectives. Focusing on the application of economic principles in making financial decisions, this course provides students with experience in evaluating risk by analyzing financial statements, cash flow budgets, and capital budgets, an understanding of the sources of agricultural credit, and acquaints the student with some of the special issues associated with financial management in the agricultural environment.

ECON 445 - Industrial Organization: This course is concerned with the behavior of firms and the resulting effects on market outcomes and welfare. As such it analyzes firm behavior and market structure within a single industry and discusses the challenges associated with regulation/deregulation of industries and the implementation of antitrust policy.

ECON 455 - Economics of Transportation: Nature, role and regulation of transportation, and current economic, legal and policy problems in the field of transportation.

ECON 475 - Internship: A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Economics Department and personnel of selected industries. Work experience includes an acceptable type of wage earning employment in business, manufacturing or processing industry approved by the coordinator.

ECON 485 - Senior Seminar: This capstone course is designed to allow students to apply economic theory and appropriate methodology to a selected topic. Taught in a seminar style, the course will allow students to demonstrate their knowledge of economics, their ability to write effectively, and their ability to communicate effectively by making a professional-level presentation using best available technology.

ECON 499 - Independent Study and Research in Economics: Individual research under the supervision of a faculty member of the department and approved by the Department Chairman. Topics to be investigated may be tailored to fit the needs of the student.
ENG 100A - Introduction to Expository Prose .......................... 3 hours
Prereq: none
An introduction to the challenge of reading and writing academic prose. The course encourages students to become more analytical, interpretative, and self-conscious of the persuasive motives of writing. Students learn to develop, organize, and express complex ideas that are appropriate for the academic context. Study of the writing processes will include multiple drafts, revision, invention, and critical thinking strategies.

ENG 101GS - Expository Writing I ................................. 3 hours
Prereq: ENG 100A or English ACT score of 15 or above
A study of the art of composition with special emphasis on the writing process and on essay form. Students study methods of invention and arrangement and hone their stylistic, grammatical, and punctuation skills.

ENG 214 - Beginning Fiction Writing ............................... 3 hours
Prereq: none
Study of the techniques and materials of prose fiction. Primarily, the course examines fiction written by the class members. Some published contemporary stories are included in the reading. Reading fiction well is as important an objective as writing well.

ENG 217 - Beginning Poetry Writing .................................. 3 hours
Prereq: none
A close reading of poems written by students to discover what poems mean. This means a study of how versification contributes to or detracts from the paraphrasable content of a poem.

ENG 234GS - Reading and Writing about Literature .......... 3 hours
Prereq: ENG 102GS*
An introduction to the principles of close reading, the interpretation, and the criticism of literary texts. Prerequisite for all 300 and 400 level courses intended to count toward the major. Required of all undergraduate English majors. Prior completion of ENG 101GS* and ENG 102GS* is strongly recommended.

ENG 235HGS - American Studies ...................................... 3 hours
Prereq: ENG 102GS*
General Studies course for Honors students. Students will employ the techniques of interdisciplinary studies to arrive at an understanding of American culture. They will focus on problem(s) in American life which may range from local to international and may deal with any or all time periods. Subject matter from a variety of disciplines will help illuminate the problem being studied.

ENG 240HGS - Literary Classics of the Western World-Honors .......................................................... 3 hours
Prereq: ENG 102GS*
A General Studies course for Honors students. Introduction to major works of literature ranging from classical antiquity to the present. Authors, genres, and periods will vary. Emphasis will be placed on close reading and comparative analysis, as well as the question of how to define a classic.

ENG 250GS - Introduction to Literature: British Literature ....... 3 hours
Prereq: ENG 102GS*
Introduction to authors, genres, and periods from the British literary tradition. Some emphasis will be placed on recurring themes, literary devices, and close reading of texts.

ENG 251GS - Introduction to Literature: American Literature .. 3 hours
Prereq: ENG 102GS*
American literary texts and backgrounds and perspectives helpful in reading them. Students acquire the skills to interpret these texts and to express their interpretation in forms of discourse suitable to an academic setting.

ENG 252GS - Introduction to Literature: Western Civilization .. 3 hours
Prereq: ENG 102GS*
Examines representative literary works from the ancient to the modern world.

ENG 253GS - Introduction to Literature: Non-Western Civilization .......................................................... 3 hours
Prereq: ENG 102GS*
Examines representative literary works from the ancient to the modern world which have either shaped or reflected contemporary thought and are thus important to what are generally identified as non-Western cultures.

ENG 254GS - Introduction to Literature: Special Topics ......... 3 hours
Prereq: ENG 102GS*
Introduces types of literature and techniques used in writing and reading texts; works will differ in genre, style, source, and context from section to section.

ENG 260 - Images of Women in Literature ........................... 3 hours
Prereq: ENG 102GS*
An introduction to the study of images of women in various genres of literature. Works of fiction, poetry, and drama written by women will be studied and discussed.

ENG 280HGS - Special Topics ........................................... 3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

ENG 303 - Introduction to Linguistics .................................. 3 hours
Prereq: none
A course designed to study language in the manner of the structuralists. It includes introductory phonology, morphology, and syntax. Also included is a study of geographical and social dialect.

ENG 304 - Grammar I ..................................................... 3 hours
Prereq: none
The purpose of the course is to develop the ability to observe, analyze, and articulate the structure of language, including the morphological character

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 311</td>
<td>Advanced Writing I</td>
<td>3 hours</td>
<td>Prereq: ENG 102GS*</td>
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<tr>
<td></td>
<td>A study of writing processes as they have been described by professional</td>
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<td></td>
<td>writers and rhetoricians. The purposes of this course are to familiarize</td>
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<td></td>
<td>students with various conceptions of the writing process, to introduce them</td>
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<td></td>
<td>to composition research methods, and to give them ample opportunity to</td>
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<td></td>
<td>investigate and experiment with various writing strategies.</td>
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<tr>
<td>ENG 312</td>
<td>Writing in the Professions</td>
<td>3 hours</td>
<td>Prereq: ENG 102GS*</td>
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<tr>
<td></td>
<td>Applies writing skills to professional situations, with special emphasis</td>
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<td>given to audience analysis, collaborative writing, and technical document</td>
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<td>formats. Students study selected professional documents such as letters,</td>
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<td></td>
<td>memos, resumes, proposals, reports, and professional articles.</td>
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<tr>
<td>ENG 320</td>
<td>Creative Play/Script Writing</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>Formal differences of the drama and screenplay are studied extensively</td>
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<td></td>
<td>while writers also concentrate on the methods and principles of dramatic</td>
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<td></td>
<td>adaptation of literary narratives.</td>
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<tr>
<td>ENG 330</td>
<td>European Literature in Translation</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>This course will examine the writings of European writers in translation.</td>
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<td></td>
<td>The texts selected may range from classic to contemporary and represent</td>
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<tr>
<td></td>
<td>a wide range of peoples and cultures.</td>
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<tr>
<td>ENG 333</td>
<td>Non-Western Literature in Translation</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>This course will examine the writings of non-Western authors in translation.</td>
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<td></td>
<td>Often, these authors dramatize the conflicts between traditional</td>
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<td></td>
<td>cultural beliefs and the effects of modern telecommunications,</td>
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<td></td>
<td>industrialization, and consumerism. The texts selected will represent a</td>
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<tr>
<td></td>
<td>wide range of peoples and cultures responding to such developments</td>
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<tr>
<td></td>
<td>as “globalization” and “post colonialism.”</td>
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<tr>
<td>ENG 336</td>
<td>Ancient Literatures</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>Critical study of the uses of literary genres, in the Bible or in other</td>
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<td>ancient literatures (and in the subsequent literatures following a</td>
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<td></td>
<td>particular ancient form), with attention to both unity and diversity of</td>
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<td></td>
<td>voice, style, and structure.</td>
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<tr>
<td>ENG 337</td>
<td>Special Topics in Popular Literature</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
</tr>
<tr>
<td></td>
<td>A study of popular literary taste as reflected in such genres as the</td>
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<td>detective story, science fiction, adult fantasy, and others.</td>
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</tr>
<tr>
<td>ENG 338</td>
<td>Studies in a Literary Genre</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>Historical and critical study of a selected genre such as poetry, drama,</td>
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<td>the novel, the short story, autobiography, focusing on a variety of</td>
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<td></td>
<td>representative works in the literary genre being studied.</td>
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<tr>
<td>ENG 352A</td>
<td>Survey of U.S. Literature I</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
</tr>
<tr>
<td></td>
<td>An historical and critical study of major American writers to the mid-</td>
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<tr>
<td></td>
<td>nineteenth century.</td>
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<tr>
<td>ENG 352B</td>
<td>Survey of U.S. Literature II</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>An historical and critical study of major American writers from the mid-</td>
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<td></td>
<td>nineteenth century to the present.</td>
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<tr>
<td>ENG 358</td>
<td>Literature of the American West</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<td></td>
<td>An introduction to the study of Western writers selected from a time period extending from the Native American oral tradition to contemporary poetry, fiction, nonfiction, and drama. Several Nebraska authors will be studied as well as works by women, Chicano, and Native American writers.</td>
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<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Literature</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>This course will examine “multiculturalism” and how it has impacted</td>
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<td></td>
<td>American literature. Readings will include philosophical, historical,</td>
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<td></td>
<td>and political approaches to multiculturalism. Students will read a wide</td>
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<td></td>
<td>variety of contemporary American ethnic literatures, including writings</td>
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<td></td>
<td>by Native American, African American, Hispanic American, and Asian</td>
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<td></td>
<td>American authors.</td>
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<tr>
<td>ENG 360</td>
<td>American Women Writers</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>Surveys American women’s writings from early captivity narratives to</td>
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<td>contemporary avant-garde poetry.</td>
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<tr>
<td>ENG 362A</td>
<td>Survey of British and Commonwealth Literature I</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>An historical and critical study of major British and Commonwealth writers</td>
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<td></td>
<td>through the Restoration and eighteenth century.</td>
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<tr>
<td>ENG 362B</td>
<td>Survey of British and Commonwealth Literature II</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
</tr>
<tr>
<td></td>
<td>An historical and critical study of major British and Commonwealth writers</td>
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<td></td>
<td>beginning with the Restoration and eighteenth century.</td>
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<tr>
<td>ENG 373</td>
<td>Film as Literature</td>
<td>3 hours</td>
<td>Prereq: ENG 102GS*</td>
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<tr>
<td></td>
<td>The study of film adaptation of short story. Students compare and contrast</td>
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<td></td>
<td>the verbal conventions of fiction with the visual conventions of film. The</td>
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<td></td>
<td>semester ends with the students collaborating on a screenplay.</td>
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<tr>
<td>ENG 374</td>
<td>History of the Motion Picture</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<tr>
<td></td>
<td>A survey of the origins and development of the English language, with</td>
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<td>special emphasis on modern methods of linguistic study.</td>
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<tr>
<td>ENG 404</td>
<td>History of the English Language</td>
<td>3 hours</td>
<td>Prereq: ENG 234GS or department permission</td>
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<td></td>
<td>The methods and principles of literary criticism with special attention to</td>
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<td>critical vocabulary and the various strategies of reading literary texts.</td>
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<tr>
<td>ENG 411</td>
<td>Advanced Writing II</td>
<td>3 hours</td>
<td>Prereq: ENG 102GS*</td>
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<td></td>
<td>A study of writing as a social act. Students study theoretical descriptions</td>
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<td>of rhetorical genre, audience, and situation. Besides writing papers that</td>
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<td>discuss these theories, students also practice writing in a situated</td>
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<td>rhetorical context and may be asked to work collaboratively.</td>
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<tr>
<td>ENG 415</td>
<td>Advanced Fiction Writing</td>
<td>3 hours</td>
<td>Prereq: ENG 214; ENG 215* or ENG 217</td>
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<tr>
<td></td>
<td>Further study of the techniques of prose fiction, concentrating on</td>
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<td>stylistics. Student manuscripts, written for the course, will provide most of the examples for study. Contact department for permission to register.</td>
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<tr>
<td>ENG 419</td>
<td>Advanced Poetry Writing</td>
<td>3 hours</td>
<td>Prereq: ENG 217; ENG 214 or ENG 215*</td>
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<tr>
<td></td>
<td>An advanced course in writing lyric poetry. Students concentrate upon</td>
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<td>their own style and subject matter. Contact department for permission to</td>
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<td></td>
<td>register.</td>
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</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
ENG 422 - Language for the Elementary Teacher ..........3 hours
Prereq: ENG 102GS*
This course is a practical survey of the current findings in language as they pertain to the Language Arts teacher. The topics it examines have been under discussion for some time and form a solid part of the developing body about the English language, particularly as related to the traditional responsibilities of the Language Arts teacher.

ENG 423 - Reading Problems of Secondary Schools ..........3 hours
Prereq: ENG 102GS*
This course proposes to enable teachers of English and other content areas to deal with those students who have reading problems as well as to increase reading ability in all students.

ENG 424 - Teaching Secondary School English...............3 hours
Prereq: 15 hours of ENG beyond the freshman level
Content and the teaching of language, literature, and composition in the secondary school.

ENG 425 - Children’s Literature..........................3 hours
Prereq: ENG 234GS or ENG 235HGS* or ENG 240HGS*
or ENG 250GS* or ENG 251GS* or ENG 252GS* or ENG 253GS*
or ENG 254GS* or ENG 280HGS or department permission
A study of texts recommended to and/or popular among children, informed by readings of literary criticism and historical discourses on childhood.

ENG 426 - Literature for Adolescents ......................3 hours
Prereq: ENG 234GS or ENG 235HGS* or ENG 240HGS*
or ENG 250GS* or ENG 251GS* or ENG 252GS* or ENG 253GS*
or ENG 254GS* or ENG 280HGS or department permission
A study of texts recommended to and/or popular among adolescents and young adults, informed by readings of literary criticism and historical discourses on youth.

ENG 427 - Electronic Literacy ................................3 hours
Prereq: ENG 234GS or department permission
Students will explore ways of teaching English in the new electronic environment and examine the implications of the electronic environment on traditional curriculum and pedagogy.

ENG 442 - Colonial/Early American Literature .......3 hours
Prereq: ENG 234GS or department permission
Surveys the emergence and development of Colonial and early U.S. national literature, from approximately 1620-1820, by examining the evolution of ideas about U.S. culture, society, and national identity as expressed in early American writers’ fiction, poetry, drama, autobiography, essays, and journals.

ENG 444 - Seminar in American Realism ................3 hours
Prereq: ENG 234GS or department permission
A study of works of literary realism. The seminar focuses on literary responses to contemporary issues and explores the intersection of art and social conscience.

ENG 445 - Seminar in Early 20th Century American Literature..3 hours
Prereq: ENG 234GS or department permission
Each student will develop an in-depth project applying particular critical methodologies to a body of works representative of the American literary culture of the first half of the twentieth century. This seminar focuses primarily on American literary texts representative of late realism and early modernism, focusing on the growing awareness of indeterminacy and the role imaginative works might play in ordering reality. Students will produce a major paper, demonstrating their progress through the major.

ENG 447 - Seminar in Post-World War II American Literature...3 hours
Prereq: ENG 234GS or department permission
This seminar focuses primarily on American literary texts representative of late modernism and post-modernism and focusing on the growing awareness of America as a multivalent, multiracial, multiethnic society. Each student will develop an in-depth project applying particular critical methodologies to the selected works. Students will produce a major paper, demonstrating their progress through the major.

ENG 450 - Seminar in World Literature ..................3 hours
Prereq: ENG 234GS or department permission
A study of selected works in translation. Works will vary from semester to semester.

ENG 458 - Great Plains Studies..............................1-3 hours
Prereq: none
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on “prairie.”

ENG 460 - Topics: Women’s Literature.....................3 hours
Prereq: ENG 234GS or department permission
Investigates in-depth topics and issues related to literature by and about women.

ENG 462 - Early/Middle English Literature ...............3 hours
Prereq: ENG 234GS or department permission
Readings in special topics drawn from early/middle English literature.

ENG 463 - Seminar in Shakespeare .......................3 hours
Prereq: ENG 234GS or department permission
Advanced course in Shakespeare’s dramatic works focused on genre, language, characterization, and theater. Criticism, film analysis, and reader’s theater will enhance students’ readings of the plays.

ENG 464 - Seminar in the Renaissance and Eighteenth Century................3 hours
Prereq: ENG 234GS or department permission
A study of the rise and decline of neoclassicism in non-dramatic literature from Dryden to Burns.

ENG 467 - Seminar in Romanticism ......................3 hours
Prereq: ENG 234GS or department permission
Readings in special topics drawn from the Romantic literature of Western cultures. Emphasis can be on particular writers, genres, or critical issues.

ENG 468 - Seminar in Victorian Literature ..............3 hours
Prereq: ENG 234GS or department permission
A study of selected British prose and poetry from approximately 1830 to 1900.

ENG 469 - Seminar in Modernism .........................3 hours
Prereq: ENG 234GS or department permission
Specific topics will vary at each offering: topics will be based on specific author(s), themes/motifs, etc. The scope of the seminar is literature of international modernism (c. 1891-1950) written in English.

ENG 471 - Seminar in Rhetoric .........................3 hours
Prereq: ENG 102GS, ENG 234GS; an upper division writing course
OR department permission
A capstone seminar in rhetoric designed to introduce students to rhetorical
ENG 474 - Postmodern/Contemporary British Literature 3 hours
Prereq: ENG 234GS or department permission
A study of the major, international post-modernist texts written in English (exclusive of the U.S.). The course takes aim at the transnational and cross-genre post-modern elements of the texts. At each offering, a specific genre will be emphasized.

ENG 480 - Ft. Kearny Writers' Workshop 1-3 hours
Prereq: none
A workshop in creative writing for those who would like to improve their abilities in writing poetry, fiction, and drama.

ENG 481 - Plains Literature Institute 1-3 hours
Prereq: none
This course proposes to study major Western and Plains writers either individually, by theme, or by genre. Writers might include Nebraskan or regional writers.

ENG 483 - Film Institute 1-3 hours
Prereq: none
A study of the film in both its aesthetic as well as historical dimensions. Students will examine the development of film as both art and mass entertainment in addition to studying the various critical methods of interpreting the film.

ENG 490 - Special Topics 1-3 hours
Prereq: none
Specific topics in literature which are not covered in other departmental offerings. Format of the course will vary according to topic, instructor, and needs of the student.

ENG 499 - Individual Research 1-3 hours
Prereq: ENG 234GS or department permission
Independent study under the supervision of a major professor of language or literature.

ETHS 101GS - Introduction to Ethnic Studies 3 hours
Prereq: none
This course focuses on the historical development, perspectives, and cultural expressions of U.S. minority groups. Consideration will be given to key concepts including race, ethnicity, nationality, class and power, and the interactions among them.

ETHS 370 - Research in Ethnic Studies 3 hours
Prereq: ETHS 101GS
Under faculty guidance, students will conceive and carry out a semester-long project of research or creative activity in Ethnic Studies. It may be possible to cross-list this research course with compatible research/independent study courses from other disciplines.

ETHS 450 - Senior Seminar in Comparative Ethnic Studies 3 hours
Prereq: ETHS 101GS, ETHS 370
A capstone course for students minoring in Ethnic Studies. Utilizing the projects developed by students in ETHS 370*, this interdisciplinary seminar will draw connections between prior Ethnic Studies courses and student research while examining contemporary theory, issues, and events through lecture and seminar discussion.

FORL Courses

FORL 110 - Introduction to a Language & Culture 1-3 hours
Prereq: none
This course is an introduction to a particular language of the world (e.g. Arabic, Russian) and the culture associated with it. The language chosen will not be one that UNK regularly offers, nor will this one semester course count for General Studies credit or for the B.A. requirement. May be taken for two different languages. Offered Occasionally.

FORL 300A-D - Foreign Language Practicum 1-4 hours
Prereq: 200-level course or equivalent
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.

FORL 308 - Seminar in Translation I 3 hours
Prereq: a 300-level course in French, German or Spanish OR equivalent
Teaches the theory and practice of translation. Offered in Fall.

FORL 309 - Seminar in Translation II 3 hours
Prereq: a 300-level course in French, German or Spanish literature
Continues the study of translation theory and practice. Offered in Spring.

FORL 337 - Seminar on Foreign Film 3 hours
Prereq: none
The study of a series of films produced in France and/or Francophone countries, German-speaking countries, Spain and/or Latin America (or a combination thereof). (Generally taught concurrently with FREN 337*, GERM 337* or SPAN 337*) Offered occasionally.

FORL 357 - Seminar on Women in a Foreign Literature 3 hours
Prereq: none
A study of women writers from France and/or Francophone countries, German-speaking countries, Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. (Generally taught concurrently with FREN 357*, GERM 357* or SPAN 357*) Offered occasionally.

FORL 401 - Multicultural Understanding 1 hour
Prereq: none
Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity.

FORL 409 - Interpretation I 3 hours
Prereq: FORL 308, FORL 309
OR equivalent, demonstrable knowledge
A study of interpretation theory and intensive practice of interpretation skills. Offered in Spring.

FORL 410 - Interpretation II 3 hours
Prereq: SPAN 304, FORL 409 OR permission of the instructor
A continuation of FORL 409, Interpretation I, with more advanced practice in consecutive interpreting and working in both directions.

FORL 470 - TESOL 3 hours
Prereq: none
Theoretical foundations and sociolinguistic context of ESL teaching.

FORL 472 - Foreign Language Pedagogy 3 hours
Prereq: admission to Teacher Education or permission of the department
Current trends in foreign language teaching and learning with emphasis on theory and practice.

FORL 499 - Independent Studies in Foreign Languages 1-3 hours
Prereq: approval by the department and instructor
Directed research in foreign language education and methodology or translation. Students are not to take this course when a class course is available.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 100</td>
<td>Beginning French I</td>
<td>5</td>
<td>none</td>
<td>Elementary grammar, conversation, reading and composition in French. Offered in Fall.</td>
</tr>
<tr>
<td>FREN 101</td>
<td>Beginning French II</td>
<td>5</td>
<td>FREN 100 or equivalent</td>
<td>A continuation of FREN 100. Offered in Spring.</td>
</tr>
<tr>
<td>FREN 102</td>
<td>French for Travel</td>
<td>3</td>
<td>none</td>
<td>A course for renewing or gaining practical speaking skill in French for the prospective business person or traveler to French-speaking countries. Offered occasionally.</td>
</tr>
<tr>
<td>FREN 175</td>
<td>French Study Abroad I</td>
<td>3-6</td>
<td>Prereq: none</td>
<td>A beginning level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>FREN 176</td>
<td>French Study Abroad II</td>
<td>3-6</td>
<td>Prereq: none</td>
<td>A beginning level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>FREN 200GS</td>
<td>Intermediate French I</td>
<td>3</td>
<td>Prereq: FREN 101* or equivalent</td>
<td>Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world. Offered in Spring.</td>
</tr>
<tr>
<td>FREN 201GS</td>
<td>Intermediate French II</td>
<td>3</td>
<td>Prereq: FREN 101* or equivalent</td>
<td>Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world. Offered in Spring.</td>
</tr>
<tr>
<td>FREN 275</td>
<td>French Study Abroad II</td>
<td>3-6</td>
<td>Prereq: FREN 101* or equivalent</td>
<td>An intermediate level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>FREN 276</td>
<td>French Study Abroad II</td>
<td>3-6</td>
<td>Prereq: FREN 101* or equivalent</td>
<td>An intermediate level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>FREN 303</td>
<td>French Phonetics</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>Practice in developing native pronunciation with emphasis on correcting difficulties encountered by Americans.</td>
</tr>
<tr>
<td>FREN 304</td>
<td>Culture, Conversation, Composition</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>A study of contemporary French culture as a topic for improving students’ proficiency in written and spoken French.</td>
</tr>
<tr>
<td>FREN 305</td>
<td>Study of French Civilization</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>French life, institutions and philosophies, intended as a background for further studies in French literature.</td>
</tr>
<tr>
<td>FREN 333</td>
<td>Commercial French</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>A course for students who wish to master the essential vocabulary and style specific to business in France and the Francophone world.</td>
</tr>
<tr>
<td>FREN 337</td>
<td>Seminar on French/Francophone Film</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>The study of a series of films produced in France and/or Francophone countries. Offered occasionally.</td>
</tr>
<tr>
<td>FREN 354</td>
<td>Survey of French Literature I</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>A chronological study of landmarks in literature from the Middle Ages to 1750. It is highly recommended that students take these survey courses before other courses in literature.</td>
</tr>
<tr>
<td>FREN 355</td>
<td>Survey of French Literature II</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>Continuation of 354-a continuation of the study of important literary works, authors and movements in literature.</td>
</tr>
<tr>
<td>FREN 357</td>
<td>Seminar on Women in French/ Francophone Literature</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>A study of women writers from France and/or Francophone countries or a study of the depiction of women in one or more of these literatures. Offered occasionally.</td>
</tr>
<tr>
<td>FREN 359</td>
<td>Survey of French Literature II</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>An intermediate level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>FREN 401</td>
<td>Advanced Composition and Grammar Review</td>
<td>3</td>
<td>Prereq: a 300-level FREN course</td>
<td>A thorough review of various kinds of French writing. (A requirement for all French majors.) Offered occasionally.</td>
</tr>
<tr>
<td>FREN 420</td>
<td>The French Novel I</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>The novel and study of its development in France (1600-1850). Offered occasionally.</td>
</tr>
<tr>
<td>FREN 421</td>
<td>The French Novel II</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>The study of the novel from 1850 to the present. (May be taken without 420.) Offered occasionally.</td>
</tr>
<tr>
<td>FREN 460</td>
<td>History of the French Language</td>
<td>3</td>
<td>Prereq: FREN 303*, FREN 401*</td>
<td>A study of the development of the language since its origins and as related to the phonetic and linguistic changes throughout the different literary periods in France and the Francophone world. Offered occasionally.</td>
</tr>
<tr>
<td>FREN 470</td>
<td>Seminar in French/Francophone Studies</td>
<td>3</td>
<td>Prereq: FREN 201GS*</td>
<td>The study of literary works and cultural contexts. Topic to be selected and announced in schedule of courses. May be taken more than once. Offered occasionally.</td>
</tr>
<tr>
<td>FREN 475</td>
<td>French Study Abroad IV</td>
<td>3-6</td>
<td>Prereq: a 300-level FREN course</td>
<td>An advanced level study of French language and culture taught in a French-speaking country. Offered in Summer.</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td>FSID 108GS</td>
<td>Introduction to Nutrition</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 110GS</td>
<td>Introduction to Nutrition</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 122</td>
<td>Architectural Drafting and Design</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 128</td>
<td>Application of Basic Design to Interior Design</td>
<td>3 hours</td>
<td>ART 118</td>
</tr>
<tr>
<td>FSID 150</td>
<td>Lifespan Development and the Family</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 151GS</td>
<td>Human Sexual Behavior</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 160GS</td>
<td>Personal Money Management</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 200</td>
<td>Textiles</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 207</td>
<td>History of Interiors I</td>
<td>3 hours</td>
<td>FSID 208*, FSID 265* OR permission</td>
</tr>
<tr>
<td>FSID 208</td>
<td>Interior Design Graphics</td>
<td>3 hours</td>
<td>FSID 108GS, FSID 122, FSID 128*, ART 118</td>
</tr>
<tr>
<td>FSID 209</td>
<td>History of Interiors II</td>
<td>3 hours</td>
<td>FSID 207</td>
</tr>
<tr>
<td>FSID 250</td>
<td>Infant Development</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 253</td>
<td>Child and Adolescent Development</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 260</td>
<td>Application of CAD for Interior Design</td>
<td>3 hours</td>
<td>FSID 122, FSID 260*</td>
</tr>
<tr>
<td>FSID 265</td>
<td>Application of CAD for Construction Documents</td>
<td>3 hours</td>
<td>FSID 122, FSID 260*</td>
</tr>
<tr>
<td>FSID 280</td>
<td>Field Experience: Diversity in the Profession</td>
<td>2 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 302</td>
<td>Parent Education</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 305</td>
<td>Residential Kitchen and Bath Design</td>
<td>3 hours</td>
<td>FSID 128*, FSID 208*, FSID 260* OR permission</td>
</tr>
<tr>
<td>FSID 306</td>
<td>Theory and Application of Lighting and Acoustic in Interior Design</td>
<td>3 hours</td>
<td>FSID 208*, FSID 265*</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
FSID 307 - Furniture, Finishes, Materials and Components of Interior Architecture ..........................3 hours
Prereq: FSID 128*, FSID 200, FSID 208*, FSID 209*, FSID 260*
OR permission
Study of selection, care, and use of furniture, finishes, materials, and components of residential and contract interior architecture to solve design problems. Includes environmental, economic, and universal design concerns, testing standards, and cost estimating. Computer spreadsheet software is used.

FSID 308 - Comparative Studies in Housing and Families ....3 hours
Prereq: none
Housing requirements of today’s families, housing laws, the housing industry and home ownership.

FSID 309 - Interior Design Studio I: Programming, Space Planning and Predesign of Interiors ..............3 hours
Prereq: FSID 128*, FSID 208*, FSID 209*, FSID 265*
The study and application of the programming process and space planning. Includes anthropometrics, ergonomics, proxemics, and the psychological and social influences of use and planning of space. Incorporates Americans with Disabilities Act, Occupancy, Exiting, and Building Codes as applied to Interior Space Planning for Residential and Commercial Interiors. CAD software is integrated. Studio fee.

FSID 312 - Housing Interiors for Special Needs Populations....2 hours
Prereq: FSID 305*
Principles and elements of interior design as it applies to special needs populations with emphasis on the elderly, handicapped and ADA regulations.

FSID 313 - Renovation and Restoration of Interiors ............2 hours
Prereq: ITEC 122
Principles and elements of design for renovation of existing residential structures for better utilization of existing space and/or plan for additional space based on requirements of restoration and preservation of furnishings of historically significant interiors.

FSID 316 - Interior Design Studio II: Interior Design of Small Projects ............................................3 hours
Prereq: FSID 305*, FSID 306*, FSID 307*, FSID 309*
The study and application of interior design knowledge, skills, processes, and theories to interior design projects.Includes programming and schematic design. Concentrates on design development of interior spaces. Includes multidisciplinary experiences and incorporates the relationship of human behavior and the built environment. (Studio fee $30.00)

FSID 340 - Family Life Education .................................................3 hours
Prereq: none
Open to any student who would like to be better prepared to teach a comprehensive health and family life course. This course encompasses the concepts of the counselor-teacher role; specific techniques and materials available in the teaching-learning process.

FSID 351GS - Marriage and Family Relationships ..............3 hours
Prereq: none
A course designed to help the individual develop some very personal insight and a sensitive awareness about the feelings and meanings of relationships in love, marriage and family relationships.

FSID 362 - Families and Social Policy .................................3 hours
Prereq: none
The Study of social policy and its impact on families.

FSID 395 - Individual Studies in FSID .................................1-3 hours
Prereq: approval of department
Independent study of Family Studies and Interior Design to meet the needs of the student. For majors only.

FSID 401 - Interior Design Studio III: Nature and Design of Residential Interiors ..............................3 hours
Prereq: FSID 316*
The elements of interior space to create habitable-functionally fit, aesthetically pleasing, and psychologically satisfying residential interior environments. Incorporates special spatial needs analysis and design solutions for universal design for residential interiors. Concentrates on advanced programmatic design development, and presentation of studio projects involving residential interiors. Emphasizes advanced design of kitchens and bathrooms. Includes trends in residential design for human well being. Integrates CAD software. (Studio fee $30.00)

FSID 402 - Selected Readings in Family Studies ..................3 hours
Prereq: FSID 150, junior standing
Analysis of major studies and current literature.

FSID 404 - Family Studies Professional Practice ...............1 hour
Prereq: FSID 280; junior or senior standing
Research/grant acquisition and career preparation.

FSID 406 - Family Resource Management ..........................3 hours
Prereq: none
Theory and experiences in management dealing with the problems of individual and family living.

FSID 407 - Interior Design Studio IV: Contract Interior Design .................................................3 hours
Prereq: special permission
A study of business procedures, including professional duties and responsibilities related to the field of interior design. Emphasis is on creative problems related to commercial and residential interiors, planning, correlation and presentation. (Studio fee $30.00)

FSID 446 - Professional Practice of Interior Design ............3 hours
Prereq: special permission
Study of ethics and principles of professional practice of interior design, and management of interior design projects. Production and administration of specific contract documents needed to practice interior design; including cost estimating, bidding procedures, owner-designer agreements, contractor-client agreements, and construction specifications. Strategies for sitting for the Cord, CBD, and NCIDQ are included. Includes Final Portfolio Review. Computer spreadsheet software is integrated.

FSID 450 - The Aging Adult .................................................3 hours
Prereq: none
A study of the interrelationships of the common factors concerning aging, the major objective being understanding of the individual during the later stages of the family life cycle.

FSID 465 - Advanced Study of Sexual Behaviors ..............3 hours
Prereq: junior or senior standing
An in-depth survey of human sexual behavior from psychological, sociological, biological, ethological, historical, and economic perspectives.

FSID 475 - Internship .........................................................1-9 hours
Prereq: none
Internship is defined as a set of variable experiences, inter or intra-institutions to include clinical or work-related experiences. The purpose of this course is to provide experiences in the various areas of Family Studies and Interior Design. It provides students with opportunities for broader experience and enables them to develop competencies which meet requirements of professional accrediting agencies.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 101GS</td>
<td>Physical Geography I: The Atmosphere</td>
<td>4 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 102GS</td>
<td>Physical Geography II: The Lithosphere</td>
<td>4 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 103GS</td>
<td>The Dynamic Planet: Hazards in the Environment</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 104GS</td>
<td>World Regional Geography</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 300</td>
<td>Map Investigation</td>
<td>3 hours</td>
<td>GEOG 102GS or GEOG 207GS</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Soil</td>
<td>3 hours</td>
<td>GEOG 102GS or GEOG 207GS</td>
</tr>
<tr>
<td>GEOG 306</td>
<td>Geomorphology</td>
<td>3 hours</td>
<td>GEOG 102GS or GEOG 207GS</td>
</tr>
<tr>
<td>FSID 481</td>
<td>Cross-Cultural Family Patterns</td>
<td>3 hours</td>
<td>none</td>
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<tr>
<td>FSID 486</td>
<td>Families in Crisis</td>
<td>3 hours</td>
<td>FSID 351GS, junior standing</td>
</tr>
<tr>
<td>FSID 490</td>
<td>Special Problems in Family Studies and Interior</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>FSID 492</td>
<td>Advanced Developmental Theory</td>
<td>3 hours</td>
<td>senior standing</td>
</tr>
<tr>
<td>GEOG 102GS</td>
<td>Human Geography</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 106GS</td>
<td>Geography of the United States and Canada</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 206GS</td>
<td>Physical Geology</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 207GS</td>
<td>Meteorology</td>
<td>3 hours</td>
<td>MATH 102* or permission of instructor</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

This course is an introduction to the world’s major regions, using a systematic analysis of physical and cultural phenomena. The aim is to explore the globe: its biophysical environments, and more importantly the patterns of cultural organization that give character to place. By the end of the course, students should be able to locate almost any country in the world, and have a basic understanding of its physical and population characteristics, economic development, agriculture, environmental issues, and predominant religious, ethnic, linguistic, and political divisions.

This introductory course examines the interrelationships between humans, their different cultures, and the natural world. The focus of the course will be on the processes, both natural and cultural, that cause the spatial distribution of humans (where they are and are not) as well as their particular activities on the Earth’s surface. These processes include, but are not limited to, the geography of culture, population, language, religion, rural and urban change, plus economic, political, and social imprints.

An introductory geology course which studies internal/tectonic earth processes, plate tectonics, mountain building, the geologic elements of landscape formation and the underlying rocks and structures. Included in the course are studies of earth history; earthquakes, volcanoes, geologic natural hazards, a survey of minerals and rocks and economic geologic resources.

A four-day field study with travel to the front range of the Colorado Rockies. Centers on the observation of a variety of geologic as well as geographic and ecologic phenomena. Offered in Fall.

A comprehensive introduction to map usage. Aspects to be covered will include: types of maps, map reading and interpretation, and where to acquire maps. This course is designed for students of all disciplines who are interested in maps or would find a knowledge of maps useful in their careers.

An introductory analysis of various aspects of soil science. Topics will include: soil formation, morphology, classification, distributional patterns, and agricultural aspects of soil science.

Systematic analysis of the processes interacting on the surface of the earth which produce the variety of landforms and structures of the landscape.
Emphasis is placed on the interpretation of landforms through the analysis of topographic maps and associated materials.

**GEOG 309 - Climatology** ................................................. 3 hours  
Prereq: GEOG 101GS  
Topics will include: Bioclimatology, agricultural and urban climatology, climatic change and modification, and a comparative analysis of climatic classification schemes. Designed for students wishing to acquire a greater understanding of the relationships of the climate to human occupancy patterns and the natural environment.

**GEOG 310 - Cartography** ............................................. 3 hours  
Prereq: none  
This course is designed to develop skills in the conception, design, and construction of thematic maps. Included will be a brief introduction to data acquisition and manipulation. Primarily for the geography major, cartography may be a useful course for certain others as well. Approximately 1 hour of lecture and 5 hours of lab per week.

**GEOG 315 - Geographic Information Systems - Principles and Concepts** ........................................... 4 hours  
Prereq: junior or senior standing or permission of instructor  
This is an introductory course in GIS emphasizing the concepts, basic theory, spatial problem solving, and principles of GIS using both raster and vector data models in a PC environment. It is intended as a foundational course for those who are seeking to: major/minor in spatial analysis or work in the field of GIS. Students should have basic computer skills.

**GEOG 316 - GIS - Working with GIS and Spatial Analysis** ..... 3 hours  
Prereq: junior or senior standing or permission of instructor  
This is an introductory course in GIS emphasizing a practical understanding of essential GIS and spatial analysis functionality and how they are applied to real-world problem solving across a variety of disciplines. Students will develop a working knowledge of leading GIS software and the associated GIS methods to enable them to apply basic spatial analysis skills to their respective area of study. Students should have basic computer skills.

**GEOG 317 - Remote Sensing of Environment** .................... 3 hours  
Prereq: junior or senior standing or permission of instructor  
This course focuses on basic concepts of image formation that are required to understand any remotely sensed or satellite data. Techniques to analyze satellite data using Erdas Imagine software will be discussed and practiced. Students will learn about commonly used satellite data used for monitoring various natural resources. They will also have an opportunity to conduct a small remote sensing project.

**GEOG 321 - Economic Geography** ................................ 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
The course is an examination of the geographic elements of economic activity. The course explores the classical geographical models and theories of economic behavior, the factors that influence the location of primary (raw materials), secondary (manufacturing) and tertiary (consumption) activities, and influence of globalization of the world economy locational dynamics and decision-making.

**GEOG 322 - Urban Geography** ..................................... 3 hours  
Prereq: junior or senior standing or permission of instructor  
Urban Geography examines cities and metropolitan areas of the past, present, and future. Spatial structures of urban settlements in North America and elsewhere are studied both theoretically and descriptively.

**GEOG 340 - Developing Nations** .................................. 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
This course investigates the causes of underdevelopment and contemporary development issues at the global, regional, national, and local levels. Emphasis is placed on the how (process) and why (explanation) of development. Other processes studied include the making of the third world, agrarian change, urbanization, industrialization, and development policy.

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* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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**GEOG 341 - Geography of Latin America** .............................. 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
This course is an analysis of the physical and cultural geographic environment of Mexico, Central America, the West Indies and South America.

**GEOG 345 - Geography of Europe** .................................. 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
This course is an analysis and interpretation of the physical and cultural landscapes of Europe with attention given to political and international issues.

**GEOG 347 - Geography of Africa** .................................. 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
This course is a regional examination of the continent in respect to its physical, social, economic and political diversity.

**GEOG 348 - Geography of Asia** ................................... 3 hours  
Prereq: GEOG 104GS or GEOG 106GS  
This course focuses on the subjects of culture area, cultural diffusion, cultural ecology, cultural integration, and cultural landscape as they apply to the geography of Asia.

**GEOG 350 - International Tourism** ................................ 3 hours  
Prereq: GEOG 104GS or permission of instructor  
A spatial analysis of international tourism in both the developed and underdeveloped world. Emphasis will be placed on the evolution of international tourism, its present character, and its future. Primary consideration will be given to the environmental, cultural, economic, and social impact of tourism.

**GEOG 400 - Water Resources** ...................................... 3 hours  
Prereq: junior standing  
This course is an overview of issues relating to water resources with an emphasis on the United States. Some of the topics will include: the hydrologic cycle, global status of water resources, water conflicts, droughts and floods, irrigation efficiency, water quality, applications of satellite data, precision agriculture, water resources management, and the impact of climate change on water resources.

**GEOG 401 - Urban and Regional Planning** ......................... 3 hours  
Prereq: none  
A study of the structure of the urban physical setting relating to industrial, commercial, and residential land use and the factors and trends affecting their spatial relationships.

**GEOG 410 - Geographical Techniques and Thought** ............... 3 hours  
Prereq: junior standing  
This course is one of the culminating courses in the Geography major. It focuses on the philosophy, goals, and research of geography as a discipline. The course includes an exploration of the literature of the discipline, research methodology and practice and formalization of written and oral presentations. A portion of the course will be left “open” to cover areas of geography not available in other courses.

**GEOG 412 - Environmental Planning** .............................. 3 hours  
Prereq: junior standing  
An applied physical geography course considering the integration of human and physical processes in the area of land planning, land science, and landscape design. A portion of the course will involve on-site study of selected local examples. On-site visitations may occur at other than regular class times.

**GEOG 415 - Internship** ............................................. 1-6 hours  
Prereq: permission of department chair  
The internship provides upper level Geography majors and minors the opportunity to work in a professional environment in which they can apply their knowledge and skills. Students must secure the permission
of their academic advisor or department chair before entering into any internship.

**GEOG 416 - Applications of Geographic Information Systems** 3 hours
Prereq: GEOG 315 or GEOG 316 or permission of instructor
This is an applied course focusing on selected topic(s) in geography and their GIS application. Students will work quasi-independently throughout the semester in demonstrating their understanding of, and ability to perform the ‘GIS Process’ through objective formulation, data identification and acquisition, database creation, manipulation/analysis and presentation of findings by applying them to a real-world spatial problem.

**GEOG 440 - Special Topics in Regional Geography** 1-3 hours
Prereq: GEOG 104GS or GEOG 106GS or permission of instructor
Designed for a penetrating analysis of spatial distribution patterns of physical and cultural phenomena of selected world regions. The course will involve seminar presentations based upon library research.

**GEOG 441 - Special Topics in Human Geography** 3 hours
Prereq: GEOG 104GS or GEOG 106GS
Advanced, in-depth studies of various aspects of Human Geography.

**GEOG 442 - Special Topics in Physical Geography** 3 hours
Prereq: GEOG 101GS or GEOG 102GS
Advanced, in-depth studies of various aspects of Physical Geography.

**GEOG 443 - Special Topics in GIS, Spatial Analysis and Remote Sensing** 3-4 hours
Prereq: at least junior standing, permission of instructor
This course looks at a specific methodology, application area, or related geographic subfield of Geographic Information Systems (GIS), Spatial Analysis and/or Remote Sensing.

**GEOG 450 - Senior Geography Project** 3 hours
Prereq: junior standing
A guided review and critical evaluation of current research in geography which provide the student the opportunity to learn the procedures of problem identification, data gathering, data manipulation, as well as written and oral presentation of research results. Emphasis will be placed on the effective communication of geographic ideas. Students are advised to contact their Geography faculty advisor during the semester immediately preceding registration for this course. This course is applicable to Geography majors meeting degree requirements based on the 1996 through 2004 UNK Catalog.

**GEOG 456 - Field Study** 1-4 hours
Prereq: none
An extended field study/travel opportunity to selected regions. Depending on the region selected, students will be able to study, among other, the regional physical geography, environment and geology, cultural and historic elements, and contemporary geographic elements. Offered occasionally.

**GEOG 458 - Great Plains Studies** 1-3 hours
Prereq: none
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on “prairie.”

**GEOG 499 - Independent Study** 1-3 hours
Prereq: none
Independent investigation of a selected problem in geography under the direction of any Geography faculty member. Requires written report and oral presentation. Permission of department chairman required to enroll.

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**GERM Courses**

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**GGERM 100 - Beginning German I** 5 hours
Prereq: none
Elementary course dealing with basic vocabulary, grammar and conversation. Offered in Fall.

**GGERM 101 - Beginning German II** 5 hours
Prereq: GGERM 100 or equivalent
Continuation of 100 on a more advanced level. Offered in Spring.

**GGERM 102 - German for Travelers** 3 hours
Prereq: none
A course for renewing or gaining practical speaking skill in German for the prospective business person or traveler to German-speaking countries. Offered occasionally.

**GGERM 103 - German for Business** 3-6 hours
Prereq: none
A beginning level study of German language and culture taught in a German-speaking country.

**GGERM 175 - German Study Abroad I** 3-6 hours
Prereq: none
A beginning level study of German language and culture taught in a German-speaking country.

**GGERM 200GS - Intermediate German I** 3 hours
Prereq: GGERM 101* or equivalent
Grammar review, reading for understanding, conversation and composition practice. Offered Fall Semester.

**GGERM 201GS - Intermediate German II** 3 hours
Prereq: GGERM 201GS*
Grammar review, reading for understanding, conversation and composition practice. Offered Spring Semester.

**GGERM 203 - Commercial German** 3 hours
Prereq: GGERM 101* or equivalent
Practice through oral and written exercises in perfecting skills of speaking and writing the German language.

**GGERM 275 - German Study Abroad II** 3-6 hours
Prereq: GGERM 201GS or equivalent
An intermediate level study of German language and culture taught in a German speaking country.

**GGERM 276 - German Study Abroad II** 3-6 hours
Prereq: GGERM 201GS or equivalent
An intermediate level study of German language and culture taught in a German speaking country.

**GGERM 301 - Novelle** 3 hours
Prereq: GGERM 201GS* or equivalent
The development of the Novelle, important writers and their works. Offered occasionally.

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* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
GERM 302 - Phonetics and History of German......................3 hours
Prereq: GERM 200GS* or equivalent
A theoretical and practical study of the German sound system and the
historical development of the language.

GERM 303 - Advanced German Grammar..........................3 hours
Prereq: GERM 201GS* or equivalent
A thorough grammar review especially helpful to future teachers of
German. Offered in Fall of even-numbered years.

GERM 304 - Advanced Composition and Conversation I..........3 hours
Prereq: GERM 201GS* or equivalent
Advanced course designed to take the student beyond functional abilities
of the intermediate level. Offered occasionally.

GERM 305 - German Civilization.....................................3 hours
Prereq: GERM 201GS* or equivalent
German life, institutions, and ideas as a background for further study of
literature. Offered occasionally.

GERM 306 - Contemporary German-Speaking Culture..........3 hours
Prereq: GERM 201GS* or instructor permission
Study of political, social, economic and cultural life in modern German-
speaking countries.

GERM 333 - Commercial German....................................3 hours
Prereq: GERM 201GS* or instructor permission
This course focuses upon the development of German language skills
and accompanying cultural awareness that can be utilized to conduct
business with German-speaking countries.

GERM 337 - Seminar on German Film................................3 hours
Prereq: GERM 201GS*
The study of German-speaking film. Offered occasionally.

GERM 339 - Modern German Literature...........................3 hours
Prereq: GERM 201GS* or equivalent
Representative 19th, 20th, and 21st Century writers and their major works.
Offered occasionally.

GERM 354 - Survey of German Literature...........................3 hours
Prereq: GERM 201GS* or equivalent
Chronological survey of periods and major authors in German literature.
Offered occasionally.

GERM 357 - Seminar on Women in German Literature........3 hours
Prereq: GERM 201GS*
A study of women writers from German-speaking countries or a study
of the depiction of women in one or more of these literatures.
Offered occasionally.

GERM 375 - German Study Abroad III..............................3-6 hours
Prereq: GERM 201GS* or equivalent
An intermediate level study of German language and culture taught
in a German-speaking country.

GERM 376 - German Study Abroad III..............................3-6 hours
Prereq: GERM 201GS* or equivalent
An intermediate level study of German language and culture taught
in a German-speaking country.

GERM 400 - German Drama.........................................3 hours
Prereq: GERM 201GS* or equivalent
Study of German-speaking theatre and its authors to 1900.
Offered occasionally.

GERM 401 - Contemporary German Drama........................3 hours
Prereq: GERM 201GS* or equivalent
Study of German-speaking theatre and its authors after 1900.
Offered occasionally.

HIST Courses

GERM 403 - German Novel............................................3 hours
Prereq: GERM 201GS* or equivalent
A survey of the development of the novel and a study of writers and their
principal works. Offered occasionally.

GERM 414 - Advanced Composition and Conversation II.......3 hours
Prereq: GERM 201GS* or equivalent
Oral and written advanced level German. Intensive use of idiomatic
expressions and conversational patterns. Offered occasionally.

GERM 425 - Modern German Poetry................................3 hours
Prereq: GERM 201GS* or equivalent
Twentieth Century poetry and poets of German-speaking countries.
Offered occasionally.

GERM 450 - Goethe and His Times..................................3 hours
Prereq: GERM 201GS* or equivalent
Plays, prose, and poetry in Goethe’s time. Offered occasionally.

GERM 470 - Seminar in German Studies.............................3 hours
Prereq: GERM 201GS* or equivalent
The study of literary works and cultural contexts. Topics are selected and
announced with the schedule of courses. May be taken more than
once. Offered occasionally.

GERM 475 - German Study Abroad IV..............................3-6 hours
Prereq: a 300-level German course
An advanced level study of German language and culture taught in a
German-speaking country.

GERM 476 - German Study Abroad V..............................3-6 hours
Prereq: a 300-level German course
An advanced level study of German language and culture taught in a
German-speaking country.

GERM 499 - Independent Studies in German..................1-3 hours
Prereq: approval by the major department
Independent research under the direction of a faculty member. Students
are not to take this course when a class course is available.

HIST Courses

HIST 156 - Regional Field Study.................................1-3 hours
Prereq: none
Designed to provide students with travel experiences to contribute to their
understanding of the history of a particular area of the world.

HIST 210GS - Western Civilization..............................3 hours
Prereq: none
A brief survey of ancient Near Eastern civilization, history of Greek and
Roman peoples, feudalism, medieval church, crusades, Renaissance
and Reformation.

HIST 211GS - Western Civilization..............................3 hours
Prereq: none
The Age of Absolute Monarchy, the French Revolution and Napoleon, Age
of Nationalism and the two World Wars.

HIST 212GS - Non-Western World History.....................3 hours
Prereq: none
A survey of the historical interaction of the specific civilizations which
together comprise non-Western world civilization in their intellectual,
political, economic, and religious aspects.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
HIST 215GS - Introduction to Latin America.........................3 hours
Prereq: none
A concise review of the history of Latin America from the Aztec and Inca to contemporary affairs. Designed to introduce the student to highlights of political, social, economic, and cultural themes which have coalesced to distinguish these societies in this important part of the Third World.

HIST 250GS - American History ..................................3 hours
Prereq: none
American history covering the period from 1492 to 1865.

HIST 251GS - American History ..................................3 hours
Prereq: none
American history covering the period from 1865 to present.

HIST 280HGS - Special Topics ....................................1-3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

HIST 290 - Special Topics ........................................1-3 hours
Prereq: none
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of the students.

HIST 315 - American Military History..............................3 hours
Prereq: none
A survey of American military history.

HIST 375 - English History........................................3 hours
Prereq: none
English history to 1660.

HIST 376 - English History........................................3 hours
Prereq: none
English history since 1660.

HIST 402 - Age of Alexander the Great............................3 hours
Prereq: none
This course will focus on the change between the Classical Age and the Hellenistic Age. The course will cover the period from the end of the Peloponnesian war to the Jewish independence of the Maccabees. This time period is crucial to Western Civilization since we witness the collapse of the independent Greek city states and the rise of the great national monarchies.

HIST 406 - History and Film .......................................3 hours
Prereq: none
This course will look at history through the lens of feature films produced in the United States and abroad. Particular emphasis will be placed on how historical representation and interpretation has changed with each generation of film makers. The topics of this course will vary depending on the instructor and the needs of the students.

HIST 407 - History of Sea Power ...................................3 hours
Prereq: none
This course seeks to introduce students to different themes in the history of sea power.

HIST 408 - War and Society ........................................3 hours
Prereq: none
This course is designed to introduce students to the field of military history. Students will tackle the debate on “old” vs. “new” military history. In particular students will examine the impact of social studies or the evolution of military history. A considerable portion of the course will also be spent on examining military history in a non-western setting.

HIST 409 - The High Middle Ages, 1050-1350....................3 hours
Prereq: none
This course examines the cultural, political, economic, and social developments of the High Middle Ages, a period of dramatic and important change in the western world, focusing on the religious reformation of the eleventh century, the twelfth-century renaissance, and the rise of towns and urban commerce, and the growth of centralized governments.

HIST 410 - Methods and Historiography...........................3 hours
Prereq: none
An examination of the historian’s craft that considers philosophical and interpretive issues central to the discipline, major schools of interpretation, and the process of historical research and writing.

HIST 411 - Saints and Sinners.......................................3 hours
Prereq: none
This course examines social organization and cultural institutions that shaped the western world between late antiquity and the Renaissance, focusing on the interaction between major institutions, such as family and religion, and the lives of medieval women and men.

HIST 412 - Society and Gender in the Middle Ages..............3 hours
Prereq: none
This class is designed to introduce students to the ways that gender and sexuality were defined, understood, and enacted in medieval society. The course examines both accepted and deviant sexual behaviors as well as notions of masculinity and femininity. Attitudes toward these ideas and behaviors are considered within the social, political, and religious contexts of the Middle Ages.

HIST 416 - History of Christianity................................3 hours
Prereq: none
A broad overview of Christian history from antiquity to the present, with special emphasis upon the complex social, economic, and political forces which have made Christianity a global religion of incredible diversity. Special attention will be given to Christianity in the non-Western world, as well as the central role of women in Christian tradition.

HIST 420 - Women in Europe......................................3 hours
Prereq: none
A history of women in Europe from prehistoric times to the present.

HIST 421 - Women in America....................................3 hours
Prereq: none
A history of women in America from the colonial period to the present.

HIST 429 - Religion in America....................................3 hours
Prereq: none
A historical introduction to the various religious communities of the United States from Pre-Columbian times to the present. The course gives special attention to religious influences upon social and political institutions, changing patterns of church-state relations, and the challenges posed by religious pluralism throughout American history.

HIST 431 - Colonial America, 1492-1750.........................3 hours
Prereq: none
Examines the development of Colonial British America from the first English explorers to the French and Indian War.

HIST 432 - Revolutionary America, 1750-1800...................3 hours
Prereq: none
Examines the American Revolution from its origins through its culmination in the adoption and implementation of the Constitution.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
HIST 439 - Pre-Hispanic and Colonial Latin America ........................3 hours
Prereq: none
Political, social, economic, and cultural dynamics of Amerindian civilizations and colonial Latin America up to independence.

HIST 441 - Modern Latin America ............................................3 hours
Prereq: none
Examination of political, cultural, social, and economic dynamics of Latin American nations and region from independence to present.

HIST 445 - The Civil War and Reconstruction ............................3 hours
Prereq: none
Causes leading to the Civil War, the war itself, and the attempt to reunify the social, economic, and political framework of America.

HIST 450 - Variable Topics in Latin American History ..................3 hours
Prereq: none
In-depth study of a country or region in Latin American or an in-depth analysis of a specific topic of historical or contemporary importance in understanding Latin American history and culture.

HIST 451 - Comparative Colonialism: Asia and Africa ....................3 hours
Prereq: none
This course will analyze the primary social, cultural, and political forces that helped create and sustain the vast colonial empires in Asia and Africa.

HIST 452 - Colonial India .....................................................3 hours
Prereq: none
This course will examine the major social, cultural and political forces that helped create colonial India.

HIST 453 - Modern India .......................................................3 hours
Prereq: none
This course aims to introduce students to the complex cultural, political and economic factors that created the ‘nation’ of India as it is known today. The course begins in 1947 when India gained independence from Britain. It will examine in detail the major issues that have helped mold the history of contemporary India.

HIST 455 - Comparative Studies in Ethnic Conflict .........................3 hours
Prereq: none
This course is designed to engage students in an intense study of theories of ethnic conflict. Students will also be involved in a comparative study of the militarization of ethnic conflict in various regions of the world.

HIST 456 - Regional Field Study .............................................1-4 hours
Prereq: none
Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world.

HIST 457 - British Empire .......................................................3 hours
Prereq: none
The rise and expansion of the British Empire from its earliest beginnings to the present.

HIST 458 - Great Plains Studies ..............................................1-3 hours
Prereq: none
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on “prairie.”

HIST 459 - European Expansion and Exploration ........................3 hours
Prereq: none
The motivations for European exploration overseas from 1300 until 1800 and the impact that European contact with the rest of the world had upon the societies of the Americas, Africa, Asia, and Europe.

HIST 461 - Renaissance and Reformation ....................................3 hours
Prereq: none
The political, economic, religious and social development of Europe from the Crusades through the era of the European Reformation.

HIST 462 - Seventeenth and Eighteenth Century Europe ................3 hours
Prereq: none
History of Europe from the Thirty Years’ War to the French Revolution with special emphasis on the Enlightenment.

HIST 463 - French Revolution and Napoleon ................................3 hours
Prereq: none
The causes of the French Revolution and the political, social, and intellectual impact of the Revolution upon western Europe.

HIST 471 - History of the Pacific Rim ........................................3 hours
Prereq: none
This course will examine the development of Pacific Rim nations from 1500 to the present. While the entire region will be studied, the emphasis will be on the cultural, political, and economic relations between the United States, Japan, China, and Russia as well as the colonizing powers of Spain, France, and Great Britain.

HIST 473 - American Constitutional History I ............................3 hours
Prereq: none
Constitutional history of the United States to 1860.

HIST 474 - American Constitutional History II ............................3 hours
Prereq: none
Continuation of History 473. Period covered is from 1860 to the present.

HIST 475 - Internship in History .............................................1-9 hours
Prereq: none
This course emphasizes the professional development of the student in the area of the student’s professional interest. Grade will be recorded as credit/no credit.

HIST 477 - American Thought and Culture, 1620-1865 ................3 hours
Prereq: none
Examines the origins and development of American social, political, and religious ideas through the Civil War.

HIST 478 - American Thought and Culture, 1865-1990 ...............3 hours
Prereq: none
Examines the origins and development of American social, political, and religious ideas after the Civil War.

HIST 479 - Nebraska and the Great Plains History .......................3 hours
Prereq: none
This course will emphasize the natural environment of the plains, human attempts to settle and utilize the region’s resources, and the role of Nebraska and the Great Plains in United States History. Recommended for elementary teachers.

HIST 481 - North American Frontiers, 1500-1850 .......................3 hours
Prereq: none
This course will examine the process of European frontier expansion from the 1500s to the point at which the new nations of North America had basically developed both the geographic boundaries and political structures that essentially ended territorial expansion on this continent. We will examine not only the United States’ frontier, but also those of Spain, Mexico, France, Britain, and Russia in North America, providing a chance for students to compare various aspects of the frontier in different regions under different authorities. Major themes in the course will stress the interaction between Whites and Indians, as well as European efforts to utilize the continent’s natural resources.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
HIST 482 - The American West, 1850-present...........3 hours
Prereq: none
This course will examine the development of the western United States.
After a very short review of western settlement prior to 1850s, the course
will examine the tremendous development that occurred in the West in
the later half of the 19th and first half of the 20th centuries. The course
will then examine the changes in the West that were brought about by
the New Deal and World War II, and finish by looking at the particular
problems that face the West since 1945. Major emphasis will be given to
ethic interaction in the West, resource exploitation/development,
and the emergence in the West of new industries.

HIST 483 - The Gilded Age, 1870-1898....................3 hours
Prereq: none
An analysis of the transformation of an agrarian America into an urban-
industrial society, 1870-1898.

HIST 484 - The United States, 1898-1941...................3 hours
Prereq: none
The rise of America as a world power and the problems of reform and
industrial expansion in early twentieth century America.

HIST 485 - The United States Since 1941.....................3 hours
Prereq: none
A detailed study of some of the more important aspects of the history of
the period.

HIST 486 - Imperial Russia.................................3 hours
Prereq: none
A general survey of the political, social, economic, diplomatic, and cultural
developments of Russian civilization from 800 A.D. to 1917.

HIST 487 - Nineteenth Century Europe.......................3 hours
Prereq: none
The period from the French Revolution and Napoleon to World War I.

HIST 488 - Fascism and Communism in Twentieth Century Europe.........3 hours
Prereq: none
This course will explore the commonalities and divergences between
fascism, communism, and nationalism and their twentieth century
manifestations. After investigating the intellectual roots, social
bases and key elements of these ideologies, we will examine their
concrete manifestations in Europe, including Hitler’s Germany, Soviet
communism under Stalin, and postwar Yugoslavia.

HIST 489 - Twentieth Century Europe.........................3 hours
Prereq: none
Cultural and political aspects of the history of Europe since World War I.

HIST 490 - Soviet Russia.....................................3 hours
Prereq: none
The 1917 revolution and the development of the Soviet state with an
emphasis on domestic policies.

HIST 491 - Modern Eastern Europe...........................3 hours
Prereq: none
While we will survey the nineteenth century, the thrust of the course will
be on the post World War I period. Here issues such as nationalism,
big power rivalry, modernization, the peasantry, the political left and the
extreme right will be closely examined for the period up to World War
II. Then World War II with the crucial postwar period of Sovietization
will be covered. Finally, we will consider the Revolutions of 1989 and
their aftermath.

HIST 495 - Topical Studies....................................3 hours
Prereq: none
Topics are studied which are not assigned or covered in other courses in
the department. The format of this course will vary depending on the
topic, instructor and the needs of the students.

HIST 496 - Senior Seminar in History: Variable Topics.........3 hours
Prereq: none
The purpose of this course is to allow students to explore a selected
topic in depth. Topics will be selected in accordance with the research
expertise of the instructor. Students will spend the first seven weeks of
the course reading secondary literature on the topic. In the final
eight weeks, students will design, research, and write a twenty-page
original research paper. They will present their work, in oral and written
form, to the seminar.

HIST 499 - Independent Study..................................1-4 hours
Prereq: none
Independent readings in history for the advanced undergraduate.
Readings to be selected and directed by a history faculty member.
Students wishing to take this course must obtain written approval in
advance from the department chair.

HSCI 125A - Orientation to Physical Therapy...............1 hour
Prereq: none
Designed to familiarize students with the requirements, opportunities,
and obligations associated with careers in the health sciences as
a physical therapist. The student spends 36-40 clock hours with a
working professional physical therapist in an on-the-job setting.
Students should complete BIOL 225*, BIOL 226*, BIOL 325, CHEM
160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS prior to
taking HSCI 125A.

HSCI 125B - Orientation to Clinical Lab Sciences............2 hours
Prereq: none
This course is an introduction to the profession of medical technology.
It includes a historical perspective of the profession, orientation to
hospital/laboratory infra-structure, and a description of accrediting
agencies and professional organizations. Emphases will be placed
on educational requirements, personal attributes and characteristics
desirable in a medical technologist, professional ethics, clinical
laboratory departments, professional specialties, employment
opportunities and the future of medical technology. The course requires
a shadowing/observation experience in a clinical laboratory setting.

HSCI 125C - Orientation to Medicine........................1 hour
Prereq: none
Designed to familiarize students with the requirements, opportunities,
and obligations associated with careers in the health sciences as
a physician. The student spends 36-40 clock hours with a working
professional physician in an on-the-job setting. Students should
complete CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM
161LGS, CHEM 360* and two lab classes in animal or human biology
prior to taking HSCI 125C.

HSCI 125D - Orientation to Pharmacy........................1 hour
Prereq: none
Designed to familiarize students with the requirements, opportunities,
and obligations associated with careers in the health sciences as a
pharmacist. The student spends 36-40 clock hours with a working
professional pharmacist in an on-the-job setting. Students should
complete CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM
161LGS and BIOL 211GS or BIOL 215GS* prior to taking HSCI 125D.

HSCI 125E - Orientation to Dentistry.........................1 hour
Prereq: none
Designed to familiarize students with the requirements, opportunities, and

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a radiologist. The student spends 36-40 clock hours with a working professional radiologist in an on-the-job setting. Students should complete BIOL 225*, BIOL 226*, and one lab course in chemistry or physics prior to taking HSCI 125F.

HSCI 125G - Orientation to Respiratory Therapy ................................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a respiratory therapist. The student spends 36-40 clock hours with a working professional respiratory therapist in an on-the-job setting. Students should complete BIOL 225*, BIOL 226*, CHEM 160GS*, CHEM 161GS*, and CHEM 161LGS prior to taking HSCI 125G.

HSCI 125H - Orientation to Occupational Therapy ..........................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an occupational therapist. The student spends 36-40 clock hours with a working professional occupational therapist in an on-the-job setting. Students should complete BIOL 225*, BIOL 226*, PSY 203GS, and PSY 230GS or PSY 231 prior to taking HSCI 125H.

HSCI 125I - Orientation to Physician Assistant .............................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physician assistant. The student spends 36-40 clock hours with a working professional physician assistant in an on-the-job setting. Students should complete BIOL 225*, BIOL 226*, CHEM 160GS*, CHEM 160LGS, CHEM 161GS*, and CHEM 161LGS prior to taking HSCI 125I.

HSCI 125J - Orientation to Dental Hygiene .................................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a dental hygienist. The student spends 36-40 clock hours with a working professional dental hygienist in an on-the-job setting. Students should complete BIOL 225*, CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS prior to taking HSCI 125J.

HSCI 125K - Orientation to Optometry .......................................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an optometrist. The student spends 36-40 clock hours with a working professional optometrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS and PHYS 205GS* prior to taking HSCI 125K.

HSCI 125L - Orientation to Nuclear Medicine Technology ............1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a nuclear medicine technologist. The student spends 36-40 clock hours with a working professional nuclear medicine technologist in an on-the-job setting. Students should complete CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS prior to taking HSCI 125L.

HSCI 125M - Orientation to Chiropractic .................................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a chiropractor. The student spends 36-40 clock hours with a working professional chiropractor in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS prior to taking HSCI 125M.

HSCI 125N - Orientation to Podiatry .......................................1 hour Prereq: none
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a podiatrist. The student spends 36-40 clock hours with a working professional podiatrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160GS*, CHEM 160LGS, CHEM 161GS* and CHEM 161LGS prior to taking HSCI 125N.

HSCI 125P - Orientation to Health Sciences .........................1 hour Prereq: none
A course designed to introduce students to the many diversified opportunities in the health field and the personal as well as the educational requirements for the various careers available in the health sciences.

HSCI 140 - Introduction to Public Health ...............................3 hours Prereq: none
An introductory course concerning various topics of public health including: history, current issues and future trends; epidemiology, epidemics and data collection; biomedical basis of disease and disease prevention methods (vaccinations, diet and healthy habits); environmental issues (water, air, food and drug safety); role of government, organizations, and law in public health; emergency preparedness for health, natural disasters, and bioterrorism; health dollars and insurance; and health needs of specific populations. The topics listed will be discussed briefly so that students can become familiar with general concepts. In addition to the required text, media including, newspaper articles, television broadcasts, and journal articles (both professional and lay public) will be used to enhance our understanding of the perception of health in the general public.

HSCI 225 - Introduction to Hematology .................................2 hours Prereq: 8 hours of BIOL or permission of instructor
This course is designed to provide an introduction to the procedures used in the hematology and urinalysis departments of a clinical laboratory. The course will consist of a combination of classroom lectures, demonstrations, laboratory instruction and practice.

HSCI 300 - Seminar in Health Sciences .................................1 hour Prereq: sophomore standing
This course is designed to assist students in the Health Sciences with their academic, professional and career planning goals. Some topics and issues to be covered in the course include academic preparation for the health sciences, preparing for the admissions process, professionalism, confidentiality, insurance, managed care and other issues and trends in health care.

HSCI 400 - Cultural Issues in Medicine .................................1 hour Prereq: permission of instructor
To familiarize pre-health professionals with cultural differences in our

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
HSCI 410 - Issues in Medicine..........................1 hour
Prereq: permission of instructor
To familiarize pre-health professionals with issues relating to agri-medicine and rural medical practice through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.

HSCI 430 - Special Topics in Health Sciences.................1-6 hours
Prereq: permission of instructor, acceptance into a clinical program in one of the health sciences
The format of this course will vary depending on the specific clinical program into which the student is accepted; the purpose of the course is to provide the student with in-depth experience in the specific health science area.

INTS Courses

INTS 90 - English Language Institute.............................1 hour
Prereq: none
Students enrolled in the English Language Institute will enroll for this class.

INTS 100 - Introduction to International Studies..................3 hours
Prereq: none
Introduction to International Studies is an interdisciplinary course required of all international studies majors or as an elective for students who wish to deepen their understanding of an increasingly interdependent world and broaden their perspective on a variety of international topics. These topics include such topics as international politics and history, global environmental issues, international business and economics, comparative cultural studies and world literature.

INTS 300 - Eastern European Studies..........................1-9 hours
Prereq: none
The course is part of the Nebraska Semester Abroad program and is taught in the Czech Republic. The course includes the study of Eastern Europe, past and present, including Czech language study.

INTS 301 - Greek and Eastern Mediterranean Studies..........4 hours
Prereq: none
This course is part of the Nebraska Semester Abroad program and is taught in Greece. The course includes the study of Greece and the Eastern Mediterranean, past and present, including Greek language study. Including Greek language study.

INTS 400 - International Development Seminar................3 hours
Prereq: permission of instructor
This course is the first phase of participation in the International Community Service Program and will facilitate the preparation of selected students for service experience abroad using the expertise of many faculty, students, programs and activities at UNK.

INTS 444 - International Studies Institute......................1-12 hours
Prereq: permission of instructor
This course is designed to combine travel and study in an international setting. The credit offered will be based on length and type of program.

INTS 470 - International Community Service....................1-6 hours
Prereq: permission of instructor
This course offers UNK students an opportunity to work in service programs throughout the world and put what they have learned at UNK to use in a variety of programs.

INTS 480 - Special Topics....................................1-3 hours
Prereq: none
Topics and programs chosen from the area of International Studies not included in the normal offerings

INTS 490 - Directed Readings...................................1-4 hours
Prereq: written approval from the director
This course is directed independent readings in various topics in international studies. It is done under the supervision of the International Studies Program Director and directed by a University of Nebraska faculty member.

ITEC Courses

ITEC 110 - Introduction to Technology...........................1 hour
Prereq: none
Students will be introduced to career opportunities, and encouraged to explore career options. Once students are familiar with various degree programs they will develop long range plans for achieving their career goal(s).

ITEC 120 - Technology Today....................................3 hours
Prereq: none
The course presents a conceptional approach to computer aided communication systems typically applied in industrial environments. Emphasis will be placed on utilizing computer technology to integrate text and graphics in the preparation of documents and presentation materials.

ITEC 150GS - Telecommunications Literacy.....................3 hours
Prereq: none
This course is a comprehensive examination of contemporary telecommunications systems. Topics include voice, data, and video networks that use wire-line or wireless technologies. The course assumes no previous knowledge of the field, and can be used by all students seeking a background in fundamental telecommunications concepts.

ITEC 170 - Private Pilot Theory................................1 hour
Prereq: none
This course serves as a preparation for the FAA Private Pilot written exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam.

ITEC 171 - Introduction to Flight...............................1 hour
Prereq: none
This course is the student’s first exposure to flight operations. The fundamental flight skills and the sensations associated with completing these skills will be demonstrated. Basic aviation terms and nomenclature will be introduced.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
ITEC 172 - Professional Flight 1 ..............................................1 hour
Prereq: ITEC 171 or permission
This course provides the student with an introduction to the aeronautical experiences required to effectively pursue careers in aviation. In this course the student will become familiar with the training airplane through dual instruction and solo practice and will learn how the airplane controls are used to establish and maintain specific flight attitudes. The student will also learn to plan and conduct cross-country flights using piloting, dead reckoning, and radio navigation.

ITEC 205 - Architectural Graphics ..........................................3 hours
Prereq: ITEC 110, ITEC 120
Computer aided drafting and design is a beginning electronic drafting course designed to develop a working knowledge of CADD and the hardware required for a CADD system. Materials Fee.

ITEC 210GS - Society and Technology .....................................3 hours
Prereq: none
The course will introduce students to the impact that technology has had on society, the economy and politics. Historical development of technology will be developed in an effort to provide information on the importance of technology.

ITEC 211GS - Alternate Energy and Technology ......................3 hours
Prereq: none
The course will discuss such topics as renewable/inexhaustible energy sources, nonrenewable energy sources, conservation and legislative issues relating to energy, environmental impacts and wise choices for consumption of energy in everyday life.

ITEC 220 - Electricity/Electronics .............................................3 hours
Prereq: none
This course will provide an overview of the fundamentals of electricity/ electronics. This is a foundation course for students entering the field of Industrial Technology and will provide the necessary working knowledge required for automation systems, telecommunications, residential/commercial wiring, and computer based electronics. Materials Fee.

ITEC 230 - Statics and Strength of Materials ............................3 hours
Prereq: none
This course is an introductory exposure to the engineering principles relative to static design and their application to primary construction materials and structures. Through problem solving and application, students will develop an appreciation for the vital importance of engineering to the stability and resulting safety of structures. Materials Fee.

ITEC 240 - Construction Design and Processes ..........................3 hours
Prereq: none
This course will explore the design and construction methods of light commercial/residential structures. The construction industry is constantly changing as new materials, technologies, and processes evolve. These concepts will be presented and applied in the class. The fundamentals of these construction methods and techniques will be reinforced with various lab activities, e.g. concrete, framing, and roofing. Materials Fee.

ITEC 250 - Construction Surveying .........................................2 hours
Prereq: ITEC 120, MATH 103*
Methods and equipment utilization in layout and control of building projects and construction site development. Includes horizontal and vertical control methods using manual and electronic surveying equipment (Theodolite).

ITEC 251 - Machine Tool Products and Applications ..................3 hours
Prereq: none
A study of modern manufacturing based on the production of parts and assemblies by means of various processes and methods. Materials Fee.

ITEC 271 - Industrial Products & Applications I ......................3 hours
Prereq: PHYS 100GS
This course is designed to provide specific product knowledge and applications skills required of today’s electrical and electronic component sales professionals.

ITEC 272 - Industrial Products & Applications II ........................3 hours
Prereq: ITEC 271*
This course is designed to provide specific product knowledge and applications skills required of today’s industrial sales professional. It includes (1) power transmission devices, (2) pipes, valves, and fittings, and, (3) hydraulics and pneumatics. Related topics such as maintenance and lubricants are included. New technologies are included in the course as they become available.

ITEC 283 - Fluid Power .......................................................3 hours
Prereq: ITEC 272*
The course is designed to cover the nature of fluids and gas under pressure, the transmission of power by fluid and gas, the design of hydraulic and pneumatic systems and automatic control of these systems.

ITEC 290 - Training and Instructional Systems ..........................3 hours
Prereq: none
Effective presentation skills and training software for industry and education will be developed, implemented and evaluated.

ITEC 291 - Instrument Pilot Theory ........................................3 hours
Prereq: ITEC 110, ITEC 171 OR permission
This course serves as a preparation for the FAA Instrument Pilot written exam which may be taken upon successful completion of the course. The course includes instruction in all areas required by 14 CFR Part 61.65(b).

ITEC 292 - Professional Flight 2 .............................................1 hour
Prereq: ITEC 172* or permission
This course provides the student with the VFR cross-country aeronautical experience to prepare him or her for the next phase of their professional training, the instrument rating.

ITEC 293 - Professional Flight 3 .............................................1 hour
Prereq: ITEC 172* or permission
This course provides the student with the simulated and actual instrument reference aeronautical experiences required to obtain the Instrument Airplane rating, FAA Instrument Airplane rating.

ITEC 308 - Industrial Management .........................................3 hours
Prereq: none
Designed to present specific functions, resources, techniques and responsibilities associated with the various phases of industrial management.

ITEC 310 - Construction Estimating .......................................3 hours
Prereq: ITEC 130, ITEC 240, MATH 103*
Designed to meet the individual needs of students requiring additional specialization in the construction field of study with emphasis in computer and manual estimating.

ITEC 320 - Applied Electronics ..............................................3 hours
Prereq: ITEC 110; ITEC 220 or PHYS 205GS*; MATH 102*; MATH 103* or MATH 123*
The course will deal with analog and digital circuitry and their various applications in electronics. Computer and industry control circuits will be incorporated.

ITEC 330 - Telecommunications Preceptorial ..........................4 hours
Prereq: ITEC 150GS
Students in this course study the design and operation of telecommunications networks actively deployed in the business enterprise. They also explore the duties and responsibilities of the network manager as they maintain telecommunications networks.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
ITEC 335 - Telecommunications Basic Concepts...........3 hours
Prereq: ITEC 150GS, PHYS 100GS
This course presents a technical overview of the telecommunications networks. The course will cover the transmission and reception principles necessary for understanding the design of telecommunications systems. Various carrier methods will be explained and experiments conducted on switches and routers.

ITEC 341 - Mechanical and Electrical Systems..............3 hours
Prereq: none
The course will include the basic construction practices included in all phases of the industry dealing with the electro and mechanical systems of structures. Specifically electrical systems, heating systems, cooling systems, and plumbing systems. Materials Fee.

ITEC 345 - Transmission Systems in Communication..........4 hours
Prereq: ITEC 335*
This course presents the basic fundamentals of communication technology. Students will be able to design and choose the most efficient and cost effective communication circuits. Materials Fee.

ITEC 351 - Automated Devices and Systems..................3 hours
Prereq: ITEC 120, ITEC 251, MATH 102*
Manufacturing and management strategies utilizing materials, machine controls, and automation to create products, systems, and packaging requirements. Skill development in design, R&D, model analysis, and conversion into finished designs is also emphasized. Materials Fee.

ITEC 360 - Construction Building Systems..................4 hours
Prereq: ITEC 240, ITEC 341, PHYS 100GS
This course will provide the student with a working understanding of the elements associated with all phases of completing a structure. Topics included are subcontracting, suppliers, carpentry, building codes, safety and the role of the general contractor. The experiences will be gained through classroom/laboratory/site environment.

ITEC 370 - Construction Scheduling..........................3 hours
Prereq: ITEC 310*
Students will be exposed to the area of construction scheduling and the importance of this area to the successful completion of a project. This course emphasizes professional application grounded in accepted theory and techniques.

ITEC 375 - Commercial Pilot Theory.........................3 hours
Prereq: ITEC 171 or permission
This course serves as a preparation for the FAA Commercial Pilot knowledge exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam. In addition, specific information regarding the privileges and limitations on the holder of the Commercial Pilot Certificate are discussed in detail.

ITEC 376 - Professional Flight 4...........................2 hours
Prereq: ITEC 172* or permission
This course provides the student with the aeronautical experiences required to obtain the FAA Commercial Pilot Certificate.

ITEC 377 - Professional Flight 5...........................2 hours
Prereq: ITEC 376* or permission
This course provides the student with the aeronautical experiences required to add the FAA Multi-Engine rating to an existing Commercial Pilot Certificate.

ITEC 378 - Professional Flight 6...........................2 hours
Prereq: ITEC 376* or permission
This course provides the student with the aeronautical experiences required to qualify for the FAA Flight Instructor Certificate.

ITEC 379 - Professional Flight 7...........................2 hours
Prereq: ITEC 378* or permission
This course provides the student with the aeronautical experiences required to qualify for the FAA Instrument Flight Instructor Certificate.

ITEC 380 - Professional Flight 8...........................2 hours
Prereq: ITEC 377* or permission
This course provides the student with the aeronautical experiences required to qualify for the FAA Multi-Engine Flight Instructor Certificate.

ITEC 383 - Mechanical Power...............................3 hours
Prereq: PHYS 100GS
The course is specifically designed to provide extensive study and understanding of the power transmission and motion control industry. In addition, the course is holistically designed to integrate the extensive technical studies with current manufacturing, management, sales, and industry news and events.

ITEC 390 - Telecommunications Law.........................3 hours
Prereq: none
Students in this course review statutory law, regulatory law, and case law at the federal, state, and local levels as it is applied to telecommunications.

ITEC 391 - Aviation Law....................................3 hours
Prereq: none
This course covers the interpretation and application of the statues, related acts, and federal regulations, and common law aviation issues.

ITEC 392 - Aviation Airport Management....................3 hours
Prereq: none
This course is primarily directed toward the planning and complete development of an airport including the economic, social, political, and operation requirements. Federal Aviation Regulations as well as Environmental Protection Act requirements are addressed.

ITEC 393 - Aviation Safety..................................3 hours
Prereq: none
The primary goal of this course is to thoroughly indoctrinate the student pilot with safety consciousness including awareness of physical limitations, effects of flight on the human body, severe weather, and in flight emergencies. Although advanced placement is not mandatory, beginning college students are not encouraged to enroll.

ITEC 398 - Advanced Architectural Graphics................3 hours
Prereq: ITEC 310*
This capstone course will integrate the concepts of solid modeling design, architectural graphics, estimating, and specifications. An integrated Computer Aided Design software will be utilized. The student will complete all the required plans, specifications, and estimates for a residential structure. Materials Fee.

ITEC 399 - Independent Study...............................1-3 hours
Prereq: permission of instructor
Permission of the instructor is required. The course provides independent investigation of problems in Industrial Technology. Topics to be researched may be tailored to meet the needs of the student. Individual research, under the direct supervision of a faculty member of the department, will utilize problem-solving applications.

ITEC 408 - Leadership in Business and Technology.......3 hours
Prereq: none
This course will present information and provide skills needed by managers who will be required to cope with an ever-increasing rate of change. Creative long range planning coupled with the ability to lead people will be of utmost importance. Leadership styles will be studied by review of characteristics of successful leaders past and present.

ITEC 415 - Technical Research and Development in Industry and Business................3 hours
Prereq: none
The course is designed to conceptualize the process of product design...
and technical research and development. Topics covering the role for technology and science will be discussed and the steps involved in product design and reporting technical research and development will be presented.

ITEC 416 - Advanced Aerodynamics/Aircraft Performance..........................3 hours
Prereq: ITEC 375*, PHYS 205GS OR permission
This course is designed to develop a sound understanding of the concepts of aerodynamics relevant to flight, and the impact of the natural environment upon the performance of modern aircraft.

ITEC 417 - Advanced Aircraft Systems...............................3 hours
Prereq: ITEC 220 or permission
This course will acquaint the student with various aircraft types and sophisticated aircraft systems, as well as pilot requirements and responsibilities within these systems.

ITEC 420 - Individual Problems in Communication Technology..........................3 hours
Prereq: ITEC 205*
Designed to meet the individual needs of the student who desires additional specialization in the computer aided drafting and design area.

ITEC 425 - Human Factors in the Workplace.............................3 hours
Prereq: none
This course will introduce the study of human factors in the workplace, human variability, human/machine interfacing, human factors in designing equipment and work station layout, design educational plans for individuals from other disciplines who must interface with these systems, and introduce the federal and state guidelines in this field of study.

ITEC 430 - Telecommunications Systems............................3 hours
Prereq: ITEC 330*, ITEC 335*, ITEC 345*
This course presents a technical overview of Public Switched Telephone Networks and the Internet from a system viewpoint. The course will cover all the concepts necessary for a complete understanding of the design of communication networks, whether they are meant to carry voice, data or video. Both local and long distance (toll) switching and transmission are covered, including the subject of out band signaling. Materials Fee.

ITEC 435 - Network Data Communication Systems..............3 hours
Prereq: ITEC 330*, ITEC 430* or CSIS 428
This course presents a comprehensive study of needs and characteristics of communication media. Design and function of networks, communication hardware, software, systems and protocols. Includes review for Network + and Cisco Certified Network Associate exams. Materials Fee.

ITEC 445 - Construction Control Systems........................3 hours
Prereq: GEOG 103GS or GEOG 207GS
Students will be exposed to the area of construction control systems and the importance of this area to meeting the budget, quality and time objectives of a project. This course emphasizes strategy development and practical application grounded in accepted theory and techniques.

ITEC 450 - Individual Problems in Manufacturing Technology...........3 hours
Prereq: ITEC 251
Designed to meet the individual needs of the student who desires additional specialization in the manufacturing area.

ITEC 451 - Manufacturing/Distribution Relationships.........3 hours
Prereq: ITEC 251
The study of the design and development of products and services emphasizing the quantitative aspects and the interlocking factors affecting human performance and the utilization of facilities, machines, and materials. A working corporate structure will be established to research, develop, produce, and market produce.

ITEC 452 - Industrial Distribution Branch Operations.........3 hours
Prereq: none

ITEC Courses

ITEC 466 - Technology Education in the Elementary/Middle School Classroom.................................3 hours
Prereq: none
A study of the basic functions of an industrial distributor, how to manage each area of branch operations for a single or multi-level branch organization, account planning, and the management of territories, sales cycles, and sales teams.

ITEC 473 - Activities and Instructional Strategies for Teaching Technology Education.........................3 hours
Prereq: none
The teaching of modular, problem solving activities and instructional strategies to support technology education at the middle and high school levels will form the basis of this course. Ideally, undergraduate and graduate students will work in teams to further enrich this experience.

ITEC 475 - Internship.........................................................3-12 hours
Prereq: ITEC 308, GPA of 2.5, junior standing
A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Department internship coordinator. Work experience will require management training and supervisory responsibilities. Students are to contact their program coordinator prior to registering for this course.

ITEC 482 - Digital Electronics..................................................3 hours
Prereq: ITEC 220 or PHYS 206GS
Study of basic digital logic circuitry, computer languages, binary math, Boolean algebra, industrial control systems and current integrated circuitry technology will be included. Digital logic training systems of various manufacturers will be available for experimental work.

ITEC 485 - Telecommunications Seminar...............................3 hours
Prereq: ITEC 390, senior standing
A review of the telecommunications industry of today. Students will be required to research various current telecommunications issues and be prepared for discussion.

ITEC 490 - Industrial Distribution Seminar...............................3 hours
Prereq: none
A review of industrial distribution today as it relates to management and sales of industrial products and services.

ITEC 497 - Special Topics in Aviation........................................3 hours
Prereq: none
Selected topics and problem areas of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.

ITEC 498 - Seminar in Construction Management................3 hours
Prereq: ITEC 360*, ITEC 370*, senior standing
Students will be exposed to the real estate development process and the integral role of project management in meeting the goals of a successful real estate project. The emphasis of the course will be on application of project management tools and techniques utilized from pre-construction to close-out. Timely execution of quality work and effective written communication will be emphasized.

ITEC 499 - Independent Study and Research in Industrial Technology.................................................1-6 hours
Prereq: none
Concentrated work in specialized areas of industrial technology.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
JAPN Courses

JAPN 100GS - Beginning Japanese I...........................................5 hours
Prereq: none
Introduction to Japanese language. Offered in Fall.

JAPN 101GS - Beginning Japanese II.........................................5 hours
Prereq: JAPN 100GS
Oral practice on topics related to daily life and to performing specific tasks. Offered in Spring.

JAPN 200 - Intermediate Japanese.............................................5 hours
Prereq: JAPN 101GS* or equivalent
A continuation of the study of Japanese. Offered occasionally.

JMC Courses

JMC 100GS - Global Media Literacy............................................3 hours
Prereq: none
This course provides a comprehensive understanding of the role of global media as they interact with the world’s social, cultural, political, technological and economic forces. Historical dimensions also are examined. Using major mass communication theoretical concepts as a basis, the effects of mass media on individuals and society are explored.

JMC 110 - Topics...........................................................................1 hour
Prereq: none
The course is intended to introduce students to the use of Apple Macintosh computers and popular software packages such as InDesign, Photoshop, PowerPoint and Flash. The content of the course will be announced each time the course is offered.

JMC 129 - Integrated Marketing Communications........................3 hours
Prereq: none
An introduction to advertising with emphasis on marketing and demographic analysis. Also includes how advertising affects the consumer and an examination of the structure of the advertising industry.

JMC 130 - Advertising Principles and Practice..........................3 hours
Prereq: none
The study of how media strategy, planning and research are used in creating the advertising message. The course will include practical application of theory with emphasis on culturally diverse audiences.

JMC 215 - Newswriting..............................................................3 hours
Prereq: none
News evaluation, news-story style, and kinds of stories will be examined. The techniques of gathering news and copy preparation for newspapers; includes assignments for The Antelope. Students should not take JMC 350 in the same semester as this course.

JMC 220 - Photojournalism.......................................................3 hours
Prereq: none
Digital photography techniques. Introduction to using computer software and hardware to shoot and prepare photos for reproduction. Field assignments will be required. Students pay $25 lab fee.

JMC 226 - Audio Production.....................................................3 hours
Prereq: none
An introduction to the techniques and theory of audio production as they are applied in the broadcast, cable and production industries.

JMC 300 - Website Design.......................................................5 hours
Prereq: none
No previous knowledge or experience required. Start with the basics: how the web works, using html, page editors, images and Web design principles. This class is hands-on in a lab environment. A variety of software such as Adobe Photoshop, Dreamweaver and Fetch will be used as well as digital cameras and scanners. Additional lab hours will be available. Students will finish with a Web site, their own pages on UNK's server, and with an understanding of technical issues.

JMC 310 - Flash Design............................................................3 hours
Prereq: JMC 300 or permission of instructor
This course provides a comprehensive foundation for using Adobe Flash software to design multimedia projects. Topics include the tools, graphic creation, layers, timeline, frame-by-frame animations, motion and shape tweening, sounds, and video. Graphic symbols, movie clips and buttons will be created. Students will use prewritten ActionScript and write their own. Students will explore the html, JavaScript, and Flash relationships to create their web site and display their course projects, including a splash page. It is recommended that students take JMC 300, Web Site Design before taking JMC 304.

JMC 305 - Writing Feature and Magazine Articles........................3 hours
Prereq: JMC 215 or permission of instructor
An in-depth study of how to write and market feature articles for newspapers and magazines.

JMC 307 - Advertising Copywriting...........................................3 hours
Prereq: none
Writing advertising copy to fit specific media and specific client requirements. Assignments designed to develop skills in writing for all advertising media.

JMC 309 - Public Relations......................................................3 hours
Prereq: none
Basic principles of corporate and institutional communications programs.

JMC 310 - Communications Law.............................................3 hours
Prereq: junior standing
Privileges of and constraints on mass media. Libel, contempt, access, privacy, and copyright are considered. National and state regulations are examined.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
JMC 315 - Advanced Reporting & Editing ...........................................3 hours
Prereq: JMC 215 or permission of instructor
Advanced reporting techniques developed with emphasis on public affairs reporting. Students will also be exposed to copy editing, headline and caption writing and learning the Associated Press style.

JMC 316 - Broadcast Advertising & Programming ........................3 hours
Prereq: none
The course is designed to familiarize students with different aspects of broadcast/cable advertising and programming. Topics will include reach, co-op advertising, audience flow, coverage areas, audience measurement methods, ratings, share, stunting and recycling. Other areas for discussion will include the relationships among programming, promotions, personalities and the personnel in the various departments within a broadcast/cable operation.

JMC 318 - Writing for The Media ..................................................3 hours
Prereq: none
Students will prepare written material for the media through assignments of varying styles, formats and degrees of difficulty.

JMC 320 - Media Management ....................................................3 hours
Prereq: JMC 130 or JMC 215; junior standing
A study of practical business and leadership techniques in media organizations. The course will include basic theories and styles of management. The structure of typical media organizations will be discussed.

JMC 329 - Print Advertising Design .............................................3 hours
Prereq: none
In-depth study of design and production techniques necessary for all print advertising. Utilizes desktop publishing to produce black and white as well as spot color print ads. Students will be expected to demonstrate proficiency with Adobe Photoshop and QuarkXPress on the first day of the course. It is recommended that students take JMC 110 Photoshop and JMC 110 QuarkXPress before taking JMC 329. Students pay $20 lab fee.

JMC 330 - Publication Design ......................................................3 hours
Prereq: none
Basic design and production techniques necessary for all publications. Utilizes desktop publishing to produce fliers, brochures and newsletters. Students will be expected to demonstrate proficiency with Adobe Photoshop and QuarkXPress on the first day of the course. It is recommended that students take JMC 110 Photoshop and JMC 110 QuarkXPress before taking JMC 330. Students pay $20 lab fee.

JMC 336 - Radio Workshop .........................................................2 hours
Prereq: none
Students will write, perform in, and produce programming and announcements, as well as serve as staff for KLPR-FM, the student operated radio station.

JMC 340 - Media Sales ...............................................................3 hours
Prereq: none
Principles of professional sales with emphasis on prospecting, researching, qualifying, presenting, closing and servicing media clients.

JMC 343 - Television Workshop ...................................................2 hours
Prereq: JMC 215 or JMC 250 or JMC 265
Students will write, produce, and serve as production crew for a variety of television programming-- including news, sports, entertaining and other forms--to be aired on KFTW-TV, the campus cable television channel.

JMC 350 - Antelope Newspaper Production - News Staff ........2 hours
Prereq: JMC 215 or permission of instructor
Students will write and develop news, features and sports stories and articles for the student newspaper, The Antelope. May be repeated for a total of four hours.

JMC 351 - Antelope Newspaper Production - Advertising Staff ........3 hours
Prereq: JMC 130 or permission of instructor
Students will develop advertising accounts, sell and design ads for the student newspaper, The Antelope. May be repeated for a total of four hours.

JMC 352 - Antelope Newspaper Production - Photo Staff ............2 hours
Prereq: JMC 220 or permission of instructor
Students will take, process, and print pictures for the student newspaper, The Antelope. May be repeated for a total of four hours.

JMC 356 - Broadcast Announcing ..............................................3 hours
Prereq: none
Instruction in performance for television and radio including news, personality, live performance and voice over. Students will perform in each class period with direct audience feedback.

JMC 409 - Public Relations Strategy .............................................3 hours
Prereq: JMC 309
Case study analysis of public relations problems and procedures. Practice in creating materials which help organizations reach their publics.

JMC 416 - Interpretive Reporting .................................................3 hours
Prereq: JMC 215
Writing interpretive articles. Research and practice in understanding and evaluating contemporary problems and relating them to the social sciences.

JMC 420 - Advertising Campaigns .............................................3 hours
Prereq: none
Integrates, amplifies and applies previous advertising and marketing coursework. Focus is three-fold: 1) utilizing research to write sound advertising-based integrated marketing communication plans, complete with post tests for effectiveness; 2) creating the campaigns including proposed media plans and media buys; and 3) making client presentations. Special fee of $20 covers cost of Plans Book printed for each student.

JMC 425 - Topics in Mass Media ................................................3 hours
Prereq: none
The course examines various aspects of mass communication. The content of the course will be announced each time the course is offered. Possible topics include: public policy and the media; women, minorities and the media, and advanced web site design.

JMC 427 - Advanced Video Production ......................................3 hours
Prereq: JMC 265, JMC 343
Features single camera projects with close faculty supervision.

JMC 440 - Mass Media Research .................................................3 hours
Prereq: junior standing
The course is designed to accommodate the needs of students interested in understanding and conducting mass communications research. The course will introduce students to examples of mass communication research, as well as methods and typical research designs.

JMC 460 - Mass Media and Society .............................................3 hours
Prereq: junior standing
An examination of the theories, issues, and controversies surrounding the mass media. Particular emphasis will be given to press ethics, freedom and media effects.

JMC 475 - Internship in Mass Media ...........................................1-6 hours
Prereq: none
Supervised field experience with a cooperative agency in a media-related field. There will be an evaluation and review required with the sponsoring faculty member. Each student will be required to write an evaluation paper. The student must meet special requirements to

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
JMC Courses

09-10 - Multimedia Directed Study .......................1 hour
Prereq: senior standing
Students will work in teams in this course and will produce original multimedia productions in consultation with and directed by members of the Art and Art History, Computer Science and Information Systems, and Communication Departments. This is a capstone course for Multimedia majors and minors only and should be taken during the student’s senior year.

JMC 499 - Independent Study in Mass Media ..................1-3 hours
Prereq: permission of instructor
Special assignments in the field of mass communication. May be taken for a total of 6 hours.

MATH Courses

MATH 090 - Elementary Algebra ..................................3 hours
Prereq: none
Placement: ACT ≤ 16**
This course deals with elementary concepts of algebra which are usually taught at the 9th grade level. Emphasis is placed on developing functional competence in the several areas of algebra which are covered, and the content includes some practical applications. Not a General Studies course. Credit will not count toward any UNK degree.

MATH 101 - Intermediate Algebra ..........................3 hours
Prereq: MATH 090
Placement: 17 ≤ ACT ≤ 19** and 1 year of high school algebra
The course which includes a study of the properties of real numbers, polynomials, fundamental operations, factoring, exponents, and radicals, linear and quadratic equations, and other selected topics, all of which are necessary for the study of college algebra. Not a General Studies course.

MATH 102 - College Algebra .................................3 hours
Prereq: MATH 101*
Placement: ACT ≥ 20** and 2 years of high school algebra
A college level algebra course which includes a study of linear equations and inequalities, relations and functions, graphing of linear and quadratic functions, polynomial and rational functions, logarithmic and exponential functions, systems of equations, matrices, sequences and series, and other selected topics all of which are necessary for the study of calculus.

MATH 102L - College Algebra Laboratory ....................1 hour
Prereq: none
The lab provides the students with small group and cooperative learning experiences as well as the opportunity for additional problem and solutions experiences in a structural learning environment.

MATH 103 - Plane Trigonometry ............................3 hours
Prereq: MATH 102*
Placement: ACT ≥ 22** and 2 years of high school algebra
Study of trigonometric functions.

MATH 104 - Concepts in Mathematics and Statistics ....3 hours
Prereq: MATH 101*
Placement: ACT ≥ 20** and 4 years of high school mathematics
An algebra course designed specifically for students going into elementary education. Many of the topics are similar to topics found in a traditional college algebra course. However, topics from the areas of probability and statistics have been included to give the prospective elementary teacher the necessary background to meet state and national curriculum standards for elementary mathematics.

MATH 106 - Mathematical Concepts .......................3 hours
Prereq: MATH 101*
Placement: ACT ≥ 17** and 2 years of high school algebra
An enrichment course investigating the structure, aesthetics and philosophy of mathematics and its cultural relevance.

MATH 115 - Calculus I with Analytic Geometry ..........5 hours
Prereq: MATH 102*, MATH 103*
Placement: ACT ≥ 23** and 4 years of high school mathematics
Including 2 years of algebra, 1 year of geometry, and a senior level pre-calculus course
Limits and continuity, differentiation of algebraic and trigonometric functions, elementary integration (with applications) of algebraic and trigonometric functions.

MATH 120 - Finite Mathematics ................................3 hours
Prereq: MATH 102*
Placement: ACT ≥ 22 and 2 years of high school algebra
An introduction to modern mathematical concepts, with applications. Includes logic, set theory, probability, vectors, matrices, linear programming, and game theory.

MATH 123 - Applied Calculus I ..............................3 hours
Prereq: MATH 102*
Placement: ACT ≥ 22** and 4 years of high school mathematics
Including 2 years of algebra, 1 year of geometry, and a senior level pre-calculus course
The concepts of calculus with emphasis on applications to the areas of business, biology, economics, and the social and behavioral sciences. Credit cannot be received for both MATH 115 and 123.

MATH 202 - Calculus II with Analytic Geometry ........5 hours
Prereq: MATH 115*
Placement: ACT ≥ 25** and 1 year of high school calculus
A continuation of MATH 115 including the differentiation and integration of transcendental functions, methods of formal integration with applications, series.

MATH 230 - Math for Elementary Teachers I ..............3 hours
Prereq: MATH 102* or MATH 104* or permission

LNSK Courses

LNSK 075 - Learning Skills .....................................1 hour
(Credit does not count toward any degree.)
Prereq: none
The Learning Strategies Office also provides a variety of short courses or modules for students who wish to improve their learning techniques and skills. The areas of study have been designed to assist all participants who want aid in developing skills and habits that lead to academic success. Each of these modules is for one hour credit, but such credit does not count toward any degree. Since each module lasts for only five weeks, students may enroll in three modules in the same semester. The classes may be taken as independent studies or distance education.

LNSK 103 - University Foundations .......................3 hours
(Credit counts as an elective towards graduation if needed.)
Prereq: none
Students enrolled in the class will 1) clarify personal, educational, and professional goals; 2) obtain information about academic programs and requirements; 3) understand occupational implications of their educational choices; 4) develop and improve their study and time management skills; 5) become familiar with university procedures, resources, and services; and 6) develop a spirit of self-awareness, self-criticism, and self-esteem. This course meets for the entire semester.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
Placement: ACT ≥ 20** and 4 years of high school mathematics
including 2 years of algebra, 1 year of geometry, and a senior level
math course.
Numeration, sets, relations, bases, and a detailed development of the
number system from an elementary school point of view.

MATH 250 - Foundations of Math ......................... 3 hours
Prereq: MATH 115* or MATH 123*
Topics of sets and symbolic logic are studied with the objective of using
them in the detailed study of the nature of different types of proofs used
in mathematics. Also, the processes of problem solving are studied for
developing strategies of problem solving.

MATH 260 - Calculus III ................................. 5 hours
Prereq: MATH 202* or equivalent preparation

MATH 305 - Differential Equations .................. 3 hours
Prereq: MATH 260*
Methods of solution and applications of common types of differential equations.

MATH 310 - College Geometry ...................... 3 hours
Prereq: MATH 250*
Mathematical systems and re-examination of Euclidean geometry from
an advanced viewpoint.

MATH 330 - Math for Elementary Teachers II......... 3 hours
Prereq: MATH 230*
Algebraic and geometric topics as related to elementary mathematics.

MATH 350 - Abstract Algebra ......................... 3 hours
Prereq: MATH 250* or permission
An introduction to modern algebra, including a brief study of groups, rings,
integral domains and fields.

MATH 399 - Internship .................................. 1-4 hours
Prereq: none
On the job experience designed to complement the major. Internship
experiences are available only in selected areas. Consult with the
departmental advisor. MATH 399 is a credit/no credit course.

MATH 400 - History of Mathematics ............... 3 hours
Prereq: MATH 115*
An introduction to the history of mathematics from its primitive origins to
modern-day mathematics.

MATH 404 - Theory of Numbers ..................... 3 hours
Prereq: MATH 250* or permission
Properties of integers, congruencies, primitive roots, arithmetic functions,
quadratic residues, and the sum of squares.

MATH 413 - Discrete Mathematics .................. 3 hours
Prereq: MATH 250*
A study of the evolution of the number systems from the naturals through
the complex with emphasis on the complex. A detailed study of the topics
of discrete math including counting techniques, probability, graphs,
trees and relations.

MATH 414 - Theory of Compound Interest .......... 3 hours
Prereq: MATH 115* or MATH 123*
A study of the forces of interest, accumulated values, present value
factors, annuities certain, amortization schedules, sinking funds,
bonds, and securities.

MATH 420 - Numerical Analysis ....................... 3 hours
Prereq: MATH 260* or permission of instructor
The solution of nonlinear equations, interpolation and approximation,
numerical integration, matrices and system of linear equations, and
numerical solution of differential equations.

MATH 430 - Middle School Mathematics ........... 3 hours
Prereq: MATH 230* or permission
A study of additional topics found in grades 5-9 mathematics not covered
in MATH 230, 330, e.g. algebra, probability, calculators, computer
and statistics.

MATH 440 - Linear Algebra ............................ 3 hours
Prereq: MATH 115*
Vector spaces, linear transformations, matrices, and determinants.

MATH 460 - Advanced Calculus I ..................... 3 hours
Prereq: MATH 250*, MATH 260*
Functions, sequences, limits, continuity, differentiation and integration.

MATH 470 - Teaching of Secondary Mathematics ....... 3 hours
Prereq: MATH 260* or permission of instructor;
admission to Teacher Education
Recent trends in the content of the mathematics curriculum and of
procedures for the improvement of teaching mathematics in the
high school.

MATH 490 - Special Topics in Mathematics .......... 1-3 hours
Prereq: none
Topics chosen from the areas of mathematics appropriate to the student’s
program and will involve both formal lectures and independent study.

MATH 495 - Independent Study in Mathematics ....... 1-3 hours
Prereq: MATH 260* or permission
An individual investigation by the student of topics not included in the
normal mathematics offerings.

MATH 496 - Mathematics Seminar .................... 1 hour
Prereq: MATH 260* or permission
Topics not included in the normal mathematics offerings are presented
by the students.

MLSC Courses

MLSC 101 - Foundations of Officership .................. 1 hour
Prereq: permission of instructor
Issues and competencies central to a commissioned officer’s
responsibilities. Understanding officership, leadership, Army values
and life skills, such as physical fitness and time management.

MLSC 101L - Leadership Laboratory I ................... 1 hour
Take concurrently with MLSC 101.
This lab provides challenging, rewarding, and practical activities in
military skill development. Included are the development of confidence,
and learning the importance of teamwork in goal accomplishment.
Activities may include rappelling, land navigation and map reading,
marksmanship, survival training, personal defense activities, survival
swimming, military weapons, military drill, cardiopulmonary resuscitation
and first aid.

MLSC 102 - Basic Leadership .......................... 1 hour
Prereq: MLSC 101 or permission of instructor
This course is a study of the foundations of leadership. Students will
gain an understanding of problem solving, communications, military
briefings, effective writing, goal setting, physical well-being, techniques
for improving listening and speaking skills and counseling. (Military
membership is not required nor is any military obligation incurred.)
MLSC 102L is required with this course.

** ACT refers to the ACT Math Subscore. The indicated range of ACT
Math Subscores was current at the time of printing of this catalog. Consult
the Math Department for more current information.

MLSC Courses

Offered by the Military Science Program
College of Business and Technology

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for improving listening and speaking skills and counseling. (Military
membership is not required nor is any military obligation incurred.)
MLSC 102L is required with this course.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
MLSC 102L - Leadership Laboratory II .......................... 1 hour
Take concurrently with MLSC 102.

This lab provides challenging, rewarding, and practical activities in military skill development. Students will develop confidence and learn the importance of teamwork in goal accomplishment. Activities may include rappelling, land navigation and map reading, marksmanship, survival training, personal defense activities, survival swimming, military weapons, military drill, cardiopulmonary resuscitation and first aid. (Military membership is not required, nor is any military obligation incurred.)

MLSC 201 - Individual Leadership Studies ...................... 2 hours
Prereq: MLSC 101 or MLSC 102* or permission of instructor
Introduction to the functions, duties, and responsibilities of junior leaders. Emphasis is on the application of leadership skills in both military and civilian leadership roles. Practice communications skills necessary for leadership roles, especially in military environments. MLSC 201L is required with this course.

MLSC 201L - Leadership Laboratory III .......................... 1 hour
Take concurrently with MLSC 201.

Second-year leadership lab continues the development of confidence, military skills, and a sense of teamwork. Students may be selected to fill student leadership positions within the GOLD Program. The variety of activities parallel those conducted during the first year of the laboratory.

MLSC 202 - Leadership and Teamwork .......................... 2 hours
Prereq: MLSC 201* or permission of instructor
A study of the fundamental leadership techniques used to build effective teams. Activities will center on the role of the officer and non-commissioned officers in leadership. This course will also include the study of effective communications within groups, creativity in problem solving and how to motivate subordinates and peers. These skills will be applied in the context of military environments, such as map reading and land navigation, and Army tactics.

MLSC 301 - Leadership and Problem Solving .................. 3 hours
Prereq: MLSC 301 or permission of instructor
This course will use advanced small unit operations and tactical communications to improve student leadership skills. Students will explore the role of communications, values, and ethics in effective leadership. Students will also investigate ethical decision making, consideration of others, spirituality in the military and Army leadership doctrine. Additionally, students will improve written and oral communications by preparing and issuing operations orders and will receive direct feedback on leadership abilities.

MLSC 302 - Leadership and Ethics ............................ 3 hours
Prereq: MLSC 301, MLSC 302* or permission of instructor
This course is conducted, off-campus, for a two week period in the summer with classes daily. Students will be assigned to and evaluated on various leadership positions in an intense, 24-hour-a-day, learning environment. Learning will focus on physical training, land navigation, drill and ceremonies, Army training management, air mobile operations, risk management, and tactical exercises.

MLSC 336 - ROTC Internship ..................................... 6 hours
Prereq: permission of professor of military science
This course grants academic credit for participation at LDAC in Ft. Lewis, Washington. LDAC consists of practical application of cadet leadership and academic knowledge. First aid, survival training, and physical conditioning techniques are also evaluated in a military environment using equipment and resources not available on campus. LDAC is conducted during the summer session and lasts four weeks.

MLSC 399 - Independent Study ............................... 1-3 hours
Prereq: permission of professor of military science
Academic credit can also be earned by successful completion of four weeks of summer leadership training at the Leader’s Training Course, Ft. Knox, Kentucky. Opportunity to expand study of the Army beyond the levels presented in programmed courses. Studies may approach military leadership, military history or contemporary issues from a broad perspective or more narrowly defined in-depth analysis.

MLSC 401 - Developing Adaptive Leaders .................... 3 hours
Prereq: MLSC 302*
This course develops the student and his/her proficiencies in planning and executing complex operations, functioning as a member of a battalion staff and mentoring subordinates. The course focuses on training management, methods of effective staff collaboration, and developmental counseling techniques. Professionalism and ethics provide the student with opportunities to assess risk and make ethical decisions.

MLSC 402 - Leadership in a Complex World .................... 3 hours
Prereq: MLSC 401
This course includes case study analysis of military law and practical exercises in establishing an ethical command climate. Students will complete a semester-long Senior Leadership Project that requires: planning, organizing, collaborating, analyzing and demonstrating leadership skills. This course will prepare the student for Basic Officer Leader Courses II & III and for leadership in complex situations in the contemporary operating environment.

MLSC 403 - Military Leadership and Management ............. 3 hours
Prereq: MLSC 303*
This course develops the leadership skills expected of junior officers. Learning will focus on the heritage and history of the military, improvement of communicative skills, ethics, military intelligence, and management of supply activities. Students will also function as a member of a staff which is responsible for mentoring subordinates and managing training conducted in leadership labs.

MLSC 404 - Military Officership ............................... 3 hours
Prereq: MLSC 403*
This course develops the skills, attitudes, and knowledge required of a second lieutenant. Learning will focus on military justice, Army operations and tactics, and the use of indirect fire in Army operations. Students will also understand the structure and function of an Army staff and participate as a member of a battalion staff.

MLSC 405 - Officer Candidate School - Phase 3 .............. 3 hours
Prereq: MLSC 303*, MLSC 403*, MLSC 404*
This course grants academic credit for participation at Officer Candidate School – Phase 3 at Ft. Lewis, Washington or Fort Meade, South Dakota. Phase 3 of OCS consists of practical application of candidate leadership and academic knowledge. Troop leading procedures, drill and ceremonies, and squad and platoon tactics are evaluated. Candidates will also be introduced to the Modern Army Combatives Program, Military Operations in an Urban Environment, and airmobile operations. Officer Candidate School – Phase 3 is conducted during the summer session and lasts two weeks.

MLSC 499 - Independent Study ............................... 1-3 hours
Prereq: permission of professor of military science
Academic credit can also be earned by successful completion of professional development programs such as Airborne, Air Assault,
**MUS Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 98</td>
<td>Fundamentals of Music</td>
<td>1 hour</td>
<td>none</td>
</tr>
<tr>
<td>MUS 100GS</td>
<td>Introduction to Music</td>
<td>3 hours</td>
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<td>MUS 101</td>
<td>American Musical Theatre</td>
<td>1 hour</td>
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<tr>
<td>MUS 103</td>
<td>Symphonic Band</td>
<td>1 hour</td>
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<tr>
<td>MUS 107GS</td>
<td>Introduction to Rock and Blues</td>
<td>3 hours</td>
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<td>MUS 109</td>
<td>Introduction to Music Education</td>
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<tr>
<td>MUS 110</td>
<td>Brass Techniques</td>
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<tr>
<td>MUS 111</td>
<td>Woodwind Techniques</td>
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<td>MUS 114</td>
<td>Percussion Techniques</td>
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<td>MUS 118</td>
<td>Guitar Techniques</td>
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<td>MUS 120</td>
<td>String Techniques</td>
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<tr>
<td>MUS 122</td>
<td>Conducting</td>
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<tr>
<td>MUS 129</td>
<td>Class Voice</td>
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<tr>
<td>MUS 130</td>
<td>Voice Techniques</td>
<td>1 hour</td>
<td>permission of instructor</td>
</tr>
<tr>
<td>MUS 135</td>
<td>Private Instruction for Non-Majors</td>
<td>1 hour</td>
<td>permission of instructor</td>
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<tr>
<td>MUS 140</td>
<td>Piano Techniques I</td>
<td>1 hour</td>
<td>ability to read musical notation</td>
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<tr>
<td>MUS 141</td>
<td>Piano Techniques II</td>
<td>1 hour</td>
<td>grade of C- in MUS 140</td>
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<tr>
<td>MUS 145</td>
<td>Diction for Singers I</td>
<td>1 hour</td>
<td>none</td>
</tr>
<tr>
<td>MUS 149</td>
<td>Private Instruction, Secondary Instrument</td>
<td>1 hour</td>
<td>permission of instructor</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
MUS 150 - Private Instruction, Primary Instrument ...............1 hour
Prereq: music major or minor; permission of instructor
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length for one hour of credit. All students enrolled in MUS 150 are required to attend ten recitals and/or concerts each semester. A jury examination is usually required at the end of each semester. A private lesson fee will be assessed.

MUS 151 - Private Instruction, Primary Instrument ...............2 hours
Prereq: music major or minor; permission of instructor
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 151 are required to attend ten recitals and/or concerts each semester. MUS 151 may not be taken in lieu of two semesters of MUS 150. A jury examination is usually required at the end of each semester. A private lesson fee will be assessed.

MUS 159GS - Piano Fundamentals ........................................1 hour
Prereq: none
Fundamentals of music as applied to the keyboard. Designed for students with little or no previous musical training. Note and rhythm reading on the keyboard will be emphasized. Credit may not be applied to a music major or minor.

MUS 165 - Small Ensembles .................................................1 hour
Prereq: none
Instrumental, vocal and keyboard ensembles. Consult with instructor before registering. Students may register as many times as desired, but may not receive more than two hours of credit in any one term.

MUS 166 - Accompanying ......................................................2 hours
Prereq: permission of instructor
An introduction to the art of accompanying vocal and instrumental literature.

MUS 167 - Practicum in Accompanying.................................1-2 hours
Prereq: MUS 166 or permission of instructor
Practical application of collaborative rehearsal techniques and performance skills learned in MUS 166. Assignments will be based on performance level, experience, and departmental needs and may range from accompanying private voice/instrumental lessons and recitals to large ensembles.

MUS 173 - Choraleers .........................................................1 hour
Prereq: none
A select mixed voice choir performing chamber choral repertoire. Open to all university students through audition.

MUS 174 - University Men's Chorus ....................................1 hour
Prereq: none
A men's singing group performing standard male chorus repertoire, including popular, Broadway, folk, spirituals, and fraternity songs. Open to all men in the university community.

MUS 175 - University Women's Chorus ...............................1 hour
Prereq: none
A women's singing group performing repertoire from classics to popular, Broadway to spirituals. Open to all women in the university community.

MUS 177 - Opera Workshop .................................................1-3 hours
Prereq: none
A course for singers who want to perform works from opera, operetta, and musical theatre repertoire in scenes, one-acts, or full productions. Open to all university students through audition and placement.

MUS 178 - Nebraskats .........................................................1 hour
Prereq: none
A select show choir performing a wide variety of popular music. Open to all university students through audition. Extensive performing throughout the year and annual tour.

MUS 179 - Collegium ............................................................1 hour
Prereq: none
A select small vocal ensemble performing 16th-20th century a cappella music. Open to members of Choraliers through audition.

MUS 180 - Jazz/Rock Ensemble ............................................1 hour
Prereq: none
An instrumental big band performing contemporary and traditional jazz and rock music. The ability to read music is required. Open to all university students through audition in the fall semester.

MUS 189 - Music Business Field Study .................................1 hour
Prereq: none
A field study to music businesses, trade shows, conventions, etc. involved in the music business industry. Students will keep a written journal of observations. Offered occasionally. (Credit/No-Credit)

MUS 198 - Sight Singing and Ear Training I ........................1 hour
Prereq: none
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 200.

MUS 199 - Sight Singing and Ear Training II ......................1 hour
Prereq: grade of C- in MUS 198
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 201.

MUS 200 - Theory I ..............................................................3 hours
Prereq: none
Rudiments of music, including melodic and rhythmic notation, scales, key signatures, intervals, and chord structure. Elementary harmonic analysis, with non-harmonic tones. Should be taken concurrently with MUS 198.

MUS 201 - Theory II ............................................................3 hours
Prereq: grade of C- in MUS 200
Continuation of melodic and harmonic analysis. Harmonization of chorales and other melodies, using diatonic triads, dominant and leading tone seventh chords, and modulation. Should be taken concurrently with MUS 199.

MUS 211 - Sound Recording and Reinforcement ..................2 hours
Prereq: none
An introduction to the basic techniques of sound recording and reinforcement of music and how they apply to the music industry. The course focuses on microphones, mixers, signal processing, recording hardware and software, amplifiers, and speakers. The course includes a laboratory experience utilizing audio equipment and software common to music sound production.

MUS 220 - Kearney Area Symphony Orchestra .....................1 hour
Prereq: none
A symphony orchestra made up of UNK faculty and students, as well as instrumentalists from the community, performing classical and pops concert repertoire, opera, musicals, and large works with choir. Open to all who qualify through audition. Meets one evening per week.

MUS 240 - Piano Techniques III ...........................................1 hour
Prereq: grade of C- in MUS 141
Continuation of Piano Techniques II, with emphasis on harmonization,
MUS 241 - Piano Techniques IV ........................................... 1 hour
Prereq: grade of C- in MUS 240*
Continuation of Piano Techniques III, with addition of accompanying.
Designed to prepare music education, pre-music therapy, musical
theatre, and vocal and instrumental performance majors for the piano
proficiency examination.

MUS 245 - Diction for Singers II ........................................... 1 hour
Prereq: MUS 145
Continuation of Diction for Singers. Teaches the use of the International
Phonetic Alphabet (IPA), manner and placement of articulation for
both German and French, concentrating on diction comprehension
for singers.

MUS 247 - Women Composers and Their Music:
A Historical Approach ..................................................... 3 hours
Prereq: none
A survey of women composers and their music throughout history, from
the middle Ages to the present. A major focus of the course is the
actual music, in written and/or recorded form. Historical, sociological
and psychological factors affecting women composers in each period
will also be included.

MUS 260 - Keyboard Harmonization ..................................... 1 hour
Prereq: competent keyboard facility and permission of instructor
A course for students with keyboard facility, designed to satisfy piano
proficiency requirements for majors and minors, taken in lieu of the
Piano Techniques sequence. Keyboard harmonization, transposition,
improvisation, score reading, solo and ensemble repertoire, sequencing
and sight reading.

MUS 301 - Music Technology ................................................. 2 hours
Prereq: none
A survey of the technological advances in music. The course focuses
on the computer as a music tool, music software, Musical Instrument
Digital Interface (MIDI), electronic music instruments, music synthesis
and sampling, and electronic musical communication.

MUS 310 - Music Business ..................................................... 3 hours
Prereq: none
A survey of the business aspects of the music industry with an emphasis
on merchandising, recording, publishing, managing, broadcasting,
promotion, licensing, and copyrights. Includes information on career
planning and development.

MUS 324 - Musical Theatre Coaching I ................................. 1 hour
Prereq: MUS 150 (voice) or permission of instructor
An introduction to interpretation of Broadway musical songs;
examination of lyrics as script through books lyrics and scores with
practical application.

MUS 325 - Musical Theatre Coaching II ................................ 1 hour
Prereq: MUS 324* or permission of instructor
A continuation of MUS 324 with greater emphasis on physicalization of
songs, exploration of literature for voice/character type, and learning
to prepare a song for audition.

MUS 326 - Musical Theatre Coaching III ................................ 1 hour
Prereq: MUS 150 (voice); MUS 325*; an introductory acting course
or an introductory dance course; permission of instructor
A continuation of MUS 325 with greater emphasis on building a working
repertoire of various types of Broadway songs.

MUS 327 - Musical Theatre Coaching IV ............................. 1 hour
Prereq: MUS 326* or permission of instructor
A continuation of MUS 326 with special consideration given to performance
of duets and small ensembles.

MUS 330 - Music Methods for the Elementary Teacher ............ 3 hours
Prereq: Elementary Education, Middle Level
or Early Childhood Unified major
Basic musical skills methods and materials for the elementary
classroom teacher.

MUS 337 - Sight Singing and Ear Training III ....................... 1 hour
Prereq: grade of C- in MUS 199*
Sight singing of standard music materials including chromaticism. Ear
training of melodic, rhythmic and harmonic materials. Should be taken
concurrently with MUS 339.

MUS 338 - Sight Singing and Ear Training IV ....................... 1 hour
Prereq: grade of C- in MUS 337*
Sight singing of standard music materials including chromaticism. Ear
training of melodic, rhythmic and harmonic materials. Should be taken
concurrently with MUS 340.

MUS 339 - Theory III ......................................................... 3 hours
Prereq: grade of C- in MUS 199* and in MUS 201*
An intensive study of diatonic and chromatic harmonic structures and
processes. Harmonic analysis of music for various performance media
taken mostly from the Romantic period. Should be taken concurrently
with MUS 337*.

MUS 340 - Theory IV ......................................................... 3 hours
Prereq: grade of C- in MUS 339*
Continuation of Theory III. Introduction to late 16th century and 18th
century counterpoint. Introduction to the expansion of harmonic
resources from the period of Impressionism to the present. Should be
taken concurrently with MUS 338.

MUS 341 - Counterpoint .................................................... 2 hours
Prereq: MUS 199*, MUS 201*
Study of contrapuntal writing in 18th century style.

MUS 350 - Advanced Private Instruction ............................ 1 hour
Prereq: three semesters of MUS 150/MUS 151, Advanced Standing status,
permission to enroll from the instructor and the department chairman
Advanced private instruction for music majors with Advanced Standing
status. A minimum number of 350/351 credit hours are required per
degree program (consult individual programs). Piano, organ, voice,
string, wind or percussion instruments. At least five hours of practice per
week are required for one hour of credit. Lessons are one-half hour in
length. All students enrolled in MUS 350 are required to attend ten recitals
and/or concerts each semester. A jury examination is usually required at
the end of each semester. A private lesson fee will be assessed.

MUS 351 - Advanced Private Instruction ......................... 2 hours
Prereq: three semesters of MUS 150/MUS 151, Advanced Standing status,
permission to enroll from the instructor and the department chairman
Advanced private instruction for music majors with Advanced Standing
status. A minimum number of 350/351 credit hours are required per
degree program (consult individual programs). Piano, organ, voice,
string, wind or percussion instruments. At least ten hours of practice per
week are required for two hours of credit. Lessons are one hour in
length. All students enrolled in MUS 351 are required to attend ten recitals
and/or concerts each semester. MUS 351 may not be taken in
lieu of two semesters of MUS 350. A jury examination is usually required
at the end of each semester. A private lesson fee will be assessed.

MUS 357 - Elementary/Junior High General Music ................ 3 hours
Prereq: MUS 198, MUS 200, junior standing
Methods and materials for the elementary music classroom. The course
will address the National Standards for Music Education as well as
current trends in classroom instruction. Observation in a public school
setting is an integral part of the course.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
MUS 356 - Field Experience in Music Education ................. 1 hour
Prereq: none
Coreq: MUS 357*
This 50 clock hour minimum field-based experience in music education is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing K-12 music educator, students will progress through a three-stage process including assisting, co-
teaching, and limited teaching. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.

MUS 365 - Form and Analysis .................................. 2 hours
Prereq: MUS 339*
Study of the architecture of music. Analysis of harmonic, melodic, rhythmic and formal elements in the works of representative composers.

MUS 375 - Music Business Field Experience ..................... 3 hours
Prereq: MUS 310
A practical experience designed to provide observation and supervised participation in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees in various aspects of the business.

MUS 406 - Instrumental Conducting & Literature .................. 3 hours
Prereq: MUS 199*, MUS 201*, large ensemble
The technique of the baton, score interpretation, rehearsal techniques, and a literature search of instrumental repertoire for all levels of education.

MUS 407 - Choral Conducting and Literature ........................ 3 hours
Prereq: MUS 199*, MUS 201*, large ensemble
The technique of the baton score interpretation rehearsal techniques and a literature search of choral repertoire for all levels of education.

MUS 425 - Arranging ........................................... 2 hours
Prereq: MUS 339*
Comprehensive study of arranging vocal and instrumental ensembles with emphasis on creativity.

MUS 430 - Vocal Pedagogy ...................................... 3 hours
Prereq: four semesters of MUS 150 or MUS 350* (voice);
junior standing OR permission of the instructor
An introductory study of the voice as it relates to singing; anatomy and physiology of the voice; comparison of teaching techniques.

MUS 432 - Fundamentals of Piano Pedagogy I ...................... 3 hours
Prereq: permission of instructor
An introduction to the basic concepts, skills and techniques necessary for successful teaching at the elementary level. Overview of methods and materials for average-age beginners; studio operation.

MUS 433 - Fundamentals of Piano Pedagogy II ...................... 2 hours
Prereq: MUS 432 or permission of instructor
A continuation of Fundamentals of Piano Pedagogy I with emphasis on group teaching; materials methods and techniques for teaching adult, pre-school and transfer students.

MUS 434 - Advanced Piano Pedagogy I: History, Philosophies and Principles of Piano Pedagogy .................. 2 hours
Prereq: MUS 433* or permission of instructor
Advanced studies in teaching philosophies and principles of piano pedagogy; teaching functional and musicianship skills; building technique.

MUS 435 - Advanced Piano Pedagogy II: Pedagogical Approaches to Keyboard Literature .................. 2 hours
Prereq: MUS 434* or permission of instructor
Advanced studies in pedagogical approaches to keyboard literature musicianship performance and performance practice; adjudication; diagnostic procedures; sequencing repertoire.

MUS 436 - Internship in Piano Teaching .......................... 2 hours
Prereq: MUS 434* or permission of instructor
Practical application of teaching skills learned in MUS 432-434. Includes direct observation of and consultation with experienced teachers, supervised teaching, written evaluations and personal conferences with the piano pedagogy instructor.

MUS 447 - Music History and Literature I ......................... 3 hours
Prereq: grade of C- in MUS 199* and in MUS 201*
OR permission of instructor
A survey of the development of western music from Plato to 1800 providing insight into fundamental compositional style elements and performance practices of each historical period within a socio-politico-economic context. Students will become acquainted with landmark composers and compositions.

MUS 448 - Music History and Literature II ....................... 3 hours
Prereq: grade of C- in MUS 199* and in MUS 201*
OR permission of instructor
This course is designed to provide a general understanding of the development of western music from 1800 to the present and is intended as a sequel to MUS 447. Prior completion of MUS 447 is recommended.

MUS 450 - Survey of Art Song .................................... 3 hours
Prereq: MUS 448* or permission of instructor
An historical examination of the Art Song literature from the 17th century to the present.

MUS 451 - History & Literature of Opera ......................... 3 hours
Prereq: MUS 448* or permission of instructor
An historical survey of operatic literature of Italy, France, England, Germany, Austria, Russia, and the United States from the 17th century to the present.

MUS 456 - Piano Literature I .................................... 3 hours
Prereq: MUS 448* or permission of instructor
A survey course discussing the structure, style, and history of piano literature from the Baroque through early Romantic periods.

MUS 457 - Piano Literature II .................................... 3 hours
Prereq: MUS 448* or permission of instructor
A survey course discussing the structure, style, and history of piano literature from the Romantic Period through the 20th century.

MUS 460 - Independent Study and Research ...................... 1-4 hours
Prereq: permission of instructor and department chair
Independent research or special assignment to the student’s major field. Six hours of cumulative credit may be earned.

MUS 468 - Secondary School Music ................................ 3 hours
Prereq: MUS 357*, MUS 406*, MUS 407*, junior standing
Examination of methods and materials appropriate for teaching and administering a comprehensive secondary school music program.

MUS 473 - Special Topics in Music Business ...................... 1-3 hours
Prereq: MUS 310, permission of program director
Advanced, independent, in-depth investigations into specific topics related to the Music Industry. Topics of study are tailored to meet the needs of the student. The format of the course will vary depending on the topic. Must have special permission of music business program director to enroll. This course may be repeated to a maximum of three hours. SP.

MUS 474 - Music Business Project ................................ 1 hour
Prereq: permission of program director
Independent investigation of a career in music business with research in the area of the student’s specialization under the supervision of the music business program director.

MUS 475 - Internship in Music Business ......................... 9-15 hours
Prereq: MUS 474, permission of program director
A practical experience designed to provide observation and supervised work in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees for a total of 500 hours in various aspects of the business.

**MUS 485 - Seminar in Opera Technique and Performance** ...3 hours
Prereq: permission of instructor
A study of available operas with regard to casting, rehearsal techniques, staging, management, and performance. An opera will be selected, rehearsed and performed as the culmination of the course.

**MUS 486 - Marching Band/Jazz Ensemble Methods** ..........3 hours
Prereq: none
An in-depth analysis of how to design and write marching band drill for both halftime and competition shows.

**MUS 488 - Recital** .................................................................1 hour
Prereq: junior standing, permission of instructor
Required of all candidates for the BM degree with a music performance and musical theatre emphasis. Other majors at the discretion of the applied instructor. May be repeated for credit

**MUS 499 - Music Special Topics** .................................................1-3 hours
Prereq: none
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.

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### PE Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
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<tbody>
<tr>
<td>PE 100</td>
<td>Principles of Physical Education</td>
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<tr>
<td>PE 100GS</td>
<td>Activity Class</td>
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</tr>
<tr>
<td>PE 110GS</td>
<td>Basic Sports</td>
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<tr>
<td>PE 111</td>
<td>Intercollegiate Sports</td>
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<tr>
<td>PE 112</td>
<td>Conditioning and Weight Training</td>
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<tr>
<td>PE 121</td>
<td>Sports Skills for Physical Education</td>
<td>2 hours</td>
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<tr>
<td>PE 160GS</td>
<td>Healthful Living</td>
<td>3 hours</td>
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<tr>
<td>PE 161</td>
<td>Adapted Activities</td>
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<tr>
<td>PE 174A</td>
<td>Clinical Level One A</td>
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<td>Prereq: PE 174A</td>
</tr>
<tr>
<td>PE 174B</td>
<td>Clinical Level Two A</td>
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<td>Prereq: PE 174B*</td>
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<td>PE 174C</td>
<td>Clinical Level Three A</td>
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<td>PE 174D</td>
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<td>PE 174E</td>
<td>Clinical Level Three B</td>
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<td>PE 210</td>
<td>Scuba</td>
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<tr>
<td>PE 211</td>
<td>Advanced Sports</td>
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<tr>
<td>PE 220</td>
<td>Teaching Aerobic and Anaerobic Activities</td>
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<tr>
<td>PE 221</td>
<td>Teaching Sport and Leisure Activities</td>
<td>2 hours</td>
<td>Prereq: completion of required PE 110GS courses</td>
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<td>PE 226</td>
<td>Elementary School Health Teaching</td>
<td>1 hour</td>
<td>Prereq: PE 160GS</td>
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<td>PE 229</td>
<td>Wellness Interventions</td>
<td>3 hours</td>
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*This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*
PE 230 - Sports Officiating ................................................. 1-2 hours
Prereq: none
Sections in football, volleyball, basketball, wrestling, and track and field officiating will be offered.

PE 240 - Non-Rhythmic Activities for Elementary Schools ...2 hours
Prereq: completion of required PE 110GS courses
Techniques of teaching perceptual-motor activities, fundamental movement skills, sports skills, low-organized and lead-up games, self-testing activities, story plays and mimetics.

PE 241 - Rhythmic Activities for Elementary Schools ..........2 hours
Prereq: completion of required PE 110GS courses
Techniques of teaching fundamental rhythms, creative dance, singing games, rhythm band, square and folk dance, social mixers and ballroom dance.

PE 250 - Athletic Injury Assessment I: LE ..................3 hours
Prereq: PE 264
A comprehensive study of the commonly accepted techniques used to clinically evaluate athletic injuries/conditions of the trunk and lower extremity, for the purpose of determining the type and severity so that appropriate injury management and referral may occur. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.

PE 251 - Athletic Injury Assessment II: UE ....................3 hours
Prereq: PE 174A, PE 250*
A comprehensive study of the commonly accepted techniques used to clinically evaluate athletic injuries/conditions of the head, spine and upper extremity, for the purpose of determining the type and severity so that appropriate injury management and referral may occur. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.

PE 260GS - First Aid, Responding to Emergencies ...........2 hours
Prereq: none
American Red Cross Standard First Aid and Personal Safety. American Red Cross certificate may be earned.

PE 261 - Community First Aid and Safety Instructor ........2 hours
Prereq: current American Red Cross Standard First Aid and Personal Safety Certificate
Successful completion of course may qualify candidate to receive the American Red Cross Standard First Aid and Personal Safety Instructor Authorization.

PE 262 - Community Cardiopulmonary Resuscitation ........1 hour
Prereq: none
American Red Cross CPR and emergency techniques are taught.

PE 264 - Foundation of Athletic Training ......................2 or 4 hours
Prereq: none
American Red Cross designed course providing methods of providing emergency first aid care and injury prevention techniques. Geared mainly to sports and fitness populations.

PE 264L - Foundation of Athletic Training Lab ..............0 hours
Take concurrently with PE 264.

PE 265 - Advanced First Aid & Critical Care ..................2 hours
Prereq: none
This course is designed to offer students information and skills that will prepare them for providing basic first aid and life support to individuals suffering from illness or injury. Successful completion of each aspect of the course will qualify each student to be certified by the American Red Cross in Automated External Defibrillator, Professional Rescuer CPR for the Child, Infant and Adult, Oxygen Administration, and Preventing Disease Transmission.

PE 270 - Laboratory Experience in Intramurals..................1-3 hours
Prereq: permission of instructor
Students will be assigned to officiate in the intramural program.

PE 300 - Introduction to Human Physiology of Exercise ......3 hours
Prereq: none
Provides a foundation of scientific basis for understanding the body's anatomical structures and physiologic responses to acute exercise, as well as its adaptations to chronic exercise. Prior coursework in chemistry is recommended, but fundamentals in these areas will be reviewed when necessary. Lecture and lab format.

PE 304 - Motor Learning and Development ....................3 hours
Prereq: none
Course will address changes in motor behavior over life span with emphasis on childhood through adolescence. Learning of motor skills addressed with particular emphasis on factors of instruction that can be manipulated to ensure acquisition of motor skills.

PE 311 - Water Safety Instructor ..................................3 hours
Prereq: none
Preparation in management and maintenance of swimming pools and methods of swim instruction. Red Cross Water Safety Instructor Certificate may be awarded at the discretion of instructor.

PE 318 - Volleyball Theory ..............................................2 hours
Prereq: none
Individual and team play for prospective coaches. Fall semester.

PE 321 - Football Theory ...............................................3 hours
Prereq: none
Offenses and defenses for a high school team. Administration of a complete season of practices and games. Fall semester.

PE 333 - Basketball Theory ............................................3 hours
Prereq: none
Individual and team play for prospective coaches.

PE 334 - Track Theory ....................................................3 hours
Prereq: none
Techniques, form and training schedules for track and field events, including administration of track meets.

PE 336 - Baseball/Softball Theory .................................3 hours
Prereq: none
Skills, strategies, and problems of coaching a high school team. Spring Semester.

PE 340 - Non-Rhythmic Physical Education ....................1 hour
Prereq: none
Techniques of teaching: Fundamental movement skills, sport skills, low organized games, physical fitness, rope jumping, creative movement.

PE 350 - Therapeutic Modalities in Athletic Training ........4 hours
Prereq: PE 174A, PE 250*
Training in the practice and use of a variety of therapeutic modalities in the treatment of athletic injuries will be presented. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.

PE 350L - Modalities in Athletic Training Laboratory .......0 hours
Take concurrently with PE 350*.

PE 360 - Human Anatomy and Kinesiology ....................4 hours
Prereq: PE 310 or BIOL 215GS* or BIOL 225*
or permission of instructor
Structure and function of the human skeleton, muscles and joints, analysis of human movement as applied to sports and physical education.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 361</td>
<td>Integrating Movement and Dance</td>
<td>1</td>
<td>none</td>
<td>This course is about the integration of movement and dance across the pre-school through grade six curriculum.</td>
</tr>
<tr>
<td>PE 370</td>
<td>Administration of Intramurals</td>
<td>1-3</td>
<td>permission of instructor</td>
<td>Student will perform administrative responsibility for the intramural program.</td>
</tr>
<tr>
<td>PE 373</td>
<td>Field Experience in Secondary School Physical Education</td>
<td>2</td>
<td>permission of instructor</td>
<td>Student will be assigned as an assistant teacher or coach in an area secondary school. (Credit/No Credit.)</td>
</tr>
<tr>
<td>PE 374</td>
<td>Field Experience in University Physical Education</td>
<td>1-3</td>
<td>permission of instructor</td>
<td>Student will be assigned to assist a UNK instructor with a physical education activity.</td>
</tr>
<tr>
<td>PE 375</td>
<td>Rehabilitation Techniques in Athletic Training</td>
<td>4</td>
<td>PE 174A, PE 174B, PE 250*, PE 251*, PE 264, PE 350*</td>
<td>An examination of the basic components of a comprehensive rehabilitation and reconditioning program. Subjects to be covered include: determining therapeutic goals and objectives, methods of evaluating and recording rehabilitation progress, creation and implementation of therapeutic exercise protocol for common athletic injuries and the development of criteria for progression and return to competition.</td>
</tr>
<tr>
<td>PE 375L</td>
<td>Rehabilitation Techniques in Athletic Training Laboratory</td>
<td>0</td>
<td></td>
<td>Take concurrently with PE 375.</td>
</tr>
<tr>
<td>PE 380</td>
<td>Diagnostic-Prescriptive Techniques for Adapted Physical Education</td>
<td>3</td>
<td>none</td>
<td>Evaluation instruments utilized in adapted physical education will be described and critically analyzed. Students will acquire competencies related to administration of these instruments, interpretation of results, and prescription of remedial or developmental activities.</td>
</tr>
<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
<td>none</td>
<td>Study of psychological principles and theories of athletics.</td>
</tr>
<tr>
<td>PE 402</td>
<td>Sociology of Sport</td>
<td>3</td>
<td>none</td>
<td>Background in sport history/philosophy, sport sociology, sport in society, minorities and women in sport, as sport has evolved in American society.</td>
</tr>
<tr>
<td>PE 403</td>
<td>Sport Economics</td>
<td>3</td>
<td>none</td>
<td>In-depth examination of economic impact organized intercollegiate and professional athletics and sports play in lives of individuals communities, institutions and nations. Comprehensive investigation of financial inputs and values into nation's economy from sport and leisure industry and potential for growth.</td>
</tr>
<tr>
<td>PE 420</td>
<td>Methods in Health and Physical Education</td>
<td>3</td>
<td>admission to Teacher Education</td>
<td>Applies principles of teaching elementary and/or secondary school physical education and health.</td>
</tr>
<tr>
<td>PE 421</td>
<td>Administration of High School Athletics</td>
<td>2</td>
<td>none</td>
<td>Administrative practices with which the high school coach needs to be familiar. Includes regulations of Nebraska School Activities Association.</td>
</tr>
<tr>
<td>PE 422</td>
<td>Administration of Strength Programs</td>
<td>2</td>
<td>PE 360* or permission of instructor</td>
<td>Principles and procedures for administering a strength program at the high school level.</td>
</tr>
<tr>
<td>PE 425</td>
<td>Legal Aspects of Sport and Recreation</td>
<td>3</td>
<td>none</td>
<td>Comprehensive examination of legal issues which influence formulation and modification of policies controlling operations of athletics/physical education programs at collegiate level recreation programs, and professional sports programs.</td>
</tr>
<tr>
<td>PE 426</td>
<td>Instructional Strategies in Adapted Physical Education</td>
<td>3</td>
<td>none</td>
<td>Detailed study of effective strategies for integration of handicapped students into activities of the regular class, strategies for individualizing instruction and procedures for implementation of objective-based instruction.</td>
</tr>
<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Tourism</td>
<td>3</td>
<td>none</td>
<td>Principles, applications and techniques of marketing, promotions, corporate sponsorships, and fundraising.</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Tourism</td>
<td>3</td>
<td>none</td>
<td>Management, leadership, organizational development, communication, budget administration principles and legal aspects needed for a recreation, sport or tourism administrator.</td>
</tr>
<tr>
<td>PE 441</td>
<td>Physical Education for Elementary Schools</td>
<td>3</td>
<td>PE 240*, PE 241*</td>
<td>Teaching and organization activities and methods for elementary grades. Includes consideration of the exceptional child and early childhood education.</td>
</tr>
<tr>
<td>PE 450</td>
<td>Curriculum and Assessment for Physical Education</td>
<td>3</td>
<td>PE 100 or PE 221*</td>
<td>Curriculum organization and administrative procedures for a secondary school physical education program. Student should have completed basic sports requirement prior to enrollment.</td>
</tr>
<tr>
<td>PE 460</td>
<td>Gross Anatomy of Movement</td>
<td>3</td>
<td>PE 360 OR BIOL 225*, BIOL 226*</td>
<td>Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize and assist in dissection of human cadavers.</td>
</tr>
<tr>
<td>PE 461</td>
<td>Physiology of Exercise</td>
<td>4</td>
<td>PE 310 or BIOL 215GS* or BIOL 226*</td>
<td>Physiological processes of body as pertain to physical activity. How trained and untrained individuals differ, and importance of training.</td>
</tr>
<tr>
<td>PE 463</td>
<td>Health Safety Elementary School</td>
<td>3</td>
<td>PE 160GS</td>
<td>Curriculum development, teaching methods and selection of learning materials for health instruction in the elementary school.</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
PE 464 - Secondary School Health .................................3 hours
Prereq: PE 160GS
Developing a curriculum in secondary school health. Health services and environment for health in the secondary school are discussed.

PE 467 - Fitness Testing ..............................................3 hours
Prereq: PE 461*
Techniques and theory of testing for personal fitness. Measures include vital capacity, body density, stress testing, aerobic and anaerobic fitness.

PE 468 - Public Health Aspects of Physical Activity ........3 hours
Prereq: PE 467* or permission of the instructor
Trends and situations in sport, fitness and wellness settings with practical applications from exercise physiology.

PE 469 - Nutrition for Health and Sport.......................3 hours
Prereq: C or higher in PE 461* and FSID 110GS
Metabolism and metabolic regulation, the influence of dietary practices on health and human performance, and mechanisms and consequences of weight loss and gain.

PE 470 - General Medical Conditions and Pharmacological Application in Sport and Exercise ......................2 hours
Prereq: PE 461*, PE 467*
Coreq: TE 319
This course will offer students an opportunity to learn about pathological factors that are involved in general medical conditions that affect athletes and performance. Use of prescription and over-the-counter medications by the sports medicine professionals in treating a wide variety of conditions will also be presented. This course is intended to build upon a sound knowledge of exercise physiology and injury/illness conditions.

PE 471 - Field Experience in Health & Physical Education ...2 hours
Prereq: PE 420 or PE 441* or PE 464*
Coreq: TE 319
Supervised practical experiences in elementary school physical education. Offered Fall Semester.

PE 475 - Research Methods in Exercise Science .............3 hours
Prereq: PE 461*, STAT 241*
This course is designed to introduce advanced undergraduate students to the processes of research in the field of Exercise Science including the processes of finding, reading and understanding Exercise Science research; data collection; data analysis; and data interpretation.

PE 476 - Seminar and Practicum in Adapted Physical Education ..........................3 hours
Prereq: none
Culminating course in adapted physical education program providing program delivery methods and practicum experiences.

PE 498 - Special Topics ...........................................1-3 hours
Prereq: none
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.

PE 499 - Senior Seminar in Athletic Training .......................1 hour
Prereq: PE 174E*, PE 375*
Designed to provide the students in their final completion of the degree Option in Athletic Training with a review of all program studies to prepare for the NATABOC certification examination. Specific assigned readings and projects will be conducted in order to reach a level of pre-test readiness.

PHIL 100GS - Introduction to Philosophy ..........................3 hours
Prereq: none
What is Philosophy? This course seeks both to convey a sense of what philosophy has been and to engage the student in a philosophical dialogue concerning perennial and contemporary issues. Among topics dealt with are: freedom, God, knowledge, morality and justice.

PHIL 110 - Introduction to Logic ....................................3 hours
Prereq: none
The systematic study of valid arguments with emphasis upon analysis and evaluation of arguments in ordinary language.

PHIL 120GS - Introduction to Ethics .................................3 hours
Prereq: none
Introduction to a philosophical analysis of the idea of an ethical life: reading and critical discussion of both historical and contemporary sources.

PHIL 201 - Formal Logic ............................................3 hours
Prereq: none
The formal study of valid arguments, with emphasis upon problem solving through symbolic manipulation.

PHIL 250 - Ancient Philosophy .....................................3 hours
Prereq: none
Reading and critical analysis of the texts of the philosophers of ancient Greece and Rome with an emphasis on Socrates, Plato and Aristotle.

PHIL 251 - Medieval Philosophy ....................................3 hours
Prereq: none
Reading and critical analysis of the major philosophical issues of the middle ages, such as the relation of faith and reason and philosophy to theology, the interpretation of texts, and the conflict between the vita activa and the vita contemplativa.

PHIL 253 - Modern Philosophy ....................................3 hours
Prereq: none
Reading and critical analysis of texts of seventeenth and eighteenth century philosophers such as Descartes, Locke, Hume and Berkeley.

PHIL 254 - Contemporary Philosophy .............................3 hours
Prereq: none
Study of contemporary issues and methods in Philosophy, including, but not limited to, Phenomenology, Existentialism, Analytic Philosophy.

PHIL 260GS - Philosophy of Culture ..............................3 hours
Prereq: none
An examination of the concept of culture in the development of the individual, group or class, and of a whole society using works from Indian, Asian, Native American, European, Slavic and Christian thinkers.

PHIL 305 - Social and Political Philosophy .......................3 hours
Prereq: none
Study of the fundamental principles of political and social organization, and the concepts of community, justice, law and economy.

PHIL 309 - Philosophy of Mind .....................................3 hours
Prereq: none
Critical analysis of philosophical ideas of concepts such as perception, sensation, emotion, action and will.

PHIL 314GS - Philosophy of Religion: Reason and Faith ......3 hours
Prereq: none
Problems concerning religious language, the nature and existence of God, and the purpose and meaning of religious life, including criticism thereof.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
PHIL 360GS - Philosophy of Science.................................3 hours
Prereq: none
Critical study of the aims, methods and the good(s) of the sciences. Using original works in various sciences, this course will examine the “why and wherefore” of scientific inquiry and progress.

PHIL 400 - Ethics .......................................................3 hours
Prereq: none
Reading and critical analysis of historic and contemporary discussions of the concept of morality.

PHIL 410 - Metaphysics...............................................3 hours
Prereq: 3 hours of philosophy at the 100 level or permission of instructor
Investigation of the concepts of reality, existence, truth and being. Specific topic to be announced in the class schedule.

PHIL 420 - Independent Study .....................................1-3 hours
Prereq: none
Arrange with instructor.

PHIL 425 - Aesthetics ................................................3 hours
Prereq: none
This course will study the nature and purposes of art.

PHIL 451 - Philosophy in Literature ............................3 hours
Prereq: 3 hours of philosophy at the 100 level or permission of instructor
Philosophical issues as expressed in the novel, drama, and poetry.

PHIL 490 - Seminar in Philosopher or Movement .............3 hours
Prereq: none
Specific philosopher or movement to be announced in the class schedule.
May be repeated as topic varies.

PHYS Courses

PHYS 100GS - Physical Science ..................................4 hours
Prereq: none
A survey course of the physical sciences. This course does not presuppose a prior background in the sciences or mathematics. Inquiry activities are used to promote the development of process and critical thinking skills. Emphasis is placed on the application of science to the real world.
In many activities computers are used to acquire data and to facilitate data manipulation and graphing.

PHYS 131HGS - Newton's Universe ............................4 hours
Prereq: none
This course is designed to provide students with an understanding and appreciation of science as a human activity, its historical role in shaping our self and world views, its impact on the human condition, and its philosophical implications for their ultimate destiny. An associated laboratory, using inquiry-oriented activities, allows students to experience the process of science.

PHYS 132HGS - Einstein's Universe ............................4 hours
Prereq: none
This course provides students with an understanding and appreciation of science as a human activity, its historical role in shaping culture, its impact on the human condition and its philosophical implications for human destiny. PHYS 131HGS traces the development of scientific thought from pre-history to the eighteenth century while PHYS 132HGS traces this development from the end of the Scientific Revolution to the twenty-first century. An associated laboratory, using inquiry-oriented activities, allows students to experience the process of science.

PHYS 201GS - Earth Science ......................................4 hours
Prereq: none
Inquiry activities are used to teach basic concepts of meteorology, geology, and astronomy. Emphasis is placed on process and critical thinking skills as well as on environmental issues.

PHYS 203G - General Physics .....................................5 hours
Prereq: MATH 103* or permission of instructor
Topics include mechanics, heat and sound. Lecture four hours, laboratory three hours per week for traditional sections or an equivalent amount of time for activity oriented sections which integrate lecture and laboratory.

PHYS 206GS - General Physics ..................................5 hours
Prereq: PHYS 205GS* or permission
A continuation of PHYS 205GS*. Topics include electricity, magnetism, light and an introduction to modern physics. Lecture four hours, laboratory three hours per week for traditional sections or an equivalent amount of time for activity oriented sections which integrate lecture and laboratory.

PHYS 209GS - Meteorology .......................................3 hours
Prereq: none
The goal of this course is to introduce students to the growth of knowledge about our universe. Topics include: the Earth, Moon, planets, Sun, stars, galaxies and cosmology. The course uses the resources of the UNK planetarium and observatory.

PHYS 213 - Electrical Circuits I ..................................3 hours
Prereq: MATH 202*
Introduction to electrical circuit theory and analysis techniques. DC circuits and transient circuit responses are studied with an emphasis on computer-aided simulation and analysis. Inductors, capacitors and transformers are studied within the context of transient circuit responses.

PHYS 213L - Introductory Electrical Laboratory I ...........1 hour
Take concurrently with PHYS 213*.

PHYS 275GS - General Physics (Calculus) ....................5 hours
Prereq or Coreq: MATH 115* or equivalent
Topics include mechanics, heat and sound. Lecture four hours, laboratory three hours per week for traditional sections or an equivalent amount of time for activity oriented sections which integrate lecture and laboratory.

PHYS 276GS - General Physics (Calculus) ....................5 hours
Prereq: PHYS 275GS* or permission
A continuation of PHYS 275GS*. Topics include electricity, magnetism, light and an introduction to modern physics.

PHYS 277 - Engineering Mechanics - Statics ...............3 hours
Prereq: PHYS 275GS*, MATH 202*
The action of forces on static coplanar systems with application to engineering structures and machines. Vector resultants, moment of torque, couples, equivalent force systems and vector algebra, along with static equilibrium conditions and equations will be studied. Spring odd years.

PHYS 299 - Freshman Seminar in Physics: History, State of the Art and Perspectives .....................1 hour
Prereq: none
This seminar is a non-mathematical discussion of 21st century physics (potentially including topics such as relativity, chaos, elementary particles, etc.)
<table>
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<tr>
<td>PHYS 301</td>
<td>Advanced Physical Science</td>
<td>4 hours</td>
<td>none</td>
<td>Inquiry activities are used to teach concepts in the areas of mechanics, light, electricity, magnetism and microchemistry. The computer is used to aid in instruction in all of these areas. Emphasis is placed on the development of process and critical thinking skills.</td>
</tr>
<tr>
<td>PHYS 323</td>
<td>Introductory Electronics</td>
<td>4 hours</td>
<td>PHYS 206GS* or PHYS 276GS*</td>
<td>An introduction to the analysis and design of electronic circuits, and device physics. Basic analysis and design is covered including the use of computer aided design in electronics. Laboratory activities include both computer analysis and hardware implementation. Applications to computers, television, radio and other instrumentations are discussed. Spring odd years.</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4 hours</td>
<td>PHYS 276GS*</td>
<td>A more advanced study of selected topics in electricity and modern physics including introductory concepts in atomic and nuclear physics. Fall only.</td>
</tr>
<tr>
<td>PHYS 347</td>
<td>Modern Physics II</td>
<td>4 hours</td>
<td>PHYS 346*</td>
<td>A continuation of PHYS 346. Introductory concepts in quantum mechanics and quantum statistics will be treated. Other areas of emphasis will include atomic structure solid state and nuclear physics. Spring only, odd-numbered years.</td>
</tr>
<tr>
<td>PHYS 399</td>
<td>Internship</td>
<td>1-4 hours</td>
<td>none</td>
<td>This course emphasizes the professional development of the student in the area of the student’s interest. Students should contact a department faculty member who would agree to supervise the work for the semester. A written work plan must be approved by the department chair. Grading is credit/non-credit.</td>
</tr>
<tr>
<td>PHYS 400</td>
<td>Analytic Mechanics I</td>
<td>3 hours</td>
<td>PHYS 410*, MATH 305* OR permission of instructor</td>
<td>General theory of three formulations of classical mechanics: Newtonian, Lagrangian, and Hamiltonian. Introduction to the calculus of variations. Applications include linear oscillations, non-linear oscillations, gravitation, and central-force motion. Emphasis is placed on those concepts that provide a transition to quantum mechanics. Offered in the Fall of even-numbered years.</td>
</tr>
<tr>
<td>PHYS 401</td>
<td>Analytic Mechanics II</td>
<td>3 hours</td>
<td>PHYS 400*</td>
<td>Advanced applications of classical nonrelativistic mechanics. Topics include dynamics of a system of particles, motion in noninertial reference frames, properties of three-dimensional rotations and tensors, dynamics of rigid bodies, and coupled oscillations. The course ends with an introduction to the mechanics of continuous media and applications to fluid dynamics and elasticity. Offered in the Spring of odd-numbered years.</td>
</tr>
<tr>
<td>PHYS 405</td>
<td>Electricity and Magnetism I</td>
<td>3 hours</td>
<td>PHYS 410*, MATH 305* OR permission of instructor</td>
<td>Review of Maxwell's equations, electromagnetic fields, and vector calculus. Physical and mathematical properties of static electric and magnetic fields. Topics include electrostatics, electric potential, energy of the electrostatic field, conductors, Laplace's and Poisson's equations, boundary values problems, multipole expansions, dielectric media, magnetostatics, the vector potential, and magnetic media. Offered in the Fall of odd-numbered years.</td>
</tr>
<tr>
<td>PHYS 406</td>
<td>Electricity and Magnetism II</td>
<td>3 hours</td>
<td>PHYS 405* or permission of instructor</td>
<td>General properties of Maxwell’s equations and the dynamics of the electromagnetic field. Topics include potential formulations of electrodynamics, conservation laws, electromagnetic waves (in a vacuum, in infinite linear media, and in bounded regions), optical dispersion in material media, and electromagnetic radiation. The course ends with an introduction to the relativistic formulation of electrodynamics. Offered in the Spring of even-numbered years.</td>
</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics</td>
<td>4 hours</td>
<td>MATH 260* or permission of instructor</td>
<td>A formal development of selected topics from infinite series, determinants and matrices, partial differentiation, vector analysis, Fourier series, functions of a complex variable, and coordinate transformations. Fall only.</td>
</tr>
<tr>
<td>PHYS 411</td>
<td>Mathematical Techniques in Physics II</td>
<td>3 hours</td>
<td>PHYS 410*</td>
<td>A development of series solution of differential equations, partial differential equations, tensor analysis, asymptotic series, integral transforms, and operators. Spring only.</td>
</tr>
<tr>
<td>PHYS 417</td>
<td>Quantum Mechanics</td>
<td>3 hours</td>
<td>PHYS 416 or permission of instructor</td>
<td>A formal development of the principles of quantum mechanics. The mathematics of Hamiltonian Mechanics are presented as a bridge from Classical Physics to Quantum Physics. Topics are selected to extend the treatment given in Modern Physics II. Fall only, odd-numbered years.</td>
</tr>
<tr>
<td>PHYS 423</td>
<td>Electronics</td>
<td>4 hours</td>
<td>PHYS 323* or equivalent</td>
<td>A continuation of PHYS 323 covering feedback, noise reduction, high frequency circuits and electro-optical devices. Prior completion of ITEC 482* is recommended.</td>
</tr>
<tr>
<td>PHYS 430</td>
<td>Optics</td>
<td>4 hours</td>
<td>PHYS 276GS*</td>
<td>Geometric and wave optics including optical instruments. Prior completion of MATH 305 is recommended. Spring only, even-numbered years.</td>
</tr>
<tr>
<td>PHYS 440</td>
<td>Heat and Thermodynamics</td>
<td>4 hours</td>
<td>none</td>
<td>The study of temperature, heat and work, the laws of thermodynamics, heat engines, including the Carnot, Cycle, Maxwell relations, and an introduction to statistical thermodynamics. Spring only, even-numbered years.</td>
</tr>
<tr>
<td>PHYS 446</td>
<td>Modern Physics for High School Teachers</td>
<td>4 hours</td>
<td>PHYS 206GS, PHYS 206GS OR PHYS 275GS, PHYS 276GS</td>
<td>An advanced study of selected topics in electricity and modern physics including introductory concepts in atomic and nuclear physics. Research or design of educational projects will be used to aid in explaining these areas.</td>
</tr>
<tr>
<td>PHYS 456</td>
<td>Regional Field Study</td>
<td>1-4 hours</td>
<td>none</td>
<td>Includes visits to specialized research or scientific centers, or expeditions to observe or study special events such as solar eclipses.</td>
</tr>
<tr>
<td>PHYS 471</td>
<td>Methods in Secondary Science Teaching</td>
<td>3 hours</td>
<td>admission to Teacher Education</td>
<td>This course focuses on the latest trends in science teaching. Emphasis is placed on designing demonstrations, laboratory investigations, test items and other components that promote process and critical thinking skills. Computers are utilized extensively in these activities.</td>
</tr>
<tr>
<td>PHYS 472</td>
<td>Science Curricula</td>
<td>1-3 hours</td>
<td>none</td>
<td>History of science curricula, introduction to the specifics of selected science curricula, experience working with science curricula materials in junior high or senior high school as well as exposure to several teaching strategies.</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
PHYS 499 - Special Topics ........................................... 1-4 hours
Prereq: permission of instructor
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a lecture/demonstration format with laboratory work included as appropriate.

PHYS 495 - Practicum in Physics Education ...................... 1-3 hours
Prereq: PHYS 205GS, PHYS 206GS, PHYS 275GS, PHYS 276GS OR permission of instructor
For each credit hour the student will spend approximately three hours per week working as a classroom assistant in an activity-based class and/or doing physics education research.

PHYS 499 - Problems in Physical Science .......................... 1-3 hours
Prereq: elementary courses necessary for the problem to be undertaken, permission of instructor
Independent investigation of physical science problems. Three hours of laboratory work each week for each hour of credit.

PSCI Courses

PSCI 110GS - Introduction to American Politics .................. 3 hours
Prereq: none
An introductory study of the constitutional framework of American politics, and how it has evolved. Contemporary institutions and processes of the American federal democratic republic are also examined in considerable detail.

PSCI 140GS - Introduction to Comparative Politics .............. 3 hours
Prereq: none
An introduction to contemporary political systems, practices and institutions in developed and developing countries.

PSCI 156 - Regional Field Study ..................................... 1-4 hours
Prereq: none
Designed to provide the student with a firsthand knowledge of the political culture and governmental institutions of a U.S. region other than the Midwest or foreign country or region. Students wishing to take this course must obtain written approval in advance from the Department Chair.

PSCI 168GS - Introduction to International Relations .......... 3 hours
Prereq: none
A study of contemporary international relations, the changing global system, the role of the nation-state and other actors, the means and ends of power, the causes and consequences of war, and the perennial pursuit of peace.

PSCI 212 - The American Bureaucracy ............................. 3 hours
Prereq: none
Introductory to the foundations of the American bureaucracy. The course will cover the basic outline of the bureaucratic state in American politics.

PSCI 252 - The Courts and the Judicial Process .................. 3 hours
Prereq: none
A broad examination of the judicial branch, including the relevant legal and constitutional concepts, institutions, and processes. Assumes basic knowledge of American government.

PSCI 280HGS - Special Topics ....................................... 3 hours
Prereq: none
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

PSCI 300 - American Constitutional Law ......................... 3 hours
Prereq: none
A study of landmark Supreme Court cases and their impact on American institutions, policies, and processes. Assumes basic knowledge of American government and judicial process.

PSCI 325 - Individual Liberties and Civil Rights .................. 3 hours
Prereq: PSCI 300* or permission of instructor
An investigation of criminal, political, and racial justice with emphasis on the role of the Supreme Court in the protection of the basic freedoms in American society. Selected case studies will examine areas of conflict between the rights of the individual and of society. Assumes basic knowledge of American government and constitutional law.

PSCI 340 - Topics in Comparative Politics ....................... 3 hours
Prereq: none
This course is an in-depth examination of a special topic in the subfield of comparative politics (e.g., “Comparative Electoral Systems”). May be repeated with different topics, up to 6 hours.

PSCI 341 - Politics of the Drug War .................................. 3 hours
Prereq: none
This course examines theoretical frameworks and empirical research about the interaction between illegal drugs and politics. It provides an overview specifically of the U.S. “war on drugs,” its history and consequences for democratic politics and development in the United States, Latin America and other regions of the world. The course also examines potential alternatives to U.S. drug policy, including drug legalization and drug decriminalization.

PSCI 342 - Politics of Globalization .................................. 3 hours
Prereq: none
This course explores the process of globalization - the various political, economic, cultural, and social changes that have, and continue to, transform our world. The goal of the course is to clarify what globalization is and how it is affecting societies around the world. For instance, the course focuses on issues such as global trade, the global spread of western values and ideas, threats to the power of nation-states as well as the existence of transnational social movements.

PSCI 344 - Politics of the Developed World ....................... 3 hours
Prereq: none
A comparative study of politics and government in the major industrial democracies. The United Kingdom, France, Germany, and Japan are featured; assumes basic knowledge of American government.

PSCI 345 - Politics of the Developing World ..................... 3 hours
Prereq: none
The course is essentially a comparison of the political systems of developing nations in Africa, the Middle East, Asia, and Latin America. Problems and challenges n developing national institutions; patterns of socialization and national identities; building viable national institutions ; the nature of political participation and exit strategies; and economic influences on political stability/instability will be analyzed and investigated.

PSCI 346 - Latin American Politics .................................. 3 hours
Prereq: none
A study of politics and government in contemporary Latin America. Case studies focusing on particular Latin American nations will be used to illustrate broader patterns and trends. Attention will also be

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI 351</td>
<td>The American Congress</td>
<td>3</td>
<td>none</td>
<td>A study of the operation of the legislative branch of the US government, the motives and methods of legislators, the interactions between the two houses of Congress, and the interplay of checks and balances in relations between the legislative branch and other branches. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 368: Political Parties and Interest Groups. Assumes basic knowledge of American government.</td>
</tr>
<tr>
<td>PSCI 352</td>
<td>The American Presidency</td>
<td></td>
<td>none</td>
<td>A study of the executive branch of the U.S. government, with particular attention to the presidency, its evolution and its constitutional roles in the system of checks-and-balances. Special attention is given to leadership style and to the functions of the modern presidency. Case studies will be used to illustrate how different presidents have interpreted their powers and discharged their duties.</td>
</tr>
<tr>
<td>PSCI 353</td>
<td>Race &amp; Politics</td>
<td>3</td>
<td>none</td>
<td>A comparative and analytical study of race and politics in the United States. Theories of race and their role in shaping public understandings, social mobilization, and governmental policy. Particular attention will be given to the social construction of race and the political implications of theories of whiteness, African Americans, Native Americans, and Latinos.</td>
</tr>
<tr>
<td>PSCI 355</td>
<td>Topics in American Politics</td>
<td>3</td>
<td>none</td>
<td>This course is an in-depth examination of a special topic in American politics (e.g., “Presidents and the Press”). May be repeated for different topics, up to 6 hours.</td>
</tr>
<tr>
<td>PSCI 356</td>
<td>State and Local Government</td>
<td>3</td>
<td>none</td>
<td>A comparative study of state and local governments in the United States. Case studies are used to illustrate important variations; Nebraska's unique unicameral legislature and nonpartisan state elections are given special attention. Assumes basic knowledge of American government.</td>
</tr>
<tr>
<td>PSCI 357</td>
<td>Campaigns and Elections</td>
<td>3</td>
<td>none</td>
<td>A study of the structures and processes that affect the selection of elected officials in the United States, focusing on congressional and presidential elections. Special attention is given to the mass media as the primary intermediaries between citizens and candidates for political office.</td>
</tr>
<tr>
<td>PSCI 360</td>
<td>Political Parties and Interest Groups</td>
<td>3</td>
<td>none</td>
<td>This course focuses on the role of law in international politics, as well as on the key international organizations. The evolution, structure, functions, problems and performance of the United Nations and its specialized agencies are emphasized.</td>
</tr>
<tr>
<td>PSCI 361</td>
<td>International Law and Organization</td>
<td></td>
<td>none</td>
<td>This course explores the linkages between politics and economics in the international arena. Topics include: origins of a world economy, American hegemony, theories of cooperation, East-West relations, North-South relations, multinational corporations, and global interdependence.</td>
</tr>
<tr>
<td>PSCI 362</td>
<td>Political Parties and Interest Groups</td>
<td>3</td>
<td>none</td>
<td>A study of foreign policy decision making processes with special emphasis on the role of the President, the Congress, the various bureaucratic actors (i.e. National Security Council, the State Department, the Pentagon, and the CIA) as well as several case studies focusing on contemporary diplomatic problems.</td>
</tr>
<tr>
<td>PSCI 363</td>
<td>Ancient Political Thought</td>
<td>3</td>
<td>none</td>
<td>A survey of political thought from Plato to Rousseau.</td>
</tr>
<tr>
<td>PSCI 364</td>
<td>Modern Political Thought</td>
<td>3</td>
<td>none</td>
<td>A survey of political thought from Hobbes to the present.</td>
</tr>
<tr>
<td>PSCI 365</td>
<td>Democratic Political Thought</td>
<td>3</td>
<td>none</td>
<td>An introduction to political thinking relevant to the inception and maintenance of democratic forms of government. Much of the work centers upon American political thinkers like James Madison and John Dewey; but students will also learn more about classical, modern and postmodern approaches to forms of popular government. Some emphasis is given to the special role of education in democratic thought.</td>
</tr>
<tr>
<td>PSCI 366</td>
<td>Post-Modern Political Thought</td>
<td>3</td>
<td>none</td>
<td>This course traces the development of post-modern political thought from the end of the nineteenth century to the present. The course begins with discussions of themes in Western political theory that underlie the postmodern condition. Then study proceeds to selected postmodern critics and thinkers, such as Derrida, Foucault, Weber, MacIntyre and Arendt.</td>
</tr>
<tr>
<td>PSCI 367</td>
<td>Topics in Political Thought</td>
<td>3</td>
<td>none</td>
<td>This course is an in-depth examination of a special topic or theorist in the subfield of political philosophy (e.g., “Marx,” “Feminist Political Thought”). May be repeated with different topics, up to 6 hours.</td>
</tr>
<tr>
<td>PSCI 368</td>
<td>Feminist Political Thought</td>
<td>3</td>
<td>none</td>
<td>An introduction to the major theorists and defining ideas for various types of feminism, e.g., liberal feminism, radical feminism, Marxist feminism, eco-feminism. The course considers common ideas and differences across the types of feminism and uses the theoretical perspectives as lenses through which to examine contemporary political issues and events.</td>
</tr>
<tr>
<td>PSCI 369</td>
<td>Topics in International Relations</td>
<td>3</td>
<td>none</td>
<td>This course is an in-depth examination of a special topic in World Politics (e.g., “Human Rights in World Politics”). May be repeated for different topics, up to 6 hours.</td>
</tr>
<tr>
<td>PSCI 370</td>
<td>Introduction to Political Inquiry</td>
<td>3</td>
<td>none</td>
<td>This course introduces students to basic approaches to inquiry and research in the field of Political Science. Recommended for students in their junior year.</td>
</tr>
<tr>
<td>PSCI 371</td>
<td>Public Opinion and Political Problems</td>
<td>3</td>
<td>none</td>
<td>A study of the process of public opinion formation and change among mass public and elites in the United States. Normative and empirical approaches are emphasized.</td>
</tr>
</tbody>
</table>
issues involving the measurement of public opinion and its impact on public policy will also be considered.

PSCI 385 - Foundations of Public Policy ........................................ 3 hours
Prereq: none
An examination of policy-making processes at the national and state levels. Case studies will emphasize the many variables that influence policy formulation.

PSCI 390 - Politics & Culture of Asia ........................................... 3 hours
Prereq: none
A study of politics and culture in Asian countries. Particular attention is given to Japan and China and case studies of other countries in the region are also used to illustrate general patterns and trends. Democracy as it is practiced and developing in Asia is a significant theme, and the course examines other key concepts in the field of comparative politics, including ethnic conflict and economic development.

PSCI 400 - Public Administration .............................................. 3 hours
Prereq: none
This course looks at the nature, structures, functions and problems of public administration in the United States. Major emphasis is placed on the relationship between the bureaucracy and the executive, legislative, and judicial branches of national and state government. Assumes basic knowledge of the American bureaucracy and American politics.

PSCI 410 - Advanced Study in American Government:
Special Topics ................................................................. 3 hours
Prereq: permission of instructor
A senior-level seminar in a special topic in the subfield of American government, e.g., Presidents and the American public. May be repeated up to 6 hours with a different topic.

PSCI 420 - Advanced Study in Political Behavior:
Special Topics ................................................................. 3 hours
Prereq: permission of instructor
A senior-level seminar in a special topic in the subfield of political behavior, e.g., voting in the American electorate. May be repeated up to 6 hours with a different topic.

PSCI 440 - Advanced Study in Comparative Politics:
Special Topics ................................................................. 3 hours
Prereq: permission of instructor
A senior-level seminar in a special topic in the subfield of comparative politics, e.g., cross-national political behavior. May be repeated up to 6 hours with a different topic.

PSCI 450 - Nations in Transition .............................................. 3 hours
Prereq: none
This course examines the nations that are going through significant transformation. Covering a wide range of countries around the world, this class considers how these countries struggle to move toward stable democracies despite different obstacles. Furthermore, we will critically explore the roles that the United States and the international community should assume in these transitional societies.

PSCI 456 - Field Study ............................................................. 1-3 hours
Prereq: none
Field study is designed to combine classroom study with experiences outside the classroom to give students opportunities for discussions with public officials or other firsthand knowledge of the subject. Field studies in the past have focused on study of the actors and processes of foreign policymaking with a one-week trip to Washington, DC, to meet with policymakers. The topics for subsequent field studies may vary. Students may repeat the field study course up to 6 hours credit with different topics.

PSCI 468 - War in World Politics ............................................ 3 hours
Prereq: none
This course examines the causes and consequences of war in world politics, as well as those methods by which states and other actors attempt to manage it and provide for peace.

PSCI 475 - Internship in Political Science ............................. 1-6 hours
Prereq: none
Designed to provide an on-the-job learning experience that will enhance the student’s understanding of politics and provide a glimpse of government-in-action. Internships are usually student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.

PSCI 486 - Policy Analysis ................................................... 3 hours
Prereq: PSCI 381, PSCI 385
Introduction to the skills needed to conduct analysis of policy options and policy evaluations. The course will include an introduction to methods of policy analysis, including cost/benefit analysis; analysis of political environment; and analysis of externalities.

PSCI 489 - Senior Seminar .................................................... 3 hours
Prereq: senior status
This capstone course reviews and details the sub-fields in political science and addresses the normative, empirical and legal methodologies appropriate for graduating seniors. Grading method: letter grade.

PSCI 490 - Directed Research ................................................. 1-3 hours
Prereq: none
Independent original research of a topic in political science selected by the student. Done under the direction of a political science faculty member. Proposals must be student-initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.

PSCI 499 - Readings in Political Science .............................. 1-3 hours
Prereq: none
Independent readings in political science for the advanced undergraduate or graduate student. Done under the direction of a political science faculty member. Student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.

PSY Courses

PSY 192 - Death and Dying .................................................. 1-3 hours
Prereq: none
Issues of death and dying are discussed from the perspectives of medicine, psychology, religion, philosophy, law and other fields. Spring only.

PSY 203GS - General Psychology ......................................... 3 hours
Prereq: none
The fundamental concepts of psychology as derived through the scientific investigation of behavior are described.

PSY 210HGS - Issues in Psychology ..................................... 3 hours
Prereq: none
This course is an introduction to the field of psychology through exposure to unresolved theoretical issues. The student receives a review of psychology by dealing with data, evidence, opinion, fact and values.

PSY 220 - Introductory Psychology Seminar ...................... 1 hour
Coreq: PSY 203GS or PSY 230GS or PSY 231
Small group activities in laboratory, discussion group, or seminars that supplement an introductory course.

PSY 230GS - Human Development ...................................... 3 hours
Prereq: none
Human growth and development is surveyed from the prenatal period through old age and death. Emphasis is placed on physiological, cognitive, and social/personality developments at the various age levels.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
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<thead>
<tr>
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<th>Course Name</th>
<th>Hours</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 231</td>
<td>Abnormal Behavior and Society</td>
<td>3</td>
<td>none</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td>4</td>
<td>PSY 250*</td>
</tr>
<tr>
<td>PSY 248HGS</td>
<td>Special Topics</td>
<td>1-3</td>
<td>none</td>
</tr>
<tr>
<td>PSY 300</td>
<td>Orientation to Psychology</td>
<td>1</td>
<td>PSY 203GS, declared major in psychology</td>
</tr>
<tr>
<td>PSY 310</td>
<td>Learning and Conditioning</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 310L</td>
<td>Learning and Conditioning Laboratory</td>
<td>1</td>
<td>PSY 270*</td>
</tr>
<tr>
<td>PSY 312</td>
<td>Sensation and Perception</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 312L</td>
<td>Sensation and Perception Laboratory</td>
<td>1</td>
<td>PSY 270*</td>
</tr>
<tr>
<td>PSY 313</td>
<td>Physiological Psychology</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 313L</td>
<td>Physiological Psychology Laboratory</td>
<td>1</td>
<td>PSY 270*</td>
</tr>
<tr>
<td>PSY 317</td>
<td>Biopsychology</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 317L</td>
<td>Biopsychology Laboratory</td>
<td>1</td>
<td>PSY 270*</td>
</tr>
<tr>
<td>PSY 318</td>
<td>Experimental Social Psychology</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 318L</td>
<td>Experimental Social Psychology Laboratory</td>
<td>1</td>
<td>PSY 270*</td>
</tr>
<tr>
<td>PSY 319</td>
<td>History and Systems of Psychology</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 324</td>
<td>Psychology of Gender</td>
<td>3</td>
<td>none</td>
</tr>
<tr>
<td>PSY 326</td>
<td>Psychology and Criminal Behavior</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 330</td>
<td>Psychology Apprenticeship Programs</td>
<td>1-3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 340</td>
<td>Psychology of Motivation</td>
<td>3</td>
<td>PSY 203GS</td>
</tr>
<tr>
<td>PSY 346</td>
<td>Theories of Personality</td>
<td>3</td>
<td>none</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
Current theoretical models and research are applied toward understanding the descriptions and causes of the predominant mental disorders. The course is based on the diagnostic system employed by most mental health professionals. Fall only.

PSY 407L - Psychopathology Laboratory .........................1 hour
Prereq: PSY 270*

The methodology used in the study of common psychopathological patterns is reviewed and applied in original group projects. Ethical considerations in this research area are emphasized. Must be taken concurrently with PSY 407*.

PSY 408 - Introduction to Clinical Psychology ....................3 hours
Prereq: PSY 407*, junior standing

The student will be introduced to the various professional activities and settings of clinical psychologists (psychologists trained to independently assess, diagnose, and treat mental disorder). Special emphasis will be given to psychotherapeutic interventions. Spring only.

PSY 408F - Field Experience in Clinical Psychology ............1 hour
Prereq: PSY 203GS, junior standing, permission of instructor

Students will visit a clinical facility for three hours a week and process their learning experiences in a one hour weekly lab. Opportunities to interact with patients and staff are included. Must be taken concurrently with PSY 408*. Permission of instructor required. Spring only.

PSY 410 - Industrial Psychology ....................................3 hours
Prereq: PSY 203GS

The application of the concepts of psychology to people at work is addressed. Topics include personnel selection and appraisal, motivation, job satisfaction, employee development, industrial engineering, and advertising. Spring only, alternate years.

PSY 415 - Group Dynamics .........................................3 hours
Prereq: PSY 203GS

Group Dynamics includes the study of group development; structure; influence and interaction and group outcomes. Students will apply material covered to various types of groups such as dyads or couples, teams, collaborative learning groups, juries, cults and crowds. Even years.

PSY 416 - Eastern Psychology ......................................3 hours
Prereq: PSY 203GS

The psychological aspects of various Eastern philosophical traditions including Sufism, Yoga, Taoism, and Buddhism are examined. The psychology of Zen is emphasized. Experiential as well as theoretical approaches are used. Fall only.

PSY 417 - Humanistic Psychology .................................3 hours
Prereq: PSY 203GS

The tenets and methods of humanistic psychology, its historical roots, theoretical concepts, and how it is distinguished from Psychoanalysis and Behaviorism are reviewed. Group discussion format is used. Spring only.

PSY 420 - Advanced Research Design and Analysis in Psychology ........................................3 hours
Prereq: PSY 270* or permission of instructor

Advanced multivariate statistical techniques are explored, including Multiple Regression, Canonical Correlation, MANOVA, Discriminant Function Analysis, and Factor Analysis. Special emphasis is placed on computer analysis and on deciding which techniques are appropriate for various data sets. Fall only.

PSY 421 - Psychology of Religion ..................................3 hours
Prereq: PSY 203GS

The developmental, experiential, social, and clinical psychological aspects of religiousness will be studied from a scientific perspective.

PSY 421L - Psychology of Religion Lab ............................1 hour
Prereq: PSY 270*

Students will work in groups to formulate a research hypothesis based upon their review of a body of literature within the field. Groups will then design and implement a scientific study.

PSY 430 - Memory and Cognition ..................................3 hours
Prereq: PSY 203GS

Topics concerning intellectual functioning are reviewed. Emphasis is placed on the information processing approach to the study of mental life. Topics include perception, attention, consciousness, memory, problem solving, and language. Prior completion of PSY 270* is recommended. Spring only.

PSY 430L - Memory and Cognition Laboratory ..................1 hour
Prereq: PSY 270*

The methodology used in the study of cognitive processes is reviewed. Must be taken concurrently with PSY 430*. Spring only.

PSY 450 - Psychometrics ............................................3 hours
Prereq: PSY 203GS

Basic measurement concepts, the selection, administration, and interpretation of standardized tests are reviewed. Prior completion of PSY 270* is recommended. Spring only, odd years.

PSY 450L - Psychometrics Lab ......................................1 hour
Prereq: PSY 203GS

Must be taken concurrently with PSY 450. Practical experience in test construction and the application of concepts such as norms, standardization, reliability and validity. Prior completion of PSY 250* is recommended. Spring only, odd years.

PSY 453 - Developmental Psychology ..............................3 hours
Prereq: PSY 203GS or PSY 230GS

The psychology of child development is studied. Special emphasis is placed on experimental findings related to the development of physical, intellectual and cognitive functioning, and the development of personality. Prior completion of PSY 270* is recommended. Fall only.

PSY 453L - Developmental Psychology Laboratory ..............1 hour
Prereq: PSY 270*

Methods of studying children and adolescents are investigated. Must be taken concurrently with PSY 453*. Fall only.

PSY 455 - Adolescent Psychology ..................................3 hours
Prereq: PSY 203GS or PSY 230GS

Adolescent development is comprehensively reviewed. The intellectual, physical, and social/moral development of adolescents is discussed, along with the special problems of young adults. Spring only.

PSY 456 - Adult Development and Aging ..........................3 hours
Prereq: PSY 203GS or PSY 230GS

The changes in physical, cognitive and social/personality development during adulthood are addressed. Spring only, even years.

PSY 465 - Psychopharmacology .....................................3 hours
Prereq: permission of instructor

The course consists of an introduction to pharmacology as a science followed by a discussion of therapeutic and recreational psychoactive drugs. Psychoactive drugs are discussed in relation to their effect on behavior and nervous system physiology. Prior completion of PSY 203GS, background in physiological psychology, or background in biology is recommended. Spring only, even years.

PSY 470 - Neuropsychology .........................................3 hours
Prereq: permission of instructor

The relationship between human brain function and behavior is investigated. Special emphasis is placed on the behavioral effects...
of brain injury and methods of neuropsychological assessment. Prior completion of PSY 313* is recommended. Spring only odd years.

PSY 475 - Practicum in Gerontology .................................................. 3 hours
Prereq: completion of 15 hours in the minor, permission of the director of the gerontology program
This course gives the student the opportunity to work with professionals in the field of aging. Includes 120-180 actual contact hours during the practicum experience.

PSY 480 - Advanced Seminar in Psychology...................................... 1-3 hours
Prereq: at least 12 completed hours of psychology coursework, junior/senior/graduate standing, permission of the instructor
An in-depth examination of a particular topic in one of 13 designated areas of psychology. Taught in seminar format. Topics will be announced during the preceding semester. Offered on an irregular basis.

PSY 493 - Research in Psychology.................................................... 1-3 hours
Prereq: 24 completed hours of psychology coursework including PSY 270*, permission of the department chair
The student designs a set of readings in a chosen area of psychology. The work is completed under the supervision of the Department Chair.

PSY 499 - Research in Psychology.................................................... 1-3 hours
Prereq: 24 completed hours of psychology coursework including PSY 270*, permission of the department chair
The student engages in a research project of his/her own design. The project is supervised by a psychology faculty member.

Offered by Department of Health, P.E., Recreation and Leisure Studies
College of Education

REC Courses

REC 150 - Foundations of Recreation, Park and Leisure ........ 3 hours
Prereq: none
Introductory course for persons interested in majoring in a leisure profession.

REC 155 - Dimensions of Tourism.................................................. 3 hours
Prereq: none
Overview of tourism industry with emphasis on impact of travel. Acquaintance with curriculum for travel/tourism and future potential for the industry.

REC 215 - Camp Leadership, Outdoor Recreation, and Environmental Education ................................. 3 hours
Prereq: none
Organizing, operating, programming, and administering a modern camp, role of outdoor education in educational process. Fee will be assessed.

REC 251 - Computer Applications in Health, Physical Education, Recreation & Leisure Studies .................... 3 hours
Prereq: none
Computer applications in Health, Physical Education, Recreation and Leisure Studies are introduced, comprehended and applied. Students will learn Microsoft Office systems, Office 2000, web page design.

REC 300 - Volunteer Practicum ...................................................... 2-4 hours
Prereq: none
Students will be assigned to a community, hospital, agency fitness, athletic recreation, or tourism site. Credit/no credit.

REC 352 - Outdoor Adventure Education................................. 3 hours
Prereq: none
Rationale and dynamics of interacting with the environment through leisure activities.

REC 354 - Programming in Sport, Recreation and Tourism ........ 3 hours
Prereq: none
Basic theoretical and practical competencies required to become a successful programmer for sport, tourism and recreation services.

REC 355 - Travel Behavior ........................................................... 3 hours
Prereq: none
Introduction to behaviors associated with leisure lifestyles and activities; developed to meet individual needs, desires and abilities, and emphasizing behaviors of population segments in relation to travel industry.

REC 356 - Selected Topics in Travel and Tourism ...................... 3 hours
Prereq: none
Advanced, in-depth studies of various segments of Travel and Tourism and Recreation. Topics designed to prepare students with specific professional skills important to tourism and leisure industries. May lead to professional certifications.

REC 375 - Leadership in Recreation, Sport and Tourism ........... 3 hours
Prereq: none
Theories and practices of program leadership in the recreation, sport and tourism field, emphasizing leadership styles and techniques, self-awareness, human relations, communications, group processes and group dynamics, problem solving and decision making.

REC 422 - Facilities in Recreation, Tourism and Sport ............ 3 hours
Prereq: none
Planning indoor and outdoor recreation and leisure facilities. Coordinating planning among various private and public agencies.

REC 444 - Issues in Recreation and Leisure ..................... 3 hours
Prereq: none
Basic concepts in the field of leisure and leisure services, contemporary social and philosophical issues, broad historical and cultural contexts. Discussion of the issues and dilemmas that leisure provides from many perspectives.

REC 453 - Therapeutic Recreation for Special Populations ........ 3 hours
Prereq: none
Principles of leisure education practices for special populations.

REC 454 - Evaluation Techniques in Rec and Park ............... 3 hours
Prereq: none
This course is designed to prepare recreation and park majors in the area of patron and program assessment and evaluation. Theories, research techniques, and application of several evaluation models will be presented.

REC 455 - Tourism Planning and Development ....................... 3 hours
Prereq: none
Planning and development of tourism agencies/facilities to service tourists.

REC 458 - Recreation for the Aged ......................... 3 hours
Prereq: none
Characteristics and needs, development of recreational programs and legislation for senior citizens.

REC 477 - Internship ................................................................. 4-12 hours
Prereq: permission of the program coordinator
Students should have completed the following requirements:

- Recreation/Mgmt and Natural Resources Mgmt majors:
  - Junior standing, REC 150, REC 300, REC 354, PE 430

- Recreation/Travel and Tourism majors:
  - Junior standing, REC150, REC 300, REC 354, PE 430

- Sports Administration majors:
  - Junior standing, REC 300, REC 422, PE 430

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
SFED 135 - General Safety Education .......................... 3 hours
Prereq: none
This course includes a study of the philosophy of safety and safety education, the use of accident data, and the causes of accidents. Areas emphasized are: traffic, home, occupations, farm and recreational. Disaster readiness and fire prevention are included.

SFED 299 - Independent Studies in Safety .......................... 1-3 hours
Prereq: by permission only
There are many opportunities for independent study in the safety area. These opportunities could benefit UNK, the community, the Nebraska Safety Center and most important the student engaging in the independent study. Examples of independent studies include consumer product safety regulations, OSHA and traffic safety. This course would benefit the comparative novice in safety.

SFED 310 - Driving Task Analysis .................................................. 3 hours
Prereq: none
This course gives an introduction to the content of driver education and driver improvement for the driver education instructor. This course provides the basis for the classroom and BTW instruction.

SFED 420 - Teaching Safety in Elementary Schools .................. 3 hours
Prereq: none
Designed to provide elementary teachers and safety education students with information, methods, techniques, and skills necessary to integrate school safety programs with core elementary classroom subjects and activities.

SFED 430 - Developing Driver Education Classroom Skills ........ 3 hours
Prereq: none
A study of the automobile and its impact on American society. Topics include: accident prevention, materials and methods used in the classroom, effects of alcohol and drugs, and psychological and sociological factors. Required for teaching driver education. Driver’s license is required.

SFED 431 - Developing Driver Education Vehicle Skills ............... 3 hours
Prereq: none
Effective principles, methods, techniques and materials for use in organizing safety programs, including the teaching and administration of high school driver education. Students are given the opportunity to acquire, through supervised teaching experience, competence in developing and teaching skills and techniques, as well as transferring driver knowledge, driving skills and inspiring satisfactory driving attitudes in students.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
SOC 124GS - Social Problems ........................................3 hours
Prereq: none
An overview of issues confronting American society that have possible adverse social consequences. Students select a broad cross section of social problems for study and discussion. A theoretical approach/background is offered as a basis for examination of the problems chosen.

SOC 201 - Social Inequality ........................................3 hours
Prereq: none
An examination of the American social class system and its impact on the lives of the members of society. Theories of the development of social classes are offered as a basis for class discussions. Alternative social class systems are examined along with the American system. The course concentrates on power relationships, ownership of assets, and the impact of class membership on values, beliefs, attitudes, life styles and life chances.

SOC 225 - Global Cultures and Diversity ........................3 hours
Prereq: none
This course acquaints the student with a broad range of cultural, racial, and social groups which are recognized as different by the community. It focuses on the causes of the differential treatment, the problems created for these groups and the community, and suggests some solutions that practicing social workers and human service professionals will find useful in dealing with these groups.

SOC 237 - Sociological Inquiry .......................................3 hours
Prereq: none
Systematic treatment of the design and conduct of social research and of the logical foundations of empirical research. Includes guided practice in the collection and analysis of data and an individual experience in the formulation and design of a research project. (Offered in the Fall semester.)

SOC 250GS - Anthropology .........................................3 hours
Prereq: none
Reviews the physical evolution of humans and the origins of culture. The concepts of culture and cross-cultural comparison are utilized to understand the various ways of life humans have created throughout history.

SOC 275 - Social Psychology ........................................3 hours
Prereq: none
Group influences on individual behavior, including role theory, socialization, personality development, and attitude change.

SOC 300 - Sociological Theory .......................................3 hours
Prereq: SOC 100GS or a 200-level SOC course or permission
This course develops analytical approaches to the examination and use of sociological theory in social systems. Basic comprehension of the various paradigms and schools of thought are examined as well as critiques using classical, contemporary, and emerging theoretical writings. Evaluation of the application of social theories is also attempted. (Offered in the Fall semester.)

SOC 310 - Introduction to Social Demography ..................3 hours
Prereq: SOC 100GS or SOC 124GS or by permission
This course will introduce the basic concepts of social demography. The class will familiarize students with important theoretical perspectives, current patterns in global population and data sources to examine these patterns. The major demographic processes - fertility, mortality and migration - will be discussed in detail. The class will conclude by examining changes in family and urban structures.

SOC 335 - The Aged in American Society .......................3 hours
Prereq: SOC 100GS or SOC 250GS or permission
This course examines the contributions of sociological theory to gerontology, including such major perspectives as structural functionalism and conflict. Material presented will create an awareness of the influences of older people. Topics to be covered include: Socialization for the role of aged persons, social experiences of the elderly, political and social participation of the elderly, and economic status of the elderly.

SOC 340 - Sociology of the Holocaust ............................3 hours
Prereq: none
The Sociology of the Holocaust familiarizes students with a basic history of the Holocaust, and the social, political, and economic conditions that created a climate in which it could occur. Sociological principles and concepts are applied to the historical events that make up the Holocaust. Ethical issues and imperatives raised by the Holocaust are considered. Finally, questions are raised about how and why the Holocaust should be remembered.

SOC 349 - Sociology of Work .......................................3 hours
Prereq: SOC 100GS or permission of instructor
An understanding of the present design of the American labor process will be achieved through a socio-historical analysis of the workplace. By placing work in its social context, we can better understand the gender and ethnic dynamics within the workplace. Such programs as employee involvement will be analyzed within a social context.

SOC 360 - Criminology ..............................................3 hours
Prereq: SOC 100GS or SOC 124GS or SOC 250GS or permission
The nature of crime; its types, distribution and trends. Theories of causation. Analysis of law enforcement, law and the courts, treatment modalities, and post-release situation of ex-offenders.

SOC 363 - Juvenile Delinquency ....................................3 hours
Prereq: SOC 100GS or SOC 124GS or SOC 250GS or permission
Examines types, distribution and trends of delinquent conduct. Theories of causation; public reaction to delinquency. Detection and referral; the juvenile court; personnel, processing and disposition; treatment and aftercare.

SOC 369 - Sociology of Gender ....................................3 hours
Prereq: SOC 100GS or SOC 250GS or permission
A course designed to increase knowledge regarding the initial development of sex-roles, socialization for behavior that is “appropriate” to gender, and the satisfaction of personal needs through interaction with societal groups. The intention is to raise student consciousness of expanding options for future family life, occupational choices and social relationships.

SOC 370 - Sociological Research ....................................3 hours
Prereq: SOC 237 or permission of the instructor
A sociological research project will be undertaken by the class in order to master the basic components of research. The project will be defined at the beginning of the semester and may have components of quantitative and/or qualitative methods.

SOC 380 - Sociology of Sexuality ..................................3 hours
Prereq: none
This course is designed to explore the social bases of human sexual interaction. Though we may perceive sex to be a natural and biologically driven behavior, it is in fact, largely shaped by social norms, values, and expectations. Therefore, over the course of the semester, we will examine the variety of human sexual behaviors, as well as the social context in which these behaviors occur and develop.

SOC 410 - Globalization and Development ....................3 hours
Prereq: SOC 225 or SOC 310*
This course is designed to explore globalization and development. The class will introduce students to important perspectives regarding globalization and development. The current trends emphasizing globalization in international dialogue will be examined. Relevant case studies will be utilized to further the understanding of the processes involved in globalization and development.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
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<tr>
<td>SOC 420</td>
<td>Race and Minority Relations</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<tr>
<td></td>
<td>Examines the history and status of minority groups in society, the relationship between minority groups and the dominant group, focuses on the causes of intergroup conflict and suggests solutions to intergroup problems.</td>
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<tr>
<td>SOC 430</td>
<td>Sociology of Family</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<td></td>
<td>A sociological analysis of the family as a social unit. Topics focus on historical changes, cultural patterns, social class influences, group processes, institutional aspects, contemporary social changes and the future of the family. The evolving role of women will be examined for its impact on the family.</td>
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<tr>
<td>SOC 440</td>
<td>Sociology of Education</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or equivalent or permission</td>
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<td>A systematic study of the social organization of the formal socialization process, the larger societal and organizational contexts of the socialization process, and the sociocultural forces and conflicts among social groups in relation to the process. Analysis of the adolescent as a client, the social organizations of the school, and the consequences and outcomes for participants in the schooling process are examined. Contemporary trends, cross-cultural comparisons, and critiques of research findings and reports are examined from the sociological perspective.</td>
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<tr>
<td>SOC 442</td>
<td>Sociology of Religion</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<td>Examines religion as a social phenomenon and attempts to relate it to other aspects of human social life. Topics considered include the dilemmas of belief and institutionalization, religious movements, religion and change, secularization, and the future of religion.</td>
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<tr>
<td>SOC 461</td>
<td>Deviance and Social Control</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<td>The philosophical assumptions embedded in the theories of deviance are examined and applied in the critical reading of deviance texts. A basic question explored is who and what is defined as deviant by each of the sociological perspectives. Through this examination we will investigate who controls social behavior and the basis of control contained within the theories.</td>
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<tr>
<td>SOC 462</td>
<td>Sociology of Health and Illness</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<td>This course provides an introduction to the field of medical sociology with attention to physical as well as mental illnesses. The emphasis will be upon the influence of social factors in becoming ill and social factors which influence treatment. Topics to be covered will include: Social epidemiology, health and illness behavior, the health professions, health care institutions, and alternative systems of health service.</td>
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<tr>
<td>SOC 468</td>
<td>Senior Seminar</td>
<td>3 hours</td>
<td>Prereq: 18 hours completed SOC coursework</td>
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<td>Seminar serves as a capstone for the general degree option in sociology.</td>
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<td>The philosophical underpinnings of the basic issues in sociology will be examined. Students come to see how the pieces of sociology form a cogent whole.</td>
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<tr>
<td>SOC 471</td>
<td>Special Topics in General Sociology</td>
<td>3 hours</td>
<td>Prereq: SOC 100GS or SOC 250GS or permission</td>
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<td>Special topics of current research by Sociology faculty actively involved in research projects.</td>
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<tr>
<td>SOC 472</td>
<td>Special Topics in Globalization</td>
<td>3 hours</td>
<td>Prereq: SOC 124GS or SOC 250GS or permission</td>
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<td>This course will allow faculty to offer advanced courses in the globalization emphasis.</td>
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*S This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

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**SOWK Courses**

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<tbody>
<tr>
<td>SOWK 170GS</td>
<td>Introduction to Social Welfare</td>
<td>3 hours</td>
<td>Prereq: none</td>
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<tr>
<td></td>
<td>Concepts and principles in the development of social welfare. This course includes a brief overview of the similarities, differences, and relationships between social welfare and social work.</td>
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<tr>
<td>SOWK 172</td>
<td>Human Service Ethics and Experience</td>
<td>3 hours</td>
<td>Prereq: none</td>
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<tr>
<td></td>
<td>This course is designed to acquaint the student with the social work profession, professional roles and functions, and social services delivery system. The student in required to volunteer a minimum of 50 hours at a social services agency. As volunteers, students will have</td>
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**SOSC Courses**

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<tr>
<td>SOSC 370</td>
<td>Social Science of the High School</td>
<td>3 hours</td>
<td>Prereq: admission to Teacher Education</td>
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<td>Techniques and materials for junior and senior high school social science. Basic knowledge of at least one field of the social sciences presupposed. Usually taken in the semester prior to the student teaching semester.</td>
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<tr>
<td>SOSC 444</td>
<td>International Studies Institute</td>
<td>3 hours</td>
<td>Prereq: none</td>
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<tr>
<td></td>
<td>This course will provide opportunities for study as offered by the International Studies Program.</td>
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<tr>
<td>SOSC 456</td>
<td>Regional Field Study</td>
<td>1-4 hours</td>
<td>Prereq: none</td>
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<td>This course is designed to give students a first hand acquaintance with the history, the physical, cultural and economic geography of a particular area of the world.</td>
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<tr>
<td>SOSC 499</td>
<td>Independent Study in the Social Sciences...</td>
<td>1-4 hours</td>
<td>Prereq: none</td>
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<td></td>
<td>Open to majors in any of the social sciences.</td>
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**Offered by Department of History College of Natural and Social Sciences**

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<td>Human Service Ethics and Experience</td>
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<td>Prereq: none</td>
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<td>This course is designed to acquaint the student with the social work profession, professional roles and functions, and social services delivery system. The student in required to volunteer a minimum of 50 hours at a social services agency. As volunteers, students will have</td>
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an opportunity to observe and participate in social services activities in the community. Students will have an opportunity to explore their vocational interests for social work practice via interactive encounters with clients and helping professionals. Students should have completed or be enrolled in SOWK 170GS.

SOWK 242 - Human Behavior in the Social Environment I ..........3 hours
Prereq: SOWK 170GS
This course systematically examines social, biological, and psychological theories between individuals, families, groups, communities, and organizations, and integrates intervention skills between systems.

SOWK 276 - Social Welfare Policies & Services ..................3 hours
Prereq: SOWK 170GS
Social policy development, the historical aspects, value assumptions, social-political-economic contexts, processes, and skills required for analysis are studied.

SOWK 330 - Fundamentals of Research in Social Welfare ....3 hours
Prereq: STAT 235*
This course will introduce students to the concepts and principles of social work research methodology, educate them about the ethics and politics involved, and promote their understanding of research issues relevant to diversity, multiculturalism, as well as social and economic injustices.

SOWK 342 - Human Behavior in the Social Environment II ....3 hours
Prereq: SOWK 170GS, SOWK 172
This course focuses on the influence of human behavior on the systems such as family, groups, organizations, and communities. Family theories from a social work perspective are explored, taking into consideration race, ethnicity, sexism, sexual orientation, as well as social and economic justice issues.

SOWK 371 - Social Work Practice I .................................. 3 hours
Prereq: SOWK 172, SOWK 242*, SOWK 276*
This course focuses on relationships, values, and skills in social work practice and teaches general methodology from a problem-solving perspective.

SOWK 372 - Social Work Practice II .................................. 3 hours
Prereq: SOWK 371*
The course expands on the generic practice skills learned in SOWK 371 and focuses on the small group and the family.

SOWK 373 - Social Work Practice III .................................. 3 hours
Prereq: SOWK 372*
This course focuses on social work practice in the macro area. Includes administration, community organization, social planning, and program development.

SOWK 377 - Aging Services ............................................. 3 hours
Prereq: SOWK 276* or permission of instructor
The common problems of the aged and their families are studied, knowledge of existing services is provided, and students are exposed to the initial theory and practice of delivering services to the aged in both the outpatient and inpatient setting.

SOWK 401 - Social Work in Legal Settings ............................ 3 hours
Prereq: SOWK 172, SOWK 242*, SOWK 276*
An overview of social work practice, theory, and skills for working within and with legal host agencies, and a brief examination of legal consequences of social work practice.

SOWK 402 - School Social Work ...................................... 3 hours
Prereq: SOWK 172, SOWK 242*, SOWK 276*
An overview of services provided by school social workers and the interrelationships with other student services.

SOWK 403 - Medical Social Work .................................... 3 hours
Prereq: SOWK 242*, SOWK 276*
An overview of social work services provided in medical and other health care settings. The relationships to other professionals are explored in all health care settings. Students are introduced to the specific recommendations for practice in medical and other health care services.

SOWK 433 - Introduction to Mental Health Issues ................ 3 hours
Prereq: SOWK 170GS
This course enables students to develop a broader understanding of the occurrence and impact of mental illness in society and from a social work perspective. Mental health issues across race, class, gender, and culture will be examined with the goal of promoting practice skills and sensitivity to future clients.

SOWK 470 - International Social Work Experience ............... 1-6 hours
Prereq: permission of program director
Undertaken in the summer. Destinations and length vary year to year. Consult current class schedule or contact the Program Director.

SOWK 472 - Substance Abuse and Addictions ..................... 3 hours
Prereq: none
This course provides students with the theories, interventions strategies, and social and legal implications of substances abuse and other addictions. The biological, psychological, social, and familial contexts that contribute to addictive disorders will be presented. Course orientation and discussion will be framed within a multicultural perspective.

SOWK 473 - Child Welfare Services .................................. 3 hours
Prereq: SOWK 172, SOWK 242*, SOWK 276*
The common problems of children and families needing services are studied. Knowledge of existing services is imparted, and students are exposed to the initial “how” of doing child welfare work.

SOWK 474 - Rural Social Work ....................................... 3 hours
Prereq: SOWK 172, SOWK 242*, SOWK 276*
The course focuses on the development of generic, rural social work practice skills. These skills are emphasized to effectively deal with the problems of poverty, ill-health, housing, isolation, mental health, and aging.

SOWK 475 - Child Abuse and Neglect ............................... 3 hours
Prereq: SOWK 170GS
The course prepares students for child welfare practice and provides an overview of child maltreatment. A historical perspective of child abuse is used to examine issues related to reporting, legal response, treatment, and prevention, and intervention.

SOWK 480 - Field Placement I ....................................... 3 hours
Prereq: all required social work courses must be completed with the exception of SOWK 373*, Practice III, which can be taken prior to or concurrent with SOWK 480*- SOWK 481*; permission of the field coordinator

SOWK 481 - Field Placement II ..................................... 3 hours
Prereq: all required social work courses must be completed with the exception of SOWK 373*, Practice III, which can be taken prior to or concurrent with SOWK 480*- SOWK 481*; permission of the field coordinator
The complete practicum experience, SOWK 480 and SOWK 481, consists of 400 actual contact hours of supervised field experience in an approved social services agency, along with scheduled group seminar meetings with the Field Coordinator. The first 200 hours (SOWK 480) involves orientation to the agency, observing and learning the structure of the agency, and the integration of classroom content with practicum experiences. The second 200 hours (SOWK 481) involves actual hands on participation and students are expected to demonstrate a higher level of skills and an increased responsibility for their learning and performance. SOWK 480 and SOWK 481 are arranged through the Field Coordinator.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
### SPAN Courses

**SPAN 100 - Beginning Spanish I** .................................................. 5 hours  
Prereq: none  
Elementary course dealing with basic vocabulary, grammar and conversation and culture.

**SPAN 101 - Beginning Spanish II** .................................................. 5 hours  
Prereq: SPAN 100 or equivalent  
Continuation of SPAN 100GS on a more advanced level.

**SPAN 102 - Practical Spanish** .................................................. 3 hours  
Prereq: none  
A course for renewing or gaining practical speaking skill in Spanish for the prospective business person or traveler to Spanish-speaking countries. Offered occasionally.

**SPAN 103 - Spanish for Special Purposes** .................................. 1-3 hours  
Prereq: none  
A course designed by the instructor for specific professions or other groups (for medical or law enforcement personnel, teachers, construction managers, etc.) and will vary according to the target group. It emphasizes pertinent vocabulary and phrases which can aid the students as they communicate professionally with Spanish speakers whose knowledge of English is very limited. Offered occasionally.

**SPAN 175 - Spanish Study Abroad I** ........................................... 3-6 hours  
Prereq: none  
A beginning level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 176 - Spanish Study Abroad I** ........................................... 3-6 hours  
Prereq: none  
A beginning level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 200GS - Intermediate Spanish I** ........................................... 3 hours  
Prereq: SPAN 101* or equivalent  
Grammar review, reading for understanding, conversation practice, and composition practice.

**SPAN 201GS - Intermediate Spanish II** ........................................... 3 hours  
Prereq: SPAN 200GS* or equivalent  
A continuation of SPAN 200GS, with an emphasis on reading and conversation.

**SPAN 204GS - Culture, Conversation and Writing** .................. 3 hours  
Prereq: SPAN 200GS* or equivalent  
Conversation on cultural and literary topics on the intermediate level and simple composition.

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**SPAN 251 - Spanish Study Abroad II** ........................................... 3-6 hours  
Prereq: SPAN 101* or equivalent  
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 276 - Spanish Study Abroad II** ........................................... 3-6 hours  
Prereq: SPAN 101* or equivalent  
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 302 - Spanish Phonetics/Phonology** .................................. 3 hours  
Prereq: SPAN 201GS* or equivalent  
A theoretical and practical study of the Spanish sound system with the intention of improving the students' pronunciation. Offered in Fall.

**SPAN 303 - Advanced Spanish Grammar** ....................................... 3 hours  
Prereq: SPAN 201GS* or equivalent  
Thorough grammar review. Offered in Fall.

**SPAN 304 - Advanced Conversation and Composition** .................. 3 hours  
Prereq: SPAN 204GS* or equivalent  
An advanced course in Spanish conversation designed to take the student beyond the functional ability gained in the lower level conversation course. Offered in Spring.

**SPAN 305 - Spanish Civilization** .................................................. 3 hours  
Prereq: SPAN 204GS* or equivalent  
Life, customs and institutions of Spain, primarily as a basis for advanced courses in literature. Offered in Fall of even-numbered years.

**SPAN 306 - Survey of Spanish Literature I** ................................... 3 hours  
Prereq: SPAN 204GS* or equivalent  
Survey of principal works in Spanish literature to 1680. Offered in Fall of odd-numbered years.

**SPAN 307 - Survey of Spanish Literature II** .................................. 3 hours  
Prereq: SPAN 204GS* or equivalent  
Study of principal Spanish works from 1680 to the present. Offered in Spring of even-numbered years.

**SPAN 333 - Commercial Spanish** ............................................... 3 hours  
Prereq: SPAN 201GS* or equivalent  
This course is for students who wish to master the essential vocabulary and style specific to Spanish business. Offered every third semester.

**SPAN 337 - Seminar on Hispanic Film** ........................................ 3 hours  
Prereq: SPAN 204GS* or equivalent  
The study of a series of films produced in Spain and/or Latin America. Offered occasionally.

**SPAN 357 - Seminar on Women in Hispanic Literature** ............... 3 hours  
Prereq: SPAN 204GS* or equivalent  
A study of women writers from Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. Offered occasionally.

**SPAN 360 - Latin American Civilization** ....................................... 3 hours  
Prereq: SPAN 204GS* or equivalent  
Life, customs and institutions of Latin America, primarily as a basis for advanced courses in literature. Offered in Fall of odd-numbered years.

**SPAN 375 - Spanish Study Abroad III** ......................................... 3-6 hours  
Prereq: SPAN 201GS* or equivalent  
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 376 - Spanish Study Abroad III** ......................................... 3-6 hours  
Prereq: SPAN 201GS* or equivalent  
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Offered in Summer.

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### SPAN Courses

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<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 400</td>
<td>Golden Age Drama</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Study of dramatists of the Golden Age of Spanish Literature. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 401</td>
<td>Modern Hispanic Drama</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Spanish and/or Latin American dramatists of the 19th and 20th centuries. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 408</td>
<td>Comparative Grammar</td>
<td>3 hours</td>
<td>SPAN 303* or permission of instructor</td>
<td>A comparative and contrastive study of the structures of Spanish and English. Offered every third term.</td>
</tr>
<tr>
<td>SPAN 419</td>
<td>Short Story</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Short story in Spanish and/or Latin American literature. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 420</td>
<td>Spanish Novel</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>The novels of Spain from the generation of 1898 to present. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 421</td>
<td>Latin American Novel</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Principal works by well-known Latin American novelists of the 20th century. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 425</td>
<td>Modern Hispanic Poetry</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Contemporary poetry of Spain and/or Latin America. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 430</td>
<td>Survey of Latin American Literature</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>Survey of literary movements, outstanding authors, and representative prose and poetic works of Latin America from the Colonial period to the present day. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 435</td>
<td>Cervantes</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>The principal works of Cervantes with special emphasis on Don Quixote. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 460</td>
<td>History of the Spanish Language</td>
<td>3 hours</td>
<td>SPAN 201GS* or equivalent</td>
<td>A study of the development of the Spanish language from its beginnings to the present time. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 470</td>
<td>Seminar in Spanish/Latin American Studies</td>
<td>3 hours</td>
<td>SPAN 204GS* or equivalent</td>
<td>The study of literary works and cultural contexts. Topic to be selected and announced in the schedule of courses. May be taken more than once. Offered occasionally.</td>
</tr>
<tr>
<td>SPAN 475</td>
<td>Spanish Study Abroad IV</td>
<td>3-6 hours</td>
<td>a 300-level Spanish course</td>
<td>An advanced level study of the language and culture taught in a Spanish-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>SPAN 476</td>
<td>Spanish Study Abroad IV</td>
<td>3-6 hours</td>
<td>a 300-level Spanish course</td>
<td>An advanced level study of the language and culture taught in a Spanish-speaking country. Offered in Summer.</td>
</tr>
<tr>
<td>SPAN 499</td>
<td>Independent Studies in Spanish</td>
<td>1-3 hours</td>
<td>approval by the department and instructor</td>
<td>Independent study under the direction of a faculty member. Students are not to take this course when a class course is available.</td>
</tr>
</tbody>
</table>

### SPCH Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 100GS</td>
<td>Fundamentals of Speech Communication</td>
<td>3 hours</td>
<td>none</td>
<td>Study and practice of principles of public speaking.</td>
</tr>
<tr>
<td>SPCH 154</td>
<td>Cross-Cultural Communication</td>
<td>3 hours</td>
<td>none</td>
<td>Course designed to aid international student in knowledge of culture.</td>
</tr>
<tr>
<td>SPCH 201</td>
<td>Classical Traditions in the Communicative Arts</td>
<td>3 hours</td>
<td>none</td>
<td>A study of the contributions of the classical civilizations of Greece and Rome to the arts of communication: rhetoric and oratory, theatre and interpretation, and a study of classical influences on modern communication.</td>
</tr>
<tr>
<td>SPCH 202</td>
<td>Communication Concepts in Society</td>
<td>3 hours</td>
<td>none</td>
<td>A survey of the basic concepts of communication through application to different contexts and through examination of literature and methods in communication research.</td>
</tr>
<tr>
<td>SPCH 230</td>
<td>Nonverbal Communication</td>
<td>3 hours</td>
<td>none</td>
<td>Study of principles and effects of nonverbal communication.</td>
</tr>
<tr>
<td>SPCH 231</td>
<td>Introduction to Forensics and Debate</td>
<td>3 hours</td>
<td>none</td>
<td>Study of debate and individual events procedures focused on skills of investigation and presentation.</td>
</tr>
<tr>
<td>SPCH 237</td>
<td>Intercollegiate Debate and Forensics</td>
<td>1-4 hours</td>
<td>none</td>
<td>For students interested in intercollegiate debate and individual events tournaments.</td>
</tr>
<tr>
<td>SPCH 240</td>
<td>Public Speaking for Professions and Business</td>
<td>3 hours</td>
<td>SPCH 100GS</td>
<td>Study and practice of the forms, style and delivery of public speaking in a business context.</td>
</tr>
<tr>
<td>SPCH 299</td>
<td>Organizational Communication</td>
<td>3 hours</td>
<td>none</td>
<td>Studies in business and professional communication, conference and group process, leadership, motivation, and business presentations.</td>
</tr>
<tr>
<td>SPCH 300</td>
<td>Interpersonal and Relational Communication</td>
<td>3 hours</td>
<td>none</td>
<td>Study of interpersonal and relational communication including the role of verbal and nonverbal communication in relationship development and maintenance, conflict management and interpersonal influence.</td>
</tr>
<tr>
<td>SPCH 332</td>
<td>Logic Argumentation and Reasoning</td>
<td>3 hours</td>
<td>none</td>
<td>An examination of theories of practical logic with emphasis on rational decision making.</td>
</tr>
<tr>
<td>SPCH 360</td>
<td>Persuasion and Propaganda</td>
<td>3 hours</td>
<td>none</td>
<td>The study and practice of persuasion.</td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
SPCH 370 - Small Group Communication.................3 hours
Prereq: none
Study of small group communication theory and participation in various
types of group discussion and activities.

SPCH 375 - Diffusion of Innovations ..........................3 hours
Prereq: none
Diffusion of Innovations examines the adoption of innovations by
individuals in a social system from the perspective of a communication
based model. Examples of innovations include fashion trends,
campaign slogans, communication technologies, hygiene practices,
birth control, farming practices, hybrid powered automobiles, types
of government rule (democracy) and genetically engineered foods.
The diffusion phenomenon is examined emphasizing social and
individual points of view. Class sessions are mostly based on
lecture, with some discussion. Assessment tools include exams,
case studies, and a final semester project. The final project will be
presented to the class.

SPCH 380 - Rhetorical Criticism ....................................3 hours
Prereq: none
Study of how to understand the consequences of persuasive
communication, how to evaluate its quality, and how to be an effective
agent of change.

SPCH 400 - The Teaching of Speech ...............................3 hours
Prereq: none
A methods course dealing with practical aspects of structuring and planning
a speech-theatre program in the secondary schools.

SPCH 401 - Seminar: Special Topics ..........................1-3 hours
Prereq: none
Course work on a specific topic of communication designed by the teacher.

SPCH 450 - General Semantics (Language and Behavior) ....3 hours
Prereq: none
A study of the relationships of symbol systems to the development of
personalities, organizations and societies.

SPCH 451 - Leadership Communication ........................3 hours
Prereq: none
A study of the characteristics, styles, roles, and strategies of leaders with
emphasis on parliamentary process.

SPCH 452 - Theories of Organizational Communication ......3 hours
Prereq: none
A study of major themes of communication within the organization: scientific,
humanistic, systems decision making and communication approaches.

SPCH 453 - Interviewing ........................................3 hours
Prereq: none
Theories and techniques of interviewing, including information gathering,
employment, appraisal and persuasive interviewing.

SPCH 454 - Intercultural Communication .......................3 hours
Prereq: none
Study of communication across cultures.

SPCH 455 - Communication Training and Consulting ........3 hours
Prereq: none
A study of how to plan, conduct and evaluate communication training and
development programs within the organization.

SPCH 456 - Rhetorical Theory .....................................3 hours
Prereq: none
Historical study of theories of persuasive communication from early Greek
and Roman times.

SPCH 457 - Contemporary Rhetorical Theory ..................3 hours
Prereq: none
Modern rhetorical theories.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

SPCH 460 - Independent Study and Research ..................1-4 hours
Prereq: none
Investigation of selected problems or topics on an individual basis. Obtain
form from the Department office.

SPCH 475 - Internship .............................................1-9 hours
Prereq: permission of instructor, acceptance by a cooperating organization
In-depth study for advanced students through practical experience in the
business and professional world in the area of speech communication.

SPCH 499 - Communication Theory .............................3 hours
Prereq: 9 hours of core courses completed OR 6 hours completed and
3 taken concurrently
An overview of theory and major theorists in the field of communication.

SPED 445 - Assessment of Young Children: Birth to Five ....3 hours
Prereq: SPED 406; SPED 415 or SPED 425
OR department permission
This course prepares students to evaluate assessment tools for young
children, determine their appropriateness for various purposes, write
and interpret evaluation reports, and translate assessment results into
intervention goals and strategies. In field experiences students will
administer tests and interpret and report the results.

STAT 235 - Statistical Techniques for Research I ................3 hours
Prereq: MATH 101*
Placement: ACT ≥ 20** and 2 years of high school algebra
An introduction to statistics for educational and sociological research.
   The course will include descriptive statistics, normal distribution and
   an introduction to correlation and hypothesis testing.

STAT 241 - Elementary Statistics ................................3 hours
Prereq: MATH 101*
Placement: ACT ≥ 20** and 2 years of high school algebra
An introduction to statistical concepts and methods. Not open to
department majors.

STAT 345 - Applied Statistics I ....................................3 hours
Prereq: MATH 115* or MATH 123*
Descriptive statistics; statistical inference using the binomial, normal,
F and Chi Square distributions; and analysis of variance topics.
Recommended for departmental majors as the beginning applied
statistics course.

STAT 399 - Internship .............................................1-4 hours
Prereq: MATH 115* or MATH 123*
On the job experience designed to complement the major. Internships are
available only in selected areas. Consult with departmental advisor.
(Credit/No Credit)

STAT 437 - Computer Analysis of Statistical Data ..............3 hours
Prereq: STAT 241*, STAT 345*, one computer course
The analysis of data taken from the social sciences. The computer will
be a tool for the course.
**STAT Courses**

**TE Courses**

**Offered by Department of Teacher Education**

**College of Education**

**TE 100 - Teaching in a Democratic Society** 3 hours
Prereq: none
The first course for all teacher education majors. The key course themes are democracy, diversity, and technology. Current educational issues will be explored. The course includes a field experience in K-12 school sites and, also, includes a community service learning component. Concurrent enrollment in a matched section of PSCI 110GS is encouraged.

**TE 204 - Typical/Atypical Growth and Development** 4 hours
Prereq: none
This course is one of the two required for Level II education majors. Students will become aware of human growth/development and exceptionalities. As students explore these areas, they will also be made aware of the necessity to adapt to the changes brought to the classroom via diversity. Students will be involved in K-12 field experiences that will provide them opportunities to observe student development, exceptionalities, and diversity.

**TE 206 - Instructional Technology and the Preservice Teacher** 3 hours
Prereq: admission to Teacher Education
This course will introduce preservice teachers to a variety of technologies and strategies for their use in the instructional process to accommodate diverse students. Preservice teachers will comprehend and model ethical and democratic principles of instructional technology integration in their classrooms. One course requirement is a P-12 school-based project.

**TE 306 - Reading and Inclusion in K-12 Classrooms** 2 hours
Prereq: admission to Teacher Education
This course is designed to introduce practical techniques for teaching reading and inclusive methods for learners with exceptionalities in content areas. Content area reading instruction and effective inclusive practices for both elementary and secondary students will be addressed.

**TE 311 - Math Methods I** 2 hours
Prereq: TE 100
Coreq: TE 313, MATH 230*
This course is designed to prepare students for the challenges of effectively managing the classroom and assessing student progress. The course emphasizes: planning, preparing, establishing routines, monitoring and managing student behavior, aligning standards-based testing, and covariance.

**TE 312 - Math Methods II** 2 hours
Prereq: TE 311*; TE 318* or TE 472; admission to Teacher Education
Coreq: TE 313, MATH 330*
This course focuses on the teaching of mathematics in an elementary classroom setting. The philosophy of teaching mathematics, as advocated by the National Council of Teachers of Mathematics will be introduced. The teaching methodology will center on the mathematical content strands of number/operation and algebra as well as the process strands of problem solving, making connections, and reasoning.

**TE 313 - Field Experience: Math** 0.5 hour
Prereq: none
Coreq: TE 313 or TE 312*
This course is designed to provide practical application of effective mathematics instructional skills and assessment techniques. Students will be placed in one or more elementary classroom settings for a total of fifty (50) clock hours. Students will develop and implement math activities, lessons plans, and assessment procedures with individual students, small groups, and the entire class.

**TE 314 - Phonics and Word Study** 2 hours
Prereq: admission to Teacher Education
Coreq: TE 315, TE 316, TE 317
This is a two-credit undergraduate course designed to teach phonics/word study skill instruction in inclusive K-6 classrooms. The course will emphasize phonemic awareness, phonics, sight word recognition, and spelling in a balanced literacy program.

**TE 315 - Literacy Assessment** 2 hours
Prereq: admission to Teacher Education
Coreq: TE 314, TE 316, TE 317
This course focuses on the teaching of literacy in the primary grades (K-3). The course will emphasize a balanced literacy perspective for the development of reading and writing abilities by primary age children in the inclusive primary grades classroom.

**TE 316 - Primary Grades Literacy** 2 hours
Prereq: admission to Teacher Education
Coreq: TE 314, TE 315, TE 317
This course focuses on the teaching of literacy in the primary grades (K-3). The course will emphasize a balanced literacy perspective for the development of reading and writing abilities by primary age children in the inclusive primary grades classroom.

**TE 317 - Field Experience: Literacy** 1 hour
Prereq: admission to Teacher Education
Coreq: TE 314, TE 315, TE 316
The course is designed to provide practical application of effective primary literacy instructional skills and assessment techniques. Students will be placed in one or more elementary (Kindergarten to Grade 3) classroom settings for a total of fifty (50) clock hours. Students will develop and implement primary literacy lessons plans and assessment procedures.

**TE 318 - Management and Assessment in Preschool/Elementary Classrooms** 2 hours
Prereq: TE 100
This course is designed to prepare students for the challenges of effectively managing the classroom and assessing student progress. The course emphasizes: planning, preparing, establishing routines, monitoring and managing student behavior, aligning standards-based
assessments, determining assessment alternatives, and interpreting assessment results.

**TE 319 - Management and Assessment in K-12/Secondary Classrooms**..........................2 hours
Prereq: admission to Teacher Education
Coreq: TE 320 or ART 371 or CDIS 311* or MUS 358 or PE 471*
This course is designed to prepare students pursuing K-12/Secondary endorsements for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior in a variety of K-12 settings.

**TE 320 - Field Experience in Secondary Classroom**..............2 hours
Prereq: admission to Teacher Education
This 50 clock hour minimum field-based experience is designed to induct students K-12/Secondary endorsements into classroom teaching and develop an awareness of the many roles of a professional K-12/Secondary educator. Under the mentorship of a middle/secondary educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators.

**TE 323 - Partnerships with Families**.................................1 hour
Prereq: TE 100
This course concentrates on the teacher’s role in building successful relationships between families, educators, schools, and communities. Concrete strategies for increasing respectful, successful family-school partnerships that enhance children’s school success will be emphasized.

**TE 327 - Introduction to Language Minority Students**...........2 hours
Prereq: TE 204
The purpose of this course is to provide the prospective entry-level teacher with information relating to changing demographics underlying the presence of language minority students in the public schools, the acculturation process, the terminology of second language education, legal issues for Limited English Proficient (LEP) students, and program models designed to serve them. Special attention is given to identifying the attitudes, skills, and behaviors which the monolingual classroom teacher needs to develop in order to effectively teach language minority students.

**TE 328 - Content Methods in English as a Second Language**..3 hours
Prereq: TE 204
This course is designed to provide classroom and English Second Language (ESL) teachers with knowledge and skills necessary to work with ELLs in mainstream classrooms or in pull-out, sheltered, newcomer, or structured English immersion programs. The aim is to satisfy the twin goals of learning social (BICS) and academic (CALPS) English while not allowing students to fall behind in content instruction.

**TE 329 - Educational Assessment of ESL Students**..............3 hours
Prereq: TE 204
This course is designed to prepare the ESL classroom teacher to organize and implement an appropriate ESL assessment program in a public school. While the course will review principles of measurement and interpretation of current educational tests (intelligent, achievement, language proficiency, and adjustment scales), special emphasis will be placed on other areas as well: cross-cultural communication which include parent-teacher conferences, home visits, and promoting cultural understanding in the classroom; the development of alternative and equitable forms of assessment (authentic, portfolio, and curriculum assessment); and the implementation of a program including hands-on testing practice, the placement of students within an ESL program (or in the regular classroom), and the justification of the program to both regular classroom teachers and administrators.

**TE 331 - Intermediate Literacy**.................................3 hours
Prereq: admission to Teacher Education
This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. This course will emphasize the following: the development of literacy skills in the intermediate child including comprehension skill development, vocabulary development and fluency development in narrative and expository text. The class will emphasize a balanced approach to reading instruction. A variety of theoretical approaches will be explored.

**TE 341 - Foundations of Early Childhood Education**........2 hours
Prereq: TE 100 or FSID 250 or FSID 253
This course will emphasize the role of the preschool teacher in the literacy development of children birth through age 5.

**TE 342 - Literacy Methods for the Preschool Teacher**.............2 hours
Prereq: TE 204 or FSID 250 or FSID 253
This course will emphasize the role of the preschool teacher in the literacy development of children birth through age 5.

**TE 343 - Methods of Inclusive Education Birth through Age 3..3 hours
Prereq: admission to Teacher Education
Coreq: TE 345
This course is designed to provide students with the experiential knowledge and practical skills necessary to select, evaluate, develop, adapt, and implement developmentally appropriate inclusive instructional strategies for infants and toddlers birth through age three across developmental domain areas. Students will focus on arranging inclusive environments, monitoring children’s progress, working with IFSP’s, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for infants and toddlers with and without disabilities.

**TE 344 - Methods of Inclusive Education Ages 4 through 8..3 hours
Prereq: admission to Teacher Education
Coreq: TE 343 or TE 344
This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children birth through age 8. Students will be placed in early childhood teaching environments with children birth through age eight including children with disabilities. The experiences shall consist of 25 clock hours with 20% of the hours (5 hours) in settings with children with a range of disabilities.

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
**TE Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite/Co-requisite</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 351</td>
<td>Reading in the Content Area</td>
<td>admission to Teacher Education</td>
<td>2 hours</td>
</tr>
<tr>
<td>TE 352</td>
<td>Elementary Social Studies Methods</td>
<td>admission to Teacher Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 353</td>
<td>Elementary Science Methods</td>
<td>admission to Teacher Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 354</td>
<td>Field Experiences in Elementary School Science, Social Studies, and Content Area Reading</td>
<td>admission to Teacher Education</td>
<td>1 hour</td>
</tr>
<tr>
<td>TE 400</td>
<td>Student Teaching</td>
<td>admission to student teaching</td>
<td>14 or 17 hours</td>
</tr>
<tr>
<td>TE 401</td>
<td>Context of Education</td>
<td>permission</td>
<td>6 hours</td>
</tr>
<tr>
<td>TE 402</td>
<td>Professional Knowledge and Skills: I</td>
<td>TE 401</td>
<td>6 hours</td>
</tr>
<tr>
<td>TE 403</td>
<td>Professional Knowledge and Skills: II</td>
<td>TE 402, admission to Teacher Education</td>
<td>6 hours</td>
</tr>
<tr>
<td>TE 408</td>
<td>Human Relations</td>
<td>none</td>
<td>1 hour</td>
</tr>
<tr>
<td>TE 411</td>
<td>Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms</td>
<td>admission to Teacher Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 469</td>
<td>Psychology and Education of Gifted and Talented Learners</td>
<td>none</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 470</td>
<td>Guiding the Social and Emotional Development of Gifted/Talented Learners</td>
<td>admission to Teacher Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 472</td>
<td>Field Experience in Middle Level Classrooms</td>
<td>admission to Teacher Education</td>
<td>2 hours</td>
</tr>
<tr>
<td>TE 411</td>
<td>History and Philosophy of Middle School</td>
<td>admission to Teacher Education</td>
<td>3 hours</td>
</tr>
<tr>
<td>TE 473</td>
<td>This course is designed to prepare students for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior at the middle level. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior at the middle level.</td>
<td>admission to Teacher Education</td>
<td>1 hour</td>
</tr>
</tbody>
</table>

**Notes:**

- This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
- This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator at the middle level. Under the mentorship of a practicing middle grades educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to

...on instructional planning and assessment, with special attention to the manner in which these are informed by equity, inclusion, technology and diversity issues. A minimum of 20 hours subject-specific applications in a supervised, directed field experience in an approved secondary classroom setting is required.

- Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity. (Grading A-F)
engage in a variety of school-related activities commonly encountered by professional educators at the middle level.

TESE 474 - Problem Solving in the Elementary and Middle School Classroom ........................................ 3 hours
Prereq: none
Topics include activities with hand-held calculators, topics from number theory, geometry, new looks at old geometry problems, problem solving as a process, probability, statistics and mathematical systems.

TESE 498 - Independent Study ........................................ 1-3 hours
Prereq: none
Investigation of a selected topic or problem on an individual basis. Designed to serve students in teacher education who desire additional study in an area of interest. (Grading A-F)

**TESE Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESE 421</td>
<td>Individuals with Exceptionalities</td>
<td>3 hours</td>
<td>none</td>
</tr>
<tr>
<td>TESE 430</td>
<td>Collaboration, Consultation, and Teamwork</td>
<td>2 hours</td>
<td>TE 204</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3 hours</td>
<td>TE 204</td>
</tr>
<tr>
<td>TESE 461</td>
<td>Legal Issues in Special Education</td>
<td>3 hours</td>
<td>TE 204</td>
</tr>
<tr>
<td>TESE 462</td>
<td>Assessment and Program Planning in Special Education</td>
<td>4 hours</td>
<td>TESE 461*, admission to Teacher Education</td>
</tr>
<tr>
<td>TESE 463</td>
<td>Instructional Strategies for Individuals with Disabilities</td>
<td>2 hours</td>
<td>TESE 462*</td>
</tr>
</tbody>
</table>

*This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

Offered by Department of Teacher Education
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**TESE 464 - Field Experience in Special Education** ..................... 1 hour
Prereq: none
Coreq: TESE 463*, TESE 467*, TESE 468*
The course is designed to provide practical application of learned skills. Students will be placed in an elementary special education setting for a total of fifty clock hours. Students will develop and implement lesson plans and a behavior change plan.

**TESE 467 - Behavioral Interventions for Individuals with Disabilities** ..................... 2 hours
Prereq: TESE 462*
Coreq: TESE 463*, TESE 464*, TESE 468*
The course is designed to address behavioral needs of students with disabilities. Functional behavior assessment, behavior intervention plans, and strategies for special behaviors will be emphasized. Students will apply their knowledge of behavior interventions in the co-requisite field experience.

**TESE 468 - Assistive Technology Interventions** ..................... 2 hours
Prereq: TESE 462*
Coreq: TESE 463*, TESE 464*, TESE 467*, TESE 468*
The course explores assistive technology interventions that enable students with disabilities to participate in the general education curriculum. Interventions will be explored in reading, writing, math, spelling and content areas. Alternative access to computers will be discussed.

**TESE 474 - Field Experience in Secondary Special Education** ..................... 1 hour
Prereq: none
Coreq: TESE 475*
The course is designed to provide practical application of learned skills. Students will be placed in a secondary special education for a total of fifty clock hours. Students will develop and implement lesson plans and a behavior change plan.

**TESE 475 - Curriculum Content for Secondary Students with Disabilities** ..................... 3 hours
Prereq: TESE 462*
Coreq: TESE 474*
The course is designed to address the instructional needs of secondary students with disabilities. Academic instructional interventions, both school and community-based, and assistive technology interventions will be emphasized. Students will apply their knowledge of lesson plan development and classroom management strategies.

**TESE 476 - Transitional Issues for Individuals with Disabilities** ..................... 3 hours
Prereq: admission to Teacher Education
Assessment planning and instruction to facilitate educational and employment post-school outcomes will be emphasized. Federal and state laws governing minimum transition practices will be covered. Assessment, transition planning, services, interagency collaboration, resources, and instruction will be discussed to facilitate a successful transition.

**TESE 479 - Developing Social and Personal Skills in Individuals with Disabilities** ..................... 3 hours
Prereq: admission to Teacher Education
This course is designed to provide students with the knowledge and skills to teach social skills. Students will be exposed to various social skill programs presently on the market that have been designed for students with special needs. The development of social stories and social scripts will be emphasized. Students will apply their knowledge of lesson plans and a behavior change plan.
THEA 120GS - Introduction to the Theatre..............................3 hours
Prereq: none
Study of theatre as a continuing cultural tradition. Designed to explore the role of theatre in society, and acquaint theatre majors and non-majors alike with the basic areas of theatre practice and study. Topics covered may include theatre history, dramatic literature, acting, playwriting, theatre technology, and/or design.

THEA 135 - Introduction to Stage Technology.....................2 hours
Prereq: none
Introduction to the skills and craft of technical theatre, focused on developing a working knowledge of the materials, methods, techniques, tools, supplies, and work habits basic to theatre technicians. Work on mainstage productions will enhance the learning process.

THEA 136 - Introduction to Lighting Technology..................2 hours
Prereq: none
Introduction to lighting for the Theatre with a focus on the installation and maintenance of lighting equipment. Topics covered will include lighting equipment and computer and hand drafting techniques. Work on mainstage productions will enhance the learning process.

THEA 210 - Playscript Analysis.......................................3 hours
Prereq: THEA 120GS
Introduction to the techniques necessary to read, analyze, and understand playscripts for direction, performance, design, or research. Includes the exploration of dramatic structure, plot, character, imagery, and other elements which distinguish plays from other forms of literature.

THEA 222 - Oral Interpretation of Literature......................3 hours
Prereq: none
Development of expression, interpretation, and delivery skills involved in oral presentations through performance of literature, prose, poetry, and drama. Studies may include such topics as literary selection, articulation, projection, and physicalization.

THEA 225 - Acting I.....................................................3 hours
Prereq: THEA 225
Exploration of the foundations of acting through creative “play,” open critiques, and in-class exercises. Study may include an introduction to basic Stanislavski acting terminology and techniques, beginning rehearsal techniques, and performance analysis. Performance skills will be practiced and enhanced through the preparation of monologues and a short scene.

THEA 226 - Acting II...................................................3 hours
Prereq: THEA 225
Continued refinement of acting techniques through the study and final performance of selected scenes, with a focus on character development and script analysis. Coursework will also include the development of emotional realism through work with modern playwrights such as Ibsen, Chekov, Strindberg, and Shaw.

THEA 235 - Creative Dramatics.......................................3 hours
Prereq: none
A fun, practical approach to theatre games, improvisation, and movement providing ample opportunities to participate in and learn to teach beginning theatre courses at elementary and high school levels. Possibilities for work in the community.

THEA 237 - Children’s Theatre......................................3 hours
Prereq: none
Study of the objectives of theatre for young audiences through practical experience in selection, direction, and production of plays by and/or for children.

THEA 240 - Stage Makeup...........................................3 hours
Prereq: none
Introduction to stage makeup design and application techniques. Design and application projects are used to familiarize the student with the essential uses of stage makeup for the actor, technician, and educator.

THEA 241 - Introduction to Costume Technology...............2 hours
Prereq: none
Study and training with basic costuming equipment, materials, and techniques. Designed to teach the basics of costume construction including: patterning, cutting, fitting, altering, and caring for costumes. Specific skills are applied through construction projects and work on mainstage productions.

THEA 295 - Theatre Practicum......................................1 hour
Prereq: permission of instructor
Practical experiences in theatrical production including, but not limited to: acting, stagecraft, scene painting, electrics, props, technical crews, publicity, and administration.

THEA 296 - Elements of Theatrical Design.......................3 hours
Prereq: THEA 135, THEA 136
Overview of theatrical design intended to acquaint students with basic design elements and rendering techniques in relation to scenery, lighting, and costumes for the stage. Script analysis, production design requirements, the collaborative design process, and the universal language (principles) of design will be explored in depth.

THEA 306 - Movement for the Stage.............................3 hours
Prereq: THEA 225
Basic understanding of how the body, as the actor’s physical instrument, functions in a performance space. Techniques studied will prepare actors to react with creative and impulsive movements, while developing control and stamina through exercise, relaxation, improvisation, and imagination. In-class and environmental movement pieces will be performed throughout the semester.

THEA 307 - Voice and Diction for the Stage......................3 hours
Prereq: THEA 225
Raising awareness of spoken English and its basic sound elements through an understanding of the International Phonetic Alphabet (IPA). Preparing for clear, articulate, and well-supported vocal freedom, both on and off stage, through identification of vocal habits. Character voices, dialects, pitch, vocal variety, and ear training may be covered.

THEA 322 - Theatre and Stage Management.....................3 hours
Prereq: THEA 135
Study of the principles and practices in administration and stage management for theatre producing organizations. Areas covered may include: publicity, season selection, personnel, and audience services; with particular emphasis on stage management including scheduling, rehearsals, production, and performances.

THEA 325 - Advanced Acting......................................3 hours
Prereq: THEA 225
Exploration of advanced acting principles and techniques through monologues, ensembles, and scene work. Builds on the foundations developed in Fundamentals of Acting and guides students in the practice of more complex scene analysis and characterization.

THEA 350 - Survey of Dramatic Literature I......................3 hours
Prereq: THEA 120GS
Examination of play scripts as a genre in world literature. The course will follow the progression of dramatic literature from ancient times to the
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>THEA 351 - Survey of Dramatic Literature II</td>
<td>3 hours</td>
<td>THEA 120GS</td>
<td>Examination of dramatic literature with primary focus on the modern and postmodern eras of world literature. Specific emphasis will be placed on the philosophical approaches of Realism/Naturalism and Existentialism.</td>
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<tr>
<td>THEA 400 - Teaching Theatre</td>
<td>3 hours</td>
<td>permission of instructor</td>
<td>Preparation of future Theatre instructors for professional work. Learning to plan, prepare, and execute Theatre programs for high schools, continuing studies programs, and community centers. Study will include: creating courses, developing lesson plans, in-class teaching opportunities, organizing class projects, identifying teaching opportunities, coordinating extracurricular activities, and conducting self-evaluations. Will assist students in identifying and developing individual styles of Theatre pedagogy.</td>
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<tr>
<td>THEA 401 - Special Topics</td>
<td>1-3 hours</td>
<td>permission of instructor</td>
<td>Study in a specific area of theatre which will vary each time the course is offered. Topics of study may include performance, history, criticism, play development, technical theatre, and personnel.</td>
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<tr>
<td>THEA 413 - History of Theatre I</td>
<td>3 hours</td>
<td>THEA 120GS</td>
<td>Survey of Theatre History covering the development of the institution of theatre from pre-historical rituals through the Elizabethan period. Areas of study include: theory and criticism, literature, physical theatre, and personnel.</td>
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<tr>
<td>THEA 414 - History of Theatre II</td>
<td>3 hours</td>
<td>THEA 120GS</td>
<td>Survey of Theatre History covering periods from the Italian Renaissance through the rise of Realism. Areas of study include: theory and criticism, literature, physical theatre, and personnel.</td>
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<tr>
<td>THEA 415 - History of Theatre III</td>
<td>3 hours</td>
<td>THEA 120GS</td>
<td>Survey of Theatre History covering the development of modern theatre in the late 19th and 20th Centuries. Particular emphasis is placed on Realism/Naturalism and Postmodern Theatre. Areas of study include: theory and criticism, literature, physical theatre, and personnel.</td>
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<tr>
<td>THEA 419 - Costume Design</td>
<td>3 hours</td>
<td>THEA 241, THEA 296* OR permission of instructor</td>
<td>Exploration of the elements and principles of design in relation to theatrical costume design. Specific projects are used to develop the design process with explicit attention to character analysis, period research, design conceptualization, and limitations of budgets and production schedules. Application of construction skills is enhanced through production work.</td>
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<tr>
<td>THEA 420 - Scene Design</td>
<td>3 hours</td>
<td>permission of instructor</td>
<td>Introduction to the processes and techniques used to apply design elements and principles in the creation of visual environments. Study and practice in script analysis, research, design process, production styles, stage composition, conceptualization, rendering, scenic model-making, etc. will be used to develop and refine design skills. Application of design skills is enhanced through production work.</td>
<td></td>
</tr>
</tbody>
</table>

* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.
THEA 475 - Internship ..................................................... 1-12 hours
Prereq: permission of theatre faculty, acceptance into a theatre internship program
Practical experience in theatre conducted in cooperation with a professional or resident theatre company. Student work in acting, directing, stage management, design, technical work, or administration will be monitored and evaluated by a Theatre faculty advisor.

THEA 480 - Play Direction ............................................. 3 hours
Prereq: THEA 120GS, THEA 135, THEA 225
Introduction to the fundamentals of directing for the stage through application of basic principles and techniques to one-act and cutting projects. Projects combine theory and practice in play selection, script interpretation, stage movement, stage composition, interpersonal relationships, production values, rehearsals, and ultimate performance.

VOED Courses

VOED 431 - Coordinating Techniques ........................................ 3 hours
Prereq: none
This course analyzes vocational cooperative programs and their relationship to the comprehensive school curriculum for combining school-based and work-based learning. The challenges of developing and implementing an effective work-based learning experience are explored. Emphasis is placed on the organization and supervision of cooperative programs, the duties and responsibilities of the coordinator, the selection and placement of students, the evaluation of training stations, and the evaluation of student occupational competencies. F.

VOED 432 - Foundations and Contemporary Issues in Vocational Education ........................................ 1-3 hours
Prereq: none
Origins and philosophy of vocational education and its relationship to the school curriculum. Required for vocational endorsement and recommended as an elective for school administrators.

VOED 434 - Introduction to Students with Special Needs .......... 3 hours
Prereq: none
A study of the characteristics of disadvantaged and individuals with disabilities. Emphasis is on the identification, similarities, differences, learning characteristics, manifest behaviors, and cultural diversity of these students. Multicultural values are examined with an emphasis toward understanding the impact upon classroom organization and management.

VOED 499 - Special Problems in Vocational Education .......... 1-3 hours
Prereq: permission of instructor
Independent investigations of vocational education problems. Topics to be investigated may be tailored to meet the needs of the student.

WSTD Courses

WSTD 220GS - Introduction to Women's Studies ................. 3 hours
Prereq: none
This interdisciplinary course is designed to investigate the roles, images, and contributions of women in order to understand women's present status in society. Topics such as women and politics, women in history, treatment of women in religion, women as artists, literary images of women, and women's scientific contributions will be discussed with emphasis on cross-cultural and interdisciplinary concerns.

WSTD 420 - Senior Seminar in Women's Studies ................. 3 hours
Prereq: WSTD 220GS
This course will allow students to pursue their major field of study in relation to women's studies. Under faculty direction, students will read independently, research, and write on a topic of interest. The seminar will meet to share research and to explore the larger issues of feminist theory.

WSTD 499 - Special Topics in Women's Studies ................. 1-3 hours
Prereq: WSTD 220GS or permission of instructor
Topics are studied which are not assigned or covered in other Women's Studies courses. The format of this course will vary depending on the topic, instructor and the needs of the students.
Steve R. Pitkin, Assistant Dean
Assistant Professors: Mertz, Miller, Nickel, Pitkin
Nurse Specialists: Bentz, Dauel
Instructors: Burge, Ellermeier, Greni, Pearson, Reed, Stuart, Swanson, Trausch, Waibel-Rycek, Weber
Student Services Advisor: Hilary Christo
Learning Resource Center Coordinator: Diane Feldman
Staff Secretary: Gloria Geiselman, Sarah Handley, Cynthia Taylor

Note: Because of the competitive admissions process to the College of Nursing, it is strongly recommended that students interested in nursing contact the Student Services Advisor on one of the four campuses for current information and advising. The following information is an overview of the College of Nursing. More detailed information is available in the Bulletin of the College of Nursing which may be obtained from the Student Advisor on one of the four College of Nursing campuses.

University of Nebraska Medical Center programs are accredited by North Central Association of Colleges*. All programs of the College of Nursing are accredited by the Committee on College Nursing Education (CCNE). The nursing program is also approved by the Nebraska Board of Nursing. The purpose of this baccalaureate nursing program is to prepare the graduate for entrance into professional nursing practice as a generalist and to provide a foundation for graduate education in nursing.

A total of 128 credits are required for completion of the Bachelor of Science in Nursing (BSN) Program at the University of Nebraska Medical Center (UNMC)-College of Nursing (CON)-Kearney Division.

BSN Purpose
The undergraduate nursing program at UNMC-CON is committed to quality higher education and a learning environment which promotes personal development, scholarship, and competent practitioners who are skilled in the caring art and science of nursing. The graduate of this program is prepared for entry into nursing practice as a generalist with emphasis on the roles of provider of health care, coordinator of health care, and member of the nursing profession.

Graduate Program
The University of Nebraska Medical Center College of Nursing offers graduate programs leading to master of science in nursing (MSN) and doctor of philosophy (PhD) degrees. The masters student enters with an interest in a chosen field of clinical nursing and basic clinical competence. The masters program offers several nurse practitioner options, clinical nurse specialist options and a health systems administration option. The doctoral student enters with clinical competence in a chosen field of nursing and an interest in a specific area of research.

Graduate-level nursing courses are offered by the graduate faculty at the College of Nursing. Graduate-level cognate courses in the basic, behavioral and social sciences may be taken at the University of Nebraska at Omaha, Lincoln, Kearney or the Medical Center, or from other accredited graduate programs. All programs of study are planned with the major advisor after acceptance into the graduate program.

Registered Nurses
The College of Nursing offers an advanced placement program for registered nurses leading to a bachelor of science in nursing or an accelerated option leading to the master of science in nursing. Interested RNs should contact the Student Services Advisor, West Center 267W, UNK, for details.

Goals
As a provider of health care, the baccalaureate generalist integrates scientific, conceptual and nursing practice competencies from the domains of knowing, relating and developing that are common to nursing and human experience.

As a coordinator of health care, the baccalaureate generalist employs managerial, nursing practice and professional competencies to promote comprehensive cost-effective and meaningful health care for consumers in diverse health care environments.

As a member of the profession of nursing the baccalaureate generalist displays a professional ethic and behaviors reflective of the social responsibility and caring tradition of nursing.

Admission to the BSN Program
Admission Policies
Applications for admission to the College of Nursing are welcomed from women and men who are interested in preparing for a career in nursing. In accordance with university policy, UNMC prohibits the denial of admission on the basis of race, color, sex, national origin, age, handicap, or religious or political beliefs.

Preference for admission may be given to Nebraska residents. Admission is competitive based on grade point averages of pre-nursing college/university work. Applicants must be able to meet eligibility requirements for licensure to practice nursing in Nebraska. Persons who have criminal records, substance abuse problems or health problems that could interfere with safe practice may be ineligible for licensure. Applicants must submit a disclosure statement prior to the offer of admission and complete a background check prior to enrollment. Admission may be denied or rescinded based on a review of the background check and disclosure statement.

A freshman student who wishes to pursue a pre-nursing course of study at the University of Nebraska at Kearney (UNK) should make application to UNK as a pre-nursing student. While completing his/her pre-nursing requirements, the student applies for admission into the UNMC-CON. Admission into the major is competitive and the student may indicate a preference for one of four campuses: Kearney, Omaha, Lincoln, or West Nebraska in Scottsbluff.

A pre-nursing student may request information regarding admission to the major from the Office of the College of Nursing Kearney Division located in West Center 267W (Phone: (308) 865-8322).

International applicants must present scores on the Test of English as a Foreign Language (TOEFL) and if necessary the Test of Spoken English (TSE). Minimum scoring standards for admission are:

1. Internet Based TOEFL (iBT) 83. A TSE is not required.
2. Computer Based TOEFL (CBT) 220 and a TSE (Test of Spoken English) of 55.
3. Paper Based TOEFL (PBT) 550 and a TSE of 55.

Foreign students admitted on the basis of undergraduate work completed in a college or university in which instruction is in a language other than English will be required to demonstrate acceptable proficiency in English before they will be eligible for admission. Proficiency must be demonstrated by successfully completing study in a college or university in the United States. These credits must include an intensive language program offering instruction in English as a second language and 6 hours of English Composition.
UNMC College of Nursing

Clinical Facilities-Kearney Campus

The College of Nursing, Kearney Campus, utilizes a variety of health agencies throughout the Kearney area for clinical learning and experience. Cooperating community agencies include: Good Samaritan Health System, Richard Young Hospital, St John Good Samaritan Center, St Luke’s Good Samaritan Village; St Francis Hospital, Grand Island, NE; Mary Lanning Hospital, Hasting, NE. All students complete a rural health experience. All clinical course work is under the direct supervision of the College of Nursing faculty.

Transfer Credit

Usually credit earned from an accredited college is acceptable to the University of Nebraska. Grades from other than a University of Nebraska campus must be at least 2.0 (C) if the course is to be accepted for transfer credit by the College of Nursing. The College of Nursing reserves the right to evaluate all credit hours submitted on an application. Transfer credits are recorded with no grade or quality points assigned.

Applicants from other than University of Nebraska campuses will receive credit in the program based on the transferable college credits they present which are equivalent to the College of Nursing program requirements. It is emphasized that even though courses and credits may transfer, the College of Nursing is the final authority on how these courses and credits apply toward a degree in nursing.

Credit earned more than five years prior to application for admission will be evaluated. Applicant may be required to repeat selected courses, or validate knowledge through challenge examinations.

Financial Aid

Following admission to the College of Nursing, all financial aid for nursing students is disbursed through the UNMC Financial Aid Office, Box 984265, Nebraska Medical Center, Omaha, NE 68198-4265. Application materials are obtained from that office.

Technical Standards for the Undergraduate Program

All candidates must meet minimum technical standards to function successfully as students and later as practitioners of nursing. The following general abilities have been identified as necessary to meet the technical standards for admission.

The student must possess the functional use of the senses of sight, hearing, touch, and smell. He/she must also possess a sense of equilibrium along with sufficient motor function to carry out activities required in nursing. Additionally, the student must possess the communication and intellectual skills to perform the assessment and intervention activities required in providing nursing care.

These general abilities will be required to meet the objectives of undergraduate courses and will be evaluated throughout the program.

Admission Requirements

1. Graduation from high school or GED Certificate (High School Equivalency).
2. Evidence of math competency. This requirement may be satisfied by math ACT score of 20 or higher, successful scores on placement exam or completion of math courses that demonstrate readiness for college algebra.
3. A cumulative grade point average (GPA) of 2.5 (C) or better for all non-nursing college work is required prior to admission. Admission will be competitive based on college cumulative GPA. Applicants with GPA’s of 2.5 and above will be given priority consideration for admission.

A course grade of “C” or above is required in each non-nursing required course. Consideration for final acceptance is dependent upon the cumulative grade point average and the number of non-nursing courses successfully completed (see next page for non-nursing requirements).

4. Two references are required. Examples of acceptable references are high school teachers, college faculty and employers. RNs with work experience need one reference from a supervisor.

5. Students accepted into the nursing program must provide the following before admission is final:
   A. medical health forms,
   B. verification of current Basic Life Support (BLS) cardiopulmonary (CPR) certification for health professionals. Other types of CPR certification are not acceptable,
   C. immunization information for enrollment,
   D. disclosure statement and background check.

These are general policy requirements. Students at Lincoln, West Nebraska and Kearney Divisions should check with individual campus requirements. Admission is not final until documentation of the above is provided.

Application Process

Application forms and information about the College of Nursing can be obtained from the Office of Academic Records, University of Nebraska Medical Center, Box 984230, Nebraska Medical Center, Omaha, NE 68198-4230, or online at www.unmc.edu/nursing. Applicants may obtain additional information through the Student Services Advisors of the College of Nursing (Kearney Division 308/865-8322).

The application for admission includes the following: An application admission form (including the Campus Preference Form), two letters of recommendation, an official high school transcript (showing date of graduation) or high school equivalency certificate (GED), and official transcripts of ALL university/college work and any other educational institutions attended since graduation from high school, as well as scores from TOEFL and TSE for International Students.

Students with a minimum cumulative college grade point average of 2.5 (C) may apply for admission. Since the College of Nursing cannot admit more students than it has resources to accommodate, admission is competitive based on college cumulative GPA and course completion; therefore it is in the best interest of the student to complete as many of the non-nursing courses with the best GPA as possible. An average GPA for admission has been 3.0 or above for all campuses. A course grade of “C-” and below in any of the non-nursing courses is not acceptable to the UNMC College of Nursing. Full admission is dependent upon the cumulative GPA and successful completion of all prerequisites and support courses.

The application should be submitted online at www.unmc.edu/nursing or sent to:

University of Nebraska Medical Center
Office of Academic Records
984230 University of Nebraska
Omaha, NE 68198-4230

Applications are accepted twice a year by February 1 and August 1. The starting date for the program is late August and early January each year. Applications are reviewed in January and July, and enrollment may be limited by educational resources available.

A nonrefundable application fee must accompany each initial application to the University of Nebraska Medical Center. Application fees are not applied toward tuition and fee charges. Applicants who are currently enrolled are not required to pay an application fee to either UNO, UNK, and UNL. Payment is made by check or money order payable to the University of Nebraska Medical Center.

Transcripts and all other materials submitted in support of an application become the permanent property of the university and will not be returned.

Applicants who are enrolled in pre-nursing at the University of Nebraska-Lincoln, University of Nebraska at Kearney, or University of Nebraska at Omaha must authorize the transfer of records and transcripts by completing the “Change of Campus” form.
Following acceptance, and prior to enrollment, the student must provide (a) medical health forms, (b) immunization information, and (c) verification of CPR for Health Professionals certification. Acceptance is not final until these requirements are met. Students are required to have current immunizations and CPR certification throughout the program. All students with 7 or more credit hours are required to carry health insurance. Finally, each student admitted to the College of Nursing must meet with the Student Services Advisor on his or her campus to file a projected plan of study.

**Additional information for the Kearney Division of the College of Nursing.**

1. Pre-nursing students and nursing majors need to contact the Kearney Division for information regarding non-nursing course requirements.

2. Students are responsible for their own transportation to and from clinical area(s). Clinical laboratory and/or classes may be taught in Kearney, Hastings, Grand Island, and surrounding communities.

3. Those who plan to work toward the completion of a degree in nursing on a part-time basis should seek advice from the College of Nursing with regard to the program of study. The non-nursing courses may be completed prior to beginning the sequence of nursing courses; this permits part-time study.

Candidates for a degree who do not complete all requirements within a five-year period will have their records reevaluated and may be required to repeat some courses.
UNMC College of Nursing

Bachelor of Science in Nursing

Admission Statement

Admission to UNMC nursing school is competitive and based on scholastic record, personal recommendations and an admission interview. Students applying to nursing schools other than UNMC College of Nursing should check with those schools for specific course and admission requirements.

A. Complete pre-nursing requirements with grade of at least A “C” = 62 hours

The UNMC College of Nursing requires completion of 62 credit hours of pre-nursing pre-requisites with a grade of “C” or better for admission.

B. Complete nursing curriculum with grade of at least a “C” = 66 hours

Total ........................................................................................................128 hours

*See undergraduate nursing courses.

Pre-Nursing Requirements:

MATH requirement

ACT Math score of 20 or better

OR

Math Department Placement test score of >17

OR

MATH 101, Intermediate Algebra............................................. 3 hour

Take all of the following:

BIOL 225, Human Anatomy
    and Physiology I ........................................................................ 4 hours

BIOL 226, Human Anatomy
    and Physiology II ........................................................................ 4 hours

ENG 101GS, Expository Writing I .............................................. 3 hours

ENG 102GS, Expository Writing II .............................................. 3 hours

PSY 203GS, General Psychology .................................................. 3 hours

SOC 100GS, Introduction to Sociology ......................................... 3 hours

Take 1 course from:

FSID 150, Lifespan Development
    and the Family ........................................................................ 3 hours

PSY 230GS, Human Development................................................. 3 hours

Take 4 hours from:

CHEM 145GS, Introductory Chemistry ....................................... 4 hours

CHEM 150GS, Introduction to Organic
    and Biochemistry ........................................................................ 4 hours

CHEM 160GS, General Chemistry .................................................. 3 hours

(Prereq: MATH 102 or Math ACT score of 20 or better or
    permission of instructor)

CHEM 160LGS, General Chemistry
    Laboratory ..................................................................................... 1 hour

Take:

MATH requirement
    ACT Math score of 20 or better

OR
    Math Department Placement test score of >17

OR
    MATH 101, Intermediate Algebra............................................. 3 hour

*See Nursing Adviser for additional course selections

Microbiology

Take:

BIOL 211GS, Human Microbiology............................................. 4 hours

Nutrition

Take:

FSID 110GS, Introduction to Nutrition ........................................ 3 hours

Statistics

Take 3 hours from:

STAT 235, Statistical Techniques
    for Research I ........................................................................ 3 hours

STAT 241, Elementary Statistics ............................................... 3 hours

BIOL 305, BioStatistics .................................................................. 3 hours

Ethics

Take:

PHIL 120GS, Introduction to Ethics............................................. 3 hours

BIOL 311, Bioethics ........................................................................ 3 hours

*Cultural, Race, Ethnicity or Gender - 3 hours

Suggested Courses (See Advisor for Addition):

GEOG 106GS, Human Geography ............................................. 3 hours

HiST 250GS, American History ............................................... 3 hours

HiST 251GS, American History ............................................... 3 hours

SOC 225, Global Cultures and Diversity ..................................... 3 hours

SOC 250GS, Anthropology ......................................................... 3 hours

*Humanities - 3 hours

Suggested Courses (See Advisor for Addition):

ENG Literature
    ART 100GS, Art Structure ......................................................... 3 hours
    ART 120GS, Drawing I ............................................................... 3 hours
    MUS 100GS, Introduction to Music ........................................... 3 hours
    SPCH 100GS, Fundamentals of Speech Communication ....... 3 hours
    THEA 120GS, Introduction to the Theatre ........................................ 3 hours

*Family and Human Behavior - 3 hours

Suggested Courses (See Advisor for Addition):

FSID 151GS, Human Sexual Behavior ......................................... 3 hours

FSID 250, Infant Development ..................................................... 3 hours

FSID 351GS, Marriage and Family Relationships ....................... 3 hours

SOC 430, Sociology of Family ..................................................... 3 hours

*Political Science & Social Organization - 3 hours

Suggested Courses (See Advisor for Addition):

FSID 100GS, Personal Money Management ......................................... 3 hours

PSCI 110GS, Introduction to American Politics ........................................ 3 hours

PSCI 170GS, Introduction to Political Thought ........................................ 3 hours

*Additional Required Elective

Take 1 additional 3 hour course from starred areas above.

Free Electives ................................................................................. 7 hours

Total .................................................................................................. 62

*See Nursing Adviser for additional course selections
LEVEL I

NU 262 - Professional Nursing ................................. 2 credits
This course begins the student's development as a professional nurse. It will cultivate students as co-participants engaging in a variety of learning interactions. The traditional and evolving roles of the professional nurse will be explored with an emphasis on societal forces. The philosophy and conceptual framework of the College of Nursing at UNMC will be examined and the relationship among the concepts will be explored. Course content will promote acquisition of the professional role through the development and enhancement of lifelong learning skills. Class - 2 credit hours. Prerequisite: Admission to Nursing Major.

NU 280 - Foundations of Nursing Care ................................. 4 credits
This course provides theory and practice focusing on essential psychomotor and therapeutic interpersonal skills for professional nursing. Students are given an opportunity to develop and practice skills in laboratory and clinical settings with adult clients. Class - 2.5 credit hour. Lab - 1.5 credit hour. Corequisites: NU 262, NU 268.

NU 386 - Evidenced Based Nursing Practice and Research ................................................. 2 credits
This course is designed to acquaint the student with the research process and its relationship to nursing science. Emphasis is placed on the components of the research process, the concepts and terms associated with the process, and the evaluation of published research reports so that research may be utilized in professional practice. Class - 2 credit hours. Prerequisites: Level I, Statistics. Permission of instructor.

LEVEL II

NU 320 - Family Centered Nursing Care of Adults I ........... 7 credits
This course focuses on the nursing care of individual adult clients within the context of their families. Core knowledge from prerequisite and corequisite courses will be used to support integration of content. Emphasis will be placed on the students' beginning utilization of decision making models and development of clinical judgment to restore, promote and protect the health care of adult clients. A variety of health care settings will be utilized to maximize student experiences. Through the processes of knowing, relating, and developing the student will attain a better understanding of self and adult clients and their families. Class - 4 credit hours. Lab - 3 credit hours. Prerequisites: NU 262, NU 268; Prerequisite or Concurrent: NU 270, NU 280, NU 325.

NU 325 - Pathophysiologic Basis of Alterations in Health .4 credits
This course focuses on the pathophysiologic basis for selected alterations in health across the life span. Theories of disease causation will be explored. Acquired, immune, infectious, carcinogenic and genetic alterations in health in the body systems will be presented with an emphasis on etiology, cellular and systemic pathophysiologic response and clinical manifestations. Interdisciplinary management will be introduced. Class - 4 credit hours. Prerequisite: Anatomy and Physiology. Permission of Instructor.

PHARM 270 - Pharmacology ............................................. 2 credits
The primary goal of this course is to provide basic pharmacologic information that will impart an understanding of the action of drugs on the human organism, so that the nursing student can apply this knowledge prior to, during, and after the judicious administration of drugs in the practice of nursing. Familiarity with the general pharmacologic actions of common classes of drugs will enable the nurse to be better able to evaluate expected therapeutic responses in patients, as well as to evaluate for possible adverse effects. The student will be introduced to basic pharmacology with an emphasis on how drugs act in humans in ways that relate to nursing. This is accomplished through utilization of the nursing process: assessment, intervention and evaluation. Knowledge of the science of pharmacology is integrated by nursing in the care of humans as bio-psycho-social-spiritual beings. This course provides the nurse with an indispensable base of current knowledge that is utilized to make effective clinical judgments when providing nursing for health care consumers. Prerequisites: none.

LEVEL III

NU 340 - Family-Centered Maternity Nursing .................. 5 credits
This course focuses on the nursing care of the at low/high risk childbearing family across antepartum, intrapartum, postpartum and newborn periods. Common women's health issues across the life span will be addressed. Decision-making processes are applied in a family centered approach to promote and to restore women's health. The concepts of wellness, developing, relating and knowing are integrated into the nursing care. Current trends and issues related to family centered maternity and women's health will be explored. Ambulatory, inpatient and home management of various levels of wellness will be implemented in a variety of clinical settings. Class - 3 credit hours. Lab - 2 credit hours. Prerequisites: All Level I and II or permission of instructor.

NU 350 - Family-Centered Nursing Care of Children ........ 5 credits
This course focuses on the application of problem-solving approaches to promote, protect, and restore the health of children from infancy through adolescence within the context of the family. The concepts of growth, developing, relating and knowing are emphasized. Current trends and issues related to family-centered health care of children will be explored. A variety of clinical experiences will be provided in ambulatory, inpatient and community settings. Class - 3 credit hours. Lab - 2 credit hours. Prerequisites: Completion of Level I and II or permission of instructor.

NU 425 - Concepts, Issues, and Nursing Care Related to Chronic Health Conditions ................................. 4 credits
This course focuses on the developmental tasks and biopsychosocial coping of clients and families experiencing chronic physical health conditions across the life span. The instructional strategy of problem-based learning will be used to assist students to examine major problems and issues related to chronicity. During seminar sessions, students will use their decision-making skills to plan promotive, protective, and restorative care for selected case studies of clients with
chronic health conditions and their families. Cultural, ethical, legal, and economic issues related to chronicity will be explored. Emphasis will be placed on collaboration and coordination to provide continuity of care in a variety of environments. During clinical experiences students will apply and evaluate empiric, ethical and personal knowledge and skills in development of practice knowledge and skills during interactive experiences with clients and families, health care providers, and agencies providing assistance with management of chronic physical conditions. Class - 2 credit hours. Lab - 2 credit hours. Prerequisites: Level I, and Level II.

**LEVEL IV**

**NU 410 - Client-Centered Psychiatric**  
Mental Health-Nursing .................................................4 credits

This course presents nursing care which emphasizes the process of relating to promote, restore, and protect the mental health of individuals and groups. This course will explore the human experience of mentally ill clients as they interact with environmental forces including their families and health care providers. Current trends and issues related to psychiatric mental health nursing will be explored. A variety of settings will be used to provide learning experiences. Class - 2 credit hours. Lab - 2 credit hours. Prerequisites: Level I, Level II and Level III, permission of instructor.

**NU 420 - Community Health Nursing .................................................5 credits**

In this course students learn about community-focused nursing practice. The process of knowing focuses on introductory concepts of public health, community assessment, health program development, case management for individuals and families, and analysis of health risks for populations. Health promotion, protection, and restoration interventions for clients across the lifespan are emphasized in clinical practice. Concepts consistent with the nursing dimensions of relating to promote, restore, and protecting the mental health of individuals and groups are provided. Class - 2 credit hours. Clinical - 3 credit hours. Prerequisites: Level I, Level II, and Level III. Prerequisite or Corequisite: NU 410.

**NU 460 - Gerontological Nursing .................................................4 credits**

This course synthesizes scientific, conceptual and nursing content while focusing on the unique biopsychosocial factors related to the aging client. Demographic, environmental, ethnic, and cultural issues related to aging are explored. Emphasis is placed on the students' ability to apply complex clinical judgment and skills in promoting, protecting, and restoring older adults highest functional capacity. Clinical experiences are provided in diverse environments. Class - 2 credit hours. Lab - 2 credit hours. Prerequisites: Level I, Level II, and Level III.

**LEVEL V**

**NU 435 - Health Policy and Issues .................................................2 credits**

Emphasis in this course is on professional role development in relation to environmental, social, political, and economic factors which influence health care policy. Selected topics are examined to help students analyze issues, compare and contrast multiple views on issues, and formulate appropriate responses to health care policy. Class - 2 credit hours. Prerequisites: Level I, Level II, Level III and Level IV. Permission of instructor.

**NU 450 - Family-Centered Nursing Care of Clients with Acute Complex Problems .................................................5 credits**

This course focuses on nursing care of clients and their families who are experiencing acute alterations in health. Emphasis will be on restoration, protection and promotion of health in high acuity settings. Students will have the opportunity for follow-up of clients they have cared for during acute health alterations. Problem based approaches will be utilized in the planning, organization, and implementation of nursing care. Through the processes of knowing, relating, and developing, the student will gain an understanding of the human health experience as it relates to the acutely ill. Class - 2 credit hours. Clinical - 3 credit hours. Prerequisites: Level I, Level II, Level III, and Level IV.

**NU 470 - Nursing Management Strategies .................................................3 credits**

Management of human, fiscal, and material resources to promote an environment facilitating delivery of health care is the focus of this course. Skills in influencing, collaborating, facilitating, negotiating, and building teams, selected management strategies, and development of personal effectiveness, accountability, and responsibility for maintaining standards of quality client care are emphasized. Class - 2 credit hours. Lab - 1 credit hour. Prerequisites: Level I, Level II, and Level III, and Level IV.

**NU 480 - Transition to Professional Nursing .................................................4 credits**

This course is a clinical practicum which provides each student an opportunity to assume the role of a beginning professional nurse in concert with a registered nurse preceptor in a health care setting selected by the student in collaboration with faculty. During the practicum students integrate previously acquired knowledge and experience to develop self-reliance, build expertise, and begin role transition. Students employ the human processes of knowing, developing, and relating as they explore and demonstrate competency in the roles of provider of health care, coordinator of health care, and member of the profession. Lab - 4 credit hours. Prerequisites: Level I, Level II, Level III, Level IV and NU 450, NU 460, and NU 470.

**NU 385 - Health Care Outcomes Management .................................................5 credits**

*(to be taken by Advanced Placement students, or RN students)*

This course focuses on health care outcome management of clients and their families who are experiencing alterations in their health or life processes. This course is designed to build on the previous education and experience of the RN and will provide those concepts and learning experiences that are unique to baccalaureate education. Concepts such as family dynamics, health promotion, symptom management, ethics, and research are integrated into three nursing areas; gerontology, chronic illness, and acute complex problems. Emphasis is placed on the student's ability to use critical thinking skills to promote health care outcomes. Prerequisites: NU 325, NU 399, NU 268.

**NU 438 - Independent Study .................................................1-3 credits**

*(elective - students must file a plan of study with the instructor the semester before they intend to take this course)*

Independent Study is designed to meet needs and interests of individuals and/or groups of students for nursing theory and/or practice not offered in other courses. Self-directed learning requires independence in motivation and direction as students use their own unique learning abilities to accomplish their selected goals. Prerequisites: senior level standing in the College of Nursing or permission of instructor.

**NU 444 - Senior Clinical Nursing**

Externship 3 .................................................6 credits

The purpose of this course is to provide the student with expanded client care experiences in a faculty supervised practice setting. The course focus is on improving student planning, organization and psychomotor skills, enabling the student to enter their senior year and their professional practice more knowledgeable about the responsibilities of the nursing role, and more secure in their own capabilities. Prerequisites: all 300 level nursing coursework. Clinical - 3 hours.
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Professor of Accounting/Finance; 1989; B.S., J.D., M.Prof.Acc., University of South Dakota; LL.M., University of the Pacific; C.P.A.

Daren Snider  
Director of General Studies and Associate Professor of Modern Languages; 2000; B.A., University of California-Riverside; M.A., University of Wisconsin-Madison; Ph.D., University of Utah.

Robin R. Sobansky  
Associate Professor of Counseling and School Psychology; 2005; B.A., M.S., Wayne State College; Ph.D., University of Nebraska-Lincoln.

Kaye Sorensen  
Senior Lecturer in Mathematics and Statistics; 1990-1997, 2006; B.S., Kearney State College; M.S., University of Nebraska at Kearney.

Linda Spessard-Schuetz  
Professor of Biology; 1976; B.S., M.S., Eastern Illinois University; Ph.D., University of Tennessee.

Joseph T. Springer  
Professor of Biology; 1979; B.A., Knox College; M.S., Ph.D., Washington State University.

John Stanko  
Assistant Professor of Art and Art History; 2007; B.F.A., University of Nebraska at Kearney; M.F.A., Virginia Commonwealth University.

Janet E. Steele  
Professor of Biology; 1993; B.S., Texas A&M University; M.S., Eastern Illinois University; Ph.D., Miami University.

Christopher Stevens  
Associate Professor of Political Science; 2007; B.A., University of Massachusetts-Amherst; M.A., University of Delaware; Ph.D., Brandeis University.

Geraldine E. Stirtz  
Senior Lecturer in Teacher Education; 1990; B.S., M.A.Ed., Kearney State College.

Jeanne Stolzer  
Associate Professor of Family Studies and Interior Design; 2002; B.S., M.S., Ph.D., University of Nebraska-Lincoln.

Jane Strawhecker  
Associate Professor of Teacher Education; 2000; B.A., Kearney State College; M.A., Mid-America Nazarene University; Ph.D., University of Nebraska-Lincoln.

Nadine Stuehm  
Senior Lecturer in Social Work; 1996; B.A., Kearney State College; M.S.W., University of Nebraska at Omaha.

Clifford Summar  
Assistant Professor of Health, Physical Education, Recreation and Leisure Studies; 2007; B.S., West Texas State University; M.S.Ed., Baylor University; Ph.D., University of New Mexico.
Rebecca Umland  
Professor of English; 1989; B.A., M.A., Ph.D., University of Iowa.

Sam Umland  
Professor of English; 1988; B.A., M.A., Ph.D., University of Nebraska-Lincoln.

Nita Unruh  
Chair and Associate Professor of Health, Physical Education, Recreation and Leisure Studies; 1999; B.S., Henderson State University; M.S., Florida State University; Ed.D., University of Arkansas.

Scott Unruh  
Professor of Health, Physical Education, Recreation and Leisure Studies; 1999; B.S., School of the Ozarks; M.Ed., Ed.D., University of Arkansas.

Linda Van Ingen  
Director of the Women's and Gender Studies Program and Associate Professor of History; 2001; B.A., University of Iowa; M.A., Ph.D., University of California, Riverside.

Jody Van Laningham  
Assistant Professor of Social Work; 2007; B.A., Doane College; M.A., Ph.D., University of Nebraska-Lincoln.

Vernon Volpe  
Chair and Professor of History; 1987; B.A., M.A., Youngstown State University; Ph.D., University of Nebraska-Lincoln.

Theresa A. Wadkins  
Associate Professor of Psychology; 1990; B.S., Kearney State College; M.S., Fort Hays State University; Ph.D., University of Nebraska-Lincoln.

Ed Walker  
Professor of Teacher Education; 1979; B.S., Wayne State College; M.A., Ed.D., University of Nebraska-Lincoln.

Jacob Weiss  
Assistant Professor of Mathematics and Statistics; 2007; B.S., University of Nebraska at Kearney; M.S., Ph.D., University of Nebraska-Lincoln.

Mark Wethington  
Assistant Professor of Theatre; 2007; B.A., Bowling Green State University; M.F.A., Florida State University.

Andrew White  
Assistant Professor of Music; 2005; B.M., M.M., Artist Diploma; D.M.A., Cleveland Institute of Music/Case Western Reserve University.

Beth Wiersma  
Associate Professor of Criminal Justice; 2001; B.S., Moorhead State University; M.S., Northern State University; Ph.D., South Dakota State University.

Janet Stoeger Wilke  
Dean and Associate Professor, Library; 1988; B.S., M.S., Chadron State College; M.A.L.I.S., University of Wisconsin-Madison.

Barton Willis  
Professor of Mathematics and Statistics; 1992; B.S., Kansas State University; Ph.D., Virginia Polytechnic Institute and State University.

Ronald Wirtz  
Associate Professor and Coordinator of Library Services, Library; 2007; B.A., Ph.D., Kansas State University; M.A., Colorado State University; M.L.S., Emporia State University.

William Wozniak  
Professor of Psychology; 1978; A.B., University of Notre Dame; M.A., Ph.D., Miami University.

Gene G. Wubbels  
Professor of Chemistry; 1995; B.S., Hamline University; Ph.D., Northwestern University.

Diane Kholos Wysocki  
Professor of Sociology; 1996; B.A., Arizona State University; M.A., Ph.D., University of California, Santa Barbara.

Marsha K. Yeagley  
Senior Lecturer in Marketing; 1978; B.S., M.B.A., Kearney State College.

Maha Younes  
Chair of Criminal Justice and Social Work and Professor of Social Work; 1991; B.S., M.S.Ed. Kearney State College; M.S.W., University of Nebraska-Omaha; Ph.D., University of Nebraska-Lincoln.

Robert Young  
Associate Professor of Accounting/Finance; 1965; B.A., M.A., University of Iowa.

Jane Ziebarth-Bovill  
Associate Professor of Teacher Education; 1984; B.A., M.A.Ed., Kearney State College, Ph.D., University of Nebraska-Lincoln.

Kathryn M. Zuckweiler  
Assistant Professor of Management; 2005; B.A., Whittier College; M.B.A., University of Houston; Ph.D., University of Nebraska-Lincoln.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position, Institution, Location</th>
<th>Education and Certification</th>
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<tbody>
<tr>
<td>Julie Bair</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; Certificate in Radiologic Technology, 2002.</td>
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<tr>
<td>Jeffrey Dennis</td>
<td>Clinical Instructor, Alegent Health Immanuel Medical Center, Omaha; B.S., Midland Lutheran College, 1997.</td>
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<tr>
<td>Lori Dobish</td>
<td>Clinical Instructor, Mary Lanning Memorial Hospital, Hastings; B.S., Kearney State College, 1987.</td>
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<tr>
<td>Natalie Dolan</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; B.A., Colorado State University, 1992; A.A.S. in Radiologic Technology, Pikes Peak Community College, Colorado Springs.</td>
<td></td>
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<tr>
<td>Sylvia Dolberg</td>
<td>Clinical/Didactic Instructor, Regional West Medical Center School of Radiologic Technology; B.S., University of Nebraska at Kearney; A.A., Western Nebraska Community College; RT Diploma, West Nebraska General Hospital; Certification/Advanced Certification, American Registry of Radiologic Technologists in Radiography, Cardiovascular - Interventional, Computed Tomography.</td>
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<tr>
<td>Cristi Engel</td>
<td>Didactic Instructor, Mary Lanning Memorial Hospital, Hastings; B.S., University of Nebraska at Kearney; 2000.</td>
<td></td>
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<tr>
<td>Daniel Gilbert</td>
<td>Program Director, Regional West Medical Center School of Radiologic Technology, Scottsbluff; B.S., University of Nebraska Medical Center; RT Diploma, West Nebraska General Hospital; Certification/Advanced Certification, American Registry of Radiologic Technologists in Radiography.</td>
<td></td>
</tr>
<tr>
<td>Steven D. Groves</td>
<td>Clinical Instructor, Sioux Valley Hospital School of Radiologic Technology, Sioux Falls; B.S., Chadron State College, 1971; Registry, United States Air Force School of Radiologic Technology, 1974; M.A. Chadron State College, 1978.</td>
<td></td>
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<tr>
<td>Janice Heasty</td>
<td>Didactic Instructor, Regional West Medical Center School of Radiologic Technology; B.S.N., University of Nebraska Medical Center; A.S.N., University of Nebraska - Lincoln; A.S., Western Nebraska Community College.</td>
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<tr>
<td>Debra Hilzer</td>
<td>Clinical Instructor, Regional West Medical Center School of Radiologic Technology; RT, Diploma, Western Nebraska General Hospital School of Radiologic Technology; Certification, American Registry of Radiologic Technologists in Radiography.</td>
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<tr>
<td>Joseph Hoffman</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs.</td>
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<tr>
<td>Kevin Jones</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; Certificate in Radiologic Technology, Memorial Hospital School of Radiologic Technology, Colorado Springs, 1998; A.A.S. Iowa Western Community College, 1995.</td>
<td></td>
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<tr>
<td>Todd Klopfenstein</td>
<td>Director of Clinical Education, Alegent Health Immanuel Medical Center, Omaha; B.S., Midland Lutheran College, 1997.</td>
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<tr>
<td>Jean Korth</td>
<td>Program Director, Mary Lanning Memorial Hospital, Hastings; B.S., University of Nebraska at Kearney, 1999.</td>
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<tr>
<td>CydMaire McGinley</td>
<td>Clinical Instructor, Alegent Health Immanuel Medical Center, Omaha; B.S., Creighton University, 1981.</td>
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<tr>
<td>Candace McNamara</td>
<td>Clinical Instructor, Sioux Valley Hospital School of Radiologic Technology, Sioux Falls; Certificate in Radiologic Technology, Sioux Valley Hospital, 1978; B.S., University of Sioux Falls, 1997.</td>
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<tr>
<td>Doug Miller</td>
<td>Clinical/Didactic Instructor, Regional West Medical Center School of Radiologic Technology; RT, Diploma, Regional West Medical Center.</td>
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<tr>
<td>Rebecca Miller</td>
<td>Clinical Affiliate, Clinical Instructor, Mary Lanning Memorial Hospital, Hastings.</td>
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<tr>
<td>Karen Mousel</td>
<td>Clinical Instructor, Mary Lanning Memorial Hospital, Hastings; B.S., University of Nebraska at Lincoln, 1993.</td>
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<tr>
<td>Morgan Mullins</td>
<td>Clinical Instructor, Regional West Medical Center School of Radiologic Technology; RT, Diploma, Regional West Medical Center; Certificate, American Registry of Radiologic Technologists in Radiography.</td>
<td></td>
</tr>
<tr>
<td>Randy Prouty</td>
<td>Clinical/Didactic Instructor, Regional West Medical Center School of Radiologic Technology; A.A., Western Nebraska Community College; RT Diploma, West Nebraska General Hospital; Certification, American Registry of Radiologic Technologists in Radiography.</td>
<td></td>
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<tr>
<td>Paul Rodriguez</td>
<td>Medical Advisor, Mary Lanning Memorial Hospital, Hastings; M.D., Michigan State University, 1995.</td>
<td></td>
</tr>
<tr>
<td>Rachel Rusch</td>
<td>Didactic Instructor, Regional West Medical Center School of Radiologic Technology; B.S., University of Nebraska Medical Center; RT, Diploma, Regional West Medical Center; Certification, American Registry of Radiologic Technologists in Radiography, Nuclear Medicine; Certification, Nuclear Medicine Technology Certification Board.</td>
<td></td>
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<tr>
<td>Christine Sater</td>
<td>Clinical Coordinator, Memorial Hospital School of Radiologic Technology, Colorado Springs; Certificate in Radiologic Technology, Memorial Hospital School of Radiologic Technology, 1980.</td>
<td></td>
</tr>
<tr>
<td>Debra Schneider</td>
<td>Didactic Instructor, Regional West Medical Center School of Radiologic Technology; RT, Diploma, Regional West Medical Center; Certification/Advanced Certification, American Registry of Radiologic Technologists in Radiography, Mammography; Certification from the American Society of Clinical Pathology in Phlebotomy.</td>
<td></td>
</tr>
<tr>
<td>L. Scott Smith</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; Certificate in Radiologic Technology, Memorial Hospital School of Radiologic Technology, Colorado Springs, 1997; B.S., B.A., Phoenix; A.A.S., Pikes Peak Community College, Colorado Springs.</td>
<td></td>
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<tr>
<td>Suanne Soden</td>
<td>Clinical Affiliate, Clinical Instructor, Mary Lanning Memorial Hospital, Hastings.</td>
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<tr>
<td>Jenny Uecht</td>
<td>Didactic Instructor, Mary Lanning Memorial Hospital, Hastings; B.S., University of Nebraska at Kearney, 2001.</td>
<td></td>
</tr>
<tr>
<td>Paul VonQualen</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; A.A.S., Fort Wayne, Indiana, 1977; B.S., Indiana Institute of Technology, 1980; Certificate in Radiology Technology, Memorial Hospital, School of Radiologic Technology, Colorado Springs, 1993.</td>
<td></td>
</tr>
<tr>
<td>Liana Watson</td>
<td>Didactic Instructor, Regional West Medical Center School of Radiologic Technology; B.A., Chadron State College; RT, Diploma, West Nebraska General Hospital; Certificate, Penrose Hospital; Certificate/Advanced Certification, American Registry of Radiologic Technologists in Radiography, Mammography, Sonography; Certification/Advanced Certification, American Registry of Diagnostic Medical Sonography in OB/GYN, Abdominal, Neurosonography, Vascular Technology.</td>
<td></td>
</tr>
<tr>
<td>Linda Yannetos</td>
<td>Clinical Instructor, Memorial Hospital School of Radiologic Technology, Colorado Springs; Technical Degree, North Miami General School of Radiologic Technology, 1978.</td>
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<tr>
<td>Name</td>
<td>Position</td>
<td>Education</td>
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<tr>
<td>Jeanne Bentz</td>
<td>Nurse Specialist; 2000; B.S.N., M.S.N., University of Nebraska Medical Center.</td>
<td></td>
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<tr>
<td>Stephanie Burge</td>
<td>Instructor of Nursing; 1998; B.S.N., M.S.N., University of Nebraska Medical Center.</td>
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<tr>
<td>Lois Dauel</td>
<td>Nurse Specialist; 2005; B.S., B.S.N., University of Nebraska Medical Center.</td>
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<tr>
<td>Michelle Ellermeier</td>
<td>Instructor of Nursing; 2008; B.S.N, M.S.N., University of Nebraska Medical Center.</td>
<td></td>
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<tr>
<td>Jessica Greni</td>
<td>Instructor of Nursing; 2008; A.D.N., B.S.N., Dickinson State University; M.S.N., University of Phoenix.</td>
<td></td>
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<tr>
<td>Mary Ann Mertz</td>
<td>Assistant Professor of Nursing; 2007; B.S.N., University of Missouri; M.N., University of Washington; Ed.D., Seattle University.</td>
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<tr>
<td>Joella Miller</td>
<td>Assistant Professor of Nursing; 1989; B.S., Kearney State College; M.S., Creighton University.</td>
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<tr>
<td>Kathryn Nickel</td>
<td>Assistant Professor of Nursing; 1985; B.S., M.S.Ed., Kearney State College; Ph.D., University of Colorado.</td>
<td></td>
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<tr>
<td>Kellyn Pearson</td>
<td>Instructor of Nursing; 2009; B.S.N., Creighton University; M.S.N., University of Colorado Health Sciences Center.</td>
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<tr>
<td>Steve Pitkin</td>
<td>Assistant Dean and Assistant Professor of Nursing; 1983; B.A., Kearney State College; M.N., Wichita State University.</td>
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<tr>
<td>Jill Reed</td>
<td>Instructor of Nursing; 2002; B.S.N., M.S.N., University of Nebraska Medical Center.</td>
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<td>Nancy Stuart</td>
<td>Instructor of Nursing; 1998; B.S.N., Boston State College; M.S., Boston University.</td>
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<tr>
<td>Heather Swanson</td>
<td>Instructor of Nursing; 2007; B.S.N., University of Nebraska Medical Center; M.S.N., University of New Mexico.</td>
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<tr>
<td>Patricia Trausch</td>
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<td></td>
</tr>
<tr>
<td>Denise Waibel-Rycek</td>
<td>Instructor of Nursing; 2006; B.S., University of Illinois, Chicago; B.S.N., Rush University; M.S.N., Creighton University.</td>
<td></td>
</tr>
<tr>
<td>Rita Weber</td>
<td>Instructor of Nursing; 2006; B.S., Mount Marty College; M.S., Creighton University.</td>
<td></td>
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</tbody>
</table>

**UNMC, Kearney Division Faculty Emeriti**

- Judy Billings, Nursing, 1976-2005
- Carol Ott, Nursing, 1984-2008
University of Nebraska at Kearney Faculty Emeriti

**College of Business and Technology**
- Elsie Cafferty, Business Administration/Business Education, 1974-2001
- Margaret Camp, Accounting/Finance, 1976-2008
- Beverly Curry, Family and Consumer Sciences, 1990-2003
- Galen D. Hadley, Accounting/Finance, 1991-2004
- W. Dale Ingram, Business, 1956-1986
- Darrel V. Jensen, Nebraska Safety Center, 1977-2007
- Gladys Styles Johnston, Management/Marketing, 1993-2003
- Gene H. Koepke, Marketing, 1972-2004
- Carl Lewis, Economics, 1969-1992
- James A. Miller, Industrial Technology, 1968-1989
- Sam C. Reno, Management/Marketing, 1987-2001
- Jerry Ridges, Management/Marketing, 1984-2003
- Ruth Schmitz, Marketing, 1972-2004
- Philip Shade, Accounting/Finance, 1982-2000
- Donald G. Sluti, Management, 1992-2008
- Larry D. Theye, Management/Marketing, 1966-2000
- Dale Zikmund, Business Administration/Business Education, 1972-2002

**College of Education**
- Kathy Carpenter, Learning Skills Center, 1975-2001
- John Cochran, Communication Disorders, 1973-1986
- Tom Contine, Teacher Education, 1987-2001
- Don Dahlin, Educational Administration, 1967-1989
- Kent C. Emal, Communication Disorders, 1967-2008
- Kathryn Falconer, Communication Disorders, 1979-2003
- Charlene Hildebrand, Teacher Education, 1992-2004
- Clinton J. Ludeman, Teacher Education, 1969-2003

**College of Fine Arts and Humanities**
- Charles Peek, English, 1967-2000
- Peter A. Jones, Counseling & School Psychology, 1967-2000
- Louis C. Ninegar, Educational Administration, 1958-1982
- Paul R. Welter, Counseling & School Psychology, 1968-1992

**Faculty**

**College of Business and Technology**
- Ione McHale Pierce, Special Education/Communication Disorders, 1975-1990
- Louis C. Ninegar, Educational Administration, 1958-1982
- Paul R. Welter, Counseling & School Psychology, 1968-1992

**College of Fine Arts and Humanities**
- Dwight Adams, English, 1956-1988
- David Anderson, English, 1966-2001
- Michael A. Benzel, English, 1987-2005
- Donald K. Briggs, Journalism and Sports Information Director, 1957-1990
- Richard Detsch, Modern Languages, 1977-2000
- C. Thomas Draper, Journalism and Mass Communication, 1986-1997
- Gerald Feese, Music, 1963-1986
- Paul Fritton, English, 1964-1988
- Edna L. Furness, English, 1961-1972
- Marion Grandone, English, 1968-2005
- Elmer Holzrichter, Art, 1963-1988
- Jack Karraker, Art, 1961-2006
- Robert Kirby, English, 1969-1992
- Mary A. Lierley, Art, 1969-1991
- Charles Peek, English, 1967-2008
<table>
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<tr>
<th>Department</th>
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<tr>
<td>Faculty</td>
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<td>Jean M. Petitt, English, 1954-1973</td>
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<td>James Rundstrom, Journalism and Alumni Association Director, 1968-2008</td>
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<td>Raymond Schultz, Art and Art History, 1965-2000</td>
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<td>Arnold Sivils, Music, 1965-2000</td>
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<td>Helen Winter Stauffer, English, 1968-1990</td>
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<td>Gary F. Thomas, Music, 1957-1994</td>
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<td>Don L. Welch, English, 1959-1997</td>
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<td>Nancy E. Whitman, Music and Dance, 1972-1997</td>
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<td>J. Thomas York, Modern Languages, 1966-2001</td>
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<td>Gary E. Zaruba, Art and Art History, 1967-2005</td>
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<td>Don Kaufman, Chemistry, 1969-2008</td>
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<td>John F. Kuecker, Chemistry, 1965-1995</td>
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<td>Robert D. Lind, Geography, 1967-2003</td>
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<td>Stanley Longfellow, Biology, 1966-1999</td>
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<td>Peggy I. Miller, Mathematics and Statistics, 1986-2005</td>
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<td>Harold G. Nagel, Biology, 1969-2005</td>
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<td>Kenneth Nikels, Psychology, 1971-2007</td>
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<td>Ruth A. Pigott, Sociology, 1974-2000</td>
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<td>Albert E. Poorman, Biology, 1984-1992</td>
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<td>James L. Roark, Chemistry, 1969-2008</td>
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<td>John B. Rohrs, Physics, 1967-1992</td>
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<td>Donald Leroy Schmidt, Political Science, 1965-1996</td>
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<td>Bruce Stewart, Mathematics and Statistics, 1965-2000</td>
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<td>Marvin Stone, Geography, 1965-1997</td>
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<td>James A. Swanson, Chemistry, 1962-1997</td>
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<td>Clayton E. True, Biology, 1965-1999</td>
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<td>Marvin C. Williams, Biology, 1966-2000</td>
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<td>Ann Elizabeth O’Quinn Young, History, 1965-2000</td>
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<td>Mary Ann Barton, Library, 1997-2007</td>
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<td>Sharon L. Mason, Library, 1981-2006</td>
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<td>Mary Mendenhall, Library, 1966-1988</td>
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<td>James C. Rowling, Library, 1975-2008</td>
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<td>Doris Timperley, Library, 1957-1987</td>
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<tr>
<td>Administration</td>
<td>William R. Lewis, University Relations, 1992-2004</td>
<td></td>
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<td></td>
<td>Nester William, Chancellor, 1983-1993</td>
<td></td>
</tr>
</tbody>
</table>

College of Natural and Social Sciences

Gordon E. Bennett, Geography and Earth Science, 1975-2006
Peter Blickensderfer, Chemistry, 1966-1995
Dennis Brown, Criminal Justice, 1977-2007
R. David Clark, Chemistry, 1975-2003
Robert R. Colling, Mathematics, 1965-1993
William Cupp, Sociology, 1977-1986
Myron Fougeron, Biology, 1967-1993
M. Kim Gronewold, Biology, 1972-2008
Keith Heaton, Political Science, 1966-1987
Richard W. Ikenberry, Biology, 1965-1999
Guidelines for the Use of Information Technology Resources at UNK

I. INFORMATION TECHNOLOGY RESOURCES

Information technology (IT) resources at UNK include computers, mobile devices, storage devices, peripheral devices, supplies, software, documentation, networks, services, and support.

UNK is a provider of a means to access the vast amount of information available through electronic resources, but is not a regulator of the content of that information and takes no responsibility for the content, except for that information the University itself and those acting on its behalf create.

UNK cannot and does not guarantee user privacy. Users should be aware that on occasion duly authorized personnel have authority to access individual user files or data in the process of performing repair or maintenance of equipment. Users should also be aware that the Nebraska public records statutes are very broad in their application and some University records contained in electronic form require disclosure if a public record request is made.

II. PERMITTED USE

Accepting any account and/or using UNK’s IT resources shall constitute an agreement on behalf of the user to abide by these Guidelines. Access to IT resources at UNK is a privilege, not a right, and must be treated as such by all users. Failure to act in accordance with these guidelines and relevant local, state, and federal laws and regulations may result in denial of access to IT resources or other disciplinary action.

IT resources are to be used predominately for University-related business. However, personal use is permitted so long as it conforms with these Guidelines and does not interfere with University operations or an employee user’s performance of duties as a University employee.

III. MISUSE OF INFORMATION TECHNOLOGY AND NETWORK SYSTEMS

Misuse of University IT and network systems is prohibited. Misuse includes the following:

A. Attempting to modify or remove IT equipment, software, or peripherals without authorization.
B. Accessing without proper authorization computers, software, information, or networks to which the University belongs, regardless of whether the resource accessed is owned by the University or the abuse takes place from a non-University site.
C. Taking actions, without authorization, which interfere with the access of others to information systems.
D. Circumventing logon or other security measures.
E. Using information systems for any illegal or unauthorized purpose.
F. Personal use of information systems or electronic communications for non-University consulting, business or employment, except as expressly authorized by Section 3.4.5 of the Bylaws of the Board of Regents.
G. Sending any fraudulent electronic communication.
H. Violating any software license or copyright without the written authorization of the software owner.
I. Using electronic communications to violate the property rights of authors and copyright owners.
J. Using electronic communications to harass or threaten others, so as to interfere with the educational or employment experience.
K. Using electronic communications to disclose proprietary information without the explicit permission of the owner.
L. Reading other users’ information or files without permission.
M. Academic dishonesty.
N. Forging, fraudulently altering or falsifying, or otherwise misusing University or non-University records.
O. Using electronic communications to hoard, damage, or otherwise interfere with academic resources available electronically.
P. Using electronic communications to steal another individual’s works, or otherwise misrepresent one’s own work.
Q. Using electronic communications to fabricate research data.
R. Launching a computer worm, computer virus or other rogue program.
S. Downloading or posting illegal, proprietary or damaging material to a University IT resource.
T. Transporting illegal, proprietary or damaging material across a University network.
U. Violating any state or federal law or regulation in connection with the use of any IT resources.
V. Personal use of any University information system to access, download, print, store, forward, transmit or distribute obscene material.
W. Using another’s ID or access codes without permission of the appropriate System Manager.
X. Creating a web page or similar service using or attached to UNK IT or network resources that does not comply with UNK’s Web page guidelines.
Y. Forging, fraudulently altering or falsifying, or otherwise misusing University or non-University records.
Z. Using electronic communications to hoard, damage, or otherwise interfere with academic resources available electronically.
AA. Using electronic communications to steal another individual’s works, or otherwise misrepresent one’s own work.
BB. Using electronic communications to fabricate research data.
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SS. Using another’s ID or access codes without permission of the appropriate System Manager.
TT. Creating a web page or similar service using or attached to UNK IT or network resources that does not comply with UNK’s Web page guidelines.

IV. ENFORCEMENT

The Assistant Vice Chancellor for Information Technology is authorized to monitor the use of all campus-wide IT resources and Department and Program Administrators are authorized to monitor their specific IT resources, to manage and protect those resources and the rights of their users, and to recommend the imposition of sanctions against any person who violates these guidelines. Sanctions may be both internal, involving loss of IT privileges or other university disciplinary measures, and external, involving civil or criminal action under the Nebraska Computer Crimes Act or Federal Statutes.
Policy for Responsible Use of University Computers and Information Systems

Executive Memorandum No. 16

1. PURPOSE
   It is the purpose of this Executive Memorandum to set forth the University’s administrative policy and provide guidance relating to responsible use of the University’s electronic information systems.

2. GENERAL
   The University of Nebraska strives to maintain access for its faculty, staff, students, administrators and Regents (the “users”) to local, national and international sources of information and to provide an atmosphere that encourages sharing of knowledge, the creative process and collaborative efforts within the University’s educational, research and public service missions.

   Access to electronic information systems at the University of Nebraska is a privilege, not a right, and must be treated as such by all users of these systems. All users must act honestly and responsibly. Every user is responsible for the integrity of these information resources. All users must respect the rights of other computer users, respect the integrity of the physical facilities and controls, and respect all pertinent license and contractual agreements related to University information systems. All users shall act in accordance with these responsibilities, and the relevant local, state and federal laws and regulations. Failure to so conduct oneself in compliance with this Policy may result in denial of access to University information systems or other disciplinary action.

   The University of Nebraska is a provider of a means to access the vast and growing amount of information available through electronic information resources. The University of Nebraska is not a regulator of the content of that information and takes no responsibility for the content of information, except for that information the University itself and those acting on its behalf create. Any persons accessing information through the University of Nebraska information systems must determine for themselves and their charges whether any source is appropriate for viewing.

   Accepting any account and/or using the University of Nebraska’s information systems shall constitute an agreement on behalf of the user or other individual accessing such information systems to abide and be bound by the provisions of this Policy.

   The University may restrict or prohibit the use of its information systems in response to complaints presenting evidence of violations of University policies or state or federal laws. When it has been determined that there has been a violation, the University may restrict or prohibit access by an offending party to its information systems through University-owned or other computers, remove or limit access to material posted on University-owned computers or networks, and, if warranted, institute other disciplinary action.

3. DEFINITIONS
   For purposes of this policy the following definitions shall apply:
   a. “Electronic communications” shall mean and include the use of information systems in the communicating or posting of information or material by way of electronic mail, bulletin boards, World Wide Web (internet), or other such electronic tools.
   b. “Information systems” shall mean and include computers, networks, servers and other similar devices that are administered by the University and for which the University is responsible. “Networks” shall mean and include video, voice and data networks, routers and storage devices.
   c. “Obscene” with respect to obscene material shall mean (1) that an average person applying contemporary community standards would find the material taken as a whole predominantly appeals to the prurient interest or a shameful or morbid interest in nudity, sex, or excretion, (2) the material depicts or describes in a patently offensive way sexual conduct specifically set out in Neb. Rev. Stat. §§ 28-807 to 28-809, as amended, and (3) the material taken as a whole lacks serious literary, artistic, political, or scientific value.

4. PERMITTED USE
   a. University Business Use and Limited Personal Use. University information systems are to be used predominately for University-related business. However, personal use is permitted so long as it conforms with this Policy and does not interfere with University operations or an employee user’s performance of duties as a University employee. As with permitted personal use of telephones for local calls, limited personal use of information systems does not ordinarily result in additional costs to the University and may actually result in increased efficiencies. Personal use of any University information system to access, download, print, store, forward, transmit or distribute obscene material is prohibited. UNDER ALL CIRCUMSTANCES, PERSONAL USE BY EMPLOYEES MUST COMPLY WITH SUBSECTION b. OF THIS SECTION AND SHALL NOT CONFLICT WITH AN EMPLOYEE’S PERFORMANCE OF DUTIES AND RESPONSIBILITIES FOR THE UNIVERSITY. Personal use may be denied when such use requires an inordinate amount of information systems resources (e.g. storage capacity).
   b. Prior Approval Required for Personal Use for Outside Consulting, Business or Employment. Personal use of University information systems resources or equipment by any user for personal financial gain in connection with outside (non-University) consulting, business or employment is prohibited, except as authorized for employees by Section 3.4.5 of the Bylaws of the Board of Regents. Employee personal use in conjunction with outside professional consulting, business or employment activities is permitted only when such use has been expressly authorized and approved by the University Administration or the Board of Regents, as appropriate, in accordance with the requirements of said Section 3.4.5 of the Bylaws.

5. ACCESS
   Unauthorized access to information systems is prohibited. No one should use the ID or password of another; nor should anyone provide his or her ID or password to another, except in the cases necessary to facilitate computer maintenance and repairs. When any user terminates his or her relation with the University of Nebraska, his or her ID and password shall be denied further access to University computing resources.

6. MISUSE OF COMPUTERS AND NETWORK SYSTEMS
   Misuse of University information systems is prohibited. Misuse includes the following:
   a. Attempting to modify or remove computer equipment, software, or peripherals without proper authorization.
   b. Accessing without proper authorization computers, software, information or networks to which the University belongs, regardless of whether the resource accessed is owned by the University or the abuse takes place from a non-University site.
   c. Taking actions, without authorization, which interfere with the access of others to information systems.
   d. Circumventing logon or other security measures.
   e. Using information systems for any illegal or unauthorized purpose.
   f. Personal use of information systems or electronic communications for non-University consulting, business or employment, except as expressly authorized pursuant to Section 3.4.5 of the Bylaws of the Board of Regents.
   g. Sending any fraudulent electronic communication.
c. Response to a Public Records Request, Administrative or Judicial

- Violating any software license or copyright, including copying or redistributing copyrighted software, without the written authorization of the software owner.
- Using electronic communications to violate the property rights of authors and copyright owners. (Be especially aware of potential copyright infringement through the use of e-mail. See the provisions under “E-Mail” contained in this Policy.)
- Using electronic communications to harass or threaten users in such a way as to create an atmosphere which unreasonably interferes with the education or the employment experience. Similarly, electronic communications shall not be used to harass or threaten other information recipients, in addition to University users.
- Using electronic communications to disclose proprietary information without the explicit permission of the owner.
- Reading other users' information or files without permission.
- Academic dishonesty.
- Forging, fraudulently altering or falsifying, or otherwise misusing University or non-University records (including computerized records, permits, identification cards, or other documents or property).
- Using electronic communications to hoard, damage, or otherwise interfere with academic resources available electronically.
- Using electronic communications to steal another individual's works, or otherwise misrepresent one's own work.
- Using electronic communications to fabricate research data.
- Launching a computer worm, computer virus or other rogue program.
- Downloading or posting illegal, proprietary or damaging material to a University computer.
- Transporting illegal, proprietary or damaging material across a University network.
- Personal use of any University information system to access, download, print, store, forward, transmit or distribute obscene material.
- Violating any state or federal law or regulation in connection with use of any information system.

7. PRIVACY

a. User Privacy Not Guaranteed. When University information systems are functioning properly, a user can expect the files and data he or she generates to be private information, unless the creator of the file or data takes action to reveal it to others. Users should be aware, however, that no information system is completely secure. Persons both within and outside of the University may find ways to access files. ACCORDINGLY, THE UNIVERSITY CANNOT AND DOES NOT GUARANTEE USER PRIVACY and users should be continuously aware of this fact.

b. Repair and Maintenance of Equipment. Users should be aware that on occasion duly authorized University information systems technological personnel have authority to access individual user files or data in the process of performing repair or maintenance of computing equipment the University deems is reasonably necessary, including the testing of systems in order to ensure adequate storage capacity and performance for University needs. Information systems technological personnel performing repair or maintenance of computing equipment are prohibited by law from exceeding their authority of access for repair and maintenance purposes or from making any use of individual user files or data for any purpose other than repair or maintenance services performed by them.

c. Response to a Public Records Request, Administrative or Judicial Order or Request for Discovery in the Course of Litigation. Users should be aware that the Nebraska public records statutes are very broad in their application. Certain records, such as unpublished research in progress, proprietary information, personal information in personnel and student records are protected from disclosure. However, most other University records contained in electronic form require disclosure if a public record request is made. Users should remember this when creating any electronic information, especially e-mail. Also, users should be aware that the University will comply with any lawful administrative or judicial order requiring the production of electronic files or data stored in the University’s information systems, and will provide information in electronic files or data stored in the University’s information systems in response to legitimate requests for discovery of evidence in litigation in which the University is involved.

d. Response to Misuse of Computers and Network Systems. When for reasonable cause, as such cause may be determined by the Office of the Vice President and General Counsel, it is believed that an act of misuse as defined in section 6 above has occurred, then the chief information services officer serving Central Administration or serving the relevant campus may access any account, file or other data controlled by the alleged violator and share such account information, file or other data with those persons authorized to investigate and implement sanctions in association with the misuse of the University’s computer and information systems. Should any of the chief information service officers reasonably believe that a misuse is present or imminent such that the potential for damage to the system or the information stored within it, is genuine and serious (e.g. hacking, spamming or theft), then the chief information officer may take such action as is necessary to protect the information system and the information stored in it, including the denial of access to any University or non-University user, without a determination from the Office of the Vice President and General Counsel regarding reasonable cause; provided however, that the chief information officer shall contact the Office of the Vice President and General Counsel as soon as possible to confirm that any protective actions taken were appropriate and within the parameters of this executive memorandum.

e. Access to Information Concerning Business Operations. Employees regularly carry out the business functions of the University using the University’s information systems. Business records, inquiries and correspondence are often stored such that individuals may control the access to particular information stored within the University’s information system. Should any employee become unavailable, be incapacitated due to illness or other reasons, or refuse to provide the information necessary to carry out the employee’s job responsibilities in a reasonably timely manner, then following consultation with and approval by the Office of the Vice President and General Counsel, the chief information officer of Central Administration or of the relevant campus may access the employee’s records in order to carry out University business operations on behalf of the unavailable or uncooperative employee.

8. E-MAIL

a. Applicability. ALL POLICIES STATED HEREIN ARE APPLICABLE TO E-MAIL. E-mail should reflect careful, professional and courteous drafting-particularly since it is easily forwarded to others. Never assume that only the addressee will read your e-mail. Be careful about attachments and broad publication messages. Copyright laws and license agreements also apply to e-mail.

b. E-mail Retention. E-mail messages should be deleted once the information contained in them is no longer useful. When e-mail communications are sent, the e-mail information is stored in one or more backup files for the purposes of “disaster recovery”, i.e. inadvertent or mistaken deletions, system failures. In order to provide for the recovery of deleted e-mail, while maintaining efficient use of storage capabilities, e-mail information on backup files shall be retained for a period of time not to exceed seven days.
9. WEB PAGES
The Central Administration and each University campus may establish standards for those Web Pages considered to be “official” pages of the University. All official Web Pages shall contain the administrative unit’s logo in the header and footer in order to identify it as an official University of Nebraska Web Page. No other Web Pages shall be allowed to use University of Nebraska logos without the express permission of the University.

Originators of all Web Pages using information systems associated with the University shall comply with University policies and are responsible for complying with all federal, state and local laws and regulations, including copyright laws, obscenity laws, laws relating to libel, slander and defamation, and laws relating to piracy of software.

The persons creating a Web Page are responsible for the accuracy of the information contained in the Web Page. Content should be reviewed on a timely basis to assure continued accuracy. Web Pages should include a phone number or e-mail address of the person to whom questions/comments may be addressed, as well as the most recent revision date.

10. NOTIFICATION
This Policy shall be published in all employee and faculty handbooks and student catalogs, and placed on the World Wide Web in order to fully notify users of its existence.

11. APPLICATION AND ENFORCEMENT
This Policy applies to all administrative units of the University of Nebraska. The Central Administration and each University campus is encouraged to provide supplemental policy guidance, consistent with this Policy, designed to implement the provisions herein.

Each University campus shall be responsible for enforcing this Policy in a manner best suited to its own organization. It is expected that enforcement will require cooperation between such departments as computer systems administration, human resources, affirmative action, academic affairs and student affairs. Prior to any denial of access or other disciplinary action, a user shall be provided with such due process as may be recommended by the University’s Office of the General Counsel.

Revised and dated August 28, 2001
L. Dennis Smith, Ph.D., President
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