

# 2009-2010 Undergraduate Catalog

## 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.

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## 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 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 with financial assistance 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.

## Glossary of Terms

### 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

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

# 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

# General Information

## Mission

### UNK Mission

The University of Nebraska at Kearney is a public, residential university committed to be 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  
 William R. Nester, Ed.D., 1983-1993  
 Gladys Styles Johnston, Ph.D., 1993-2002  
 Douglas A. Kristensen, J.D., 2002 to the present

## Governance

### University of Nebraska Board of Regents

	District	Term
Timothy F. Clare, J.D., Lincoln	1	2008
Howard L. Hawks, M.B.A., Omaha	2	2002
Chuck Hassebrook, B.A., Lyons	3	1994
Robert L. Whitehouse, Ed.S., Papillion	4	2006
James E. McClurg, Ph.D., Lincoln	5	2002
Kent Schroeder, Chair, J.D., Kearney	6	1998
Robert A. Phares, Vice Chair, B.A., North Platte	7	2006
Randolph M. Ferlic, M.D., Omaha	8	2000

### 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. Bick, 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*

### 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*

## Accreditations

The University of Nebraska at Kearney is accredited by the North Central Association of Colleges and Schools\* and by the National Council for Accreditation of Teacher Education.



Additional discipline specific accreditations include:

- AACSB International - The Association to Advance Collegiate Schools of Business (AACSB) (Business programs)
- American Chemical Society Approved List of Programs (Chemistry)
- American Speech-Language-Hearing Association's Council on Academic Accreditation (Speech-Language Pathology)
- Commission on Accreditation of Athletic Training Education (CAATE) (Athletic Training)
- Council for Accreditation of Counseling and Related Educational Programs (CACREP) (Community Counseling)
- Council for Interior Design Accreditation (CIDA) (Interior Design)
- Council on Social Work Education (CSWE) (Social Work)
- National Association of Industrial Technology (NAIT) (Aviation Systems Management, Construction Management, Industrial Distribution, Telecommunications Management)
- National Association of Schools of Music (NASM) (Music)
- National Association of School Psychologists (School Psychology)
- National Kitchen and Bath Association (NKBA) (Interior Design)
- Nebraska Department of Education (Teacher Education)

The following accreditations are of the UNMC College of Nursing-Kearney Division:

- Nebraska State Board of Nursing (Nursing)
- Committee on College Nursing Education (CCNE) (Nursing)

Additionally, the Family Studies program is certified by the National Council on Family Relations (NCFR).

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

## Assessment

The assessment of student outcomes at UNK is viewed as a formative process that enables faculty and staff to use results to focus on enhancement of teaching and improvement of student performance. The Assessment Program at UNK focuses on the need for development and utilization of assessment of student outcomes in a systematic and continuous manner. Faculty ownership of the assessment process is the overall goal for successful implementation and utilization of assessment data at UNK.

The SVCASA has the responsibility for oversight of assessment at UNK. This includes the development of a strategic assessment plan

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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.

## Four-Year Guarantee

### UNK Response to Meeting the Regents' 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.

## Public Service

It is the purpose of any state-supported institution to serve the needs of its diverse constituency. UNK works cooperatively with other agencies to provide the public with educational services to enhance individual, regional, state, national, and international development. Sponsorship of the James E. Smith Midwest Conference on World Affairs resumed in 1988 with international representatives converging on Kearney to discuss issues of global importance. Through the Museum of Nebraska Art, the Artists and Lecturers series, and the various other artistic and cultural resources of the campus, the institution serves as the cultural hub of Central Nebraska.

## 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

Constructed in 1956 and remodeled in 1964 and 1984, this building houses Admissions, Campus Post Office, Career Services, Counseling Center, Academic Advising Office, Student Support Services, Financial Aid, Learning Strategies Office, and Counseling and Health Care (CHC).

### 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 as a gift from the Clara Ockinga estate, this building provides two seminar rooms used by the University and the public as well as the office of International Education.

### Otto Olsen Building

Built in 1957, this structure houses Family Studies and Interior Design, Industrial Technology, Computer Science and Information Systems, Information Technology Services and the UNK Child Development Center.

### 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 renewal 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.

## General Information

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## Alumni Association

Since 1906, following the graduation of the first class at the Nebraska State Normal School at Kearney, the Alumni Association has been working to maintain the link between graduates and the University of Nebraska at Kearney. More than 36,000 alumni are now in the files of the Association.

The Association produces *UNK Today*, a magazine published twice annually, maintains an alumni database, hosts reunions, coordinates Homecoming activities, sponsors Student Alumni Foundation and Gold Torch Mentoring Society, and facilitates the Distinguished Alumni, Alumni Service, and Athletic Hall of Fame Awards.

The official home of the Association is the Alumni House, 2222 9th Avenue. The facility, built in 1907, is on the National Register of Historic Places. It was once the residence of Dr. A.O. Thomas, the first president of the Nebraska State Normal School.

## University of Nebraska Foundation

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 lectureships. 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: 308-698-5270

## Clean Air Policy

**The University of Nebraska at Kearney is a smoke-free campus. No tobacco products may be used in facilities or vehicles of the University of Nebraska at Kearney.**

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.

## 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: [admissionsug@unk.edu](mailto:admissionsug@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 home-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.

Individuals who have completed high school should submit their application at least four weeks prior to the start of the term in which they wish to be admitted. Students seeking various forms of financial aid should submit their application for admission as early as possible.

For the convenience of new students attending a Summer Session, UNK has an Open Admissions policy which does not require students to meet full admission criteria. The application form and admissions application fee must be submitted prior to registration. However, **PRIOR** to their next registration (for a Fall or Spring Semester), these students **MUST** apply for official admission to UNK through the Office of Admissions.

## Admission of Transfer Students

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 more 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.

## 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 since July 1, 1991, will be transferred to UNK and applied to the student's University grade point average.

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. That is, such credits do not transfer automatically, and the student must furnish official score reports, etc., for consideration. (CLEP score requirement: 50th percentile or better for UNK to award credit. Credit awarded for CLEP subject examinations only. UNK does not award credit for CLEP general examinations.)
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](http://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

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## 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.



# Financial Information

## Summary of Costs Per Semester

### (2009-2010 Rates)

Tuition (Resident).....	\$145.50/hr (2008-2009 rate)
Tuition (Non-Resident).....	\$298.00/hr (2008-2009 rate)
Board and Room.....	\$3,385-\$4,005
Academic Success Fee .....	\$1.75/hr
Collegiate Readership Fee .....	\$3.00
Facilities Fee.....	\$6.00/hr
Health and Counseling Fee .....	\$80.00
ID Card Fee .....	\$4.00
Library Fee.....	\$3.00/hr
Multicultural Affairs Fee .....	\$1.50
Student Activity Fee .....	\$13.00
Student Event Ticket Fee.....	\$62.00
Student Records Fee.....	\$4.00
Student Union Fee.....	\$50.00
Technology Fee .....	\$9.00/hr
Undergraduate Research Fellows Fee .....	\$1.50/hr
Weight Room Fee.....	\$1.00/hr

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

## Fees

### (2009-2010 Rates)

#### 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 onetime, 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 onetime, mandatory fee charged 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.

**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
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**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](http://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](http://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](http://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 25th St.  
Kearney, NE 68849-2350

Contact the office via e-mail at [finaid1@unk.edu](mailto: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 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

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- 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 not 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 meant. Students also will 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 aid programs. 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.
  - John withdraws on 9/24/2008.
  - 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 fellowships 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

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of the scholarship will receive a full tuition waiver for up to fifteen credit hours per semester. The scholarship is renewable for eight semesters and two summers. The application is available from the Office of Multicultural Affairs or the Office of Admissions.

**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/](http://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.

# Student Life and Activities

## ACADEMIC SUPPORT SYSTEMS

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/](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.

## TUTORING, TRANSITION, AND STUDY SKILLS

Memorial Student Affairs Building Room 163 (308) 865-8214  
<http://www.unk.edu/lso/>

- *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.

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### 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/lso/>.

## 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.

## STUDENT LIFE

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 in 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. Meal 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/studentlife>

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/](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

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- 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
- Nebraskats
- University Vocal Collegium
- Women's Chorus

**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 Honorary
- 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 Honorary
- Kappa Kappa Psi - Marching Band Fraternity
- Kappa Mu Epsilon - Math Honorary
- Kappa Pi - UNK Art Society
- Lambda Pi Eta - Communication Honorary
- Mortar Board - Senior Honor Society
- National Residence Hall Honorary
- Omicron Delta Epsilon - Economics Honorary
- Order of Omega - Greek Honorary
- Phi Alpha - Social Work Honorary
- Phi Alpha Theta - History Honorary
- Phi Beta Delta - International Scholar Honor Society
- Phi Beta Lambda - Business Honorary
- Phi Eta Sigma - National Freshman Honor Society
- Phi Kappa Phi - Honor Society
- Pi Kappa Delta - Debate Honorary
- Psi Chi - Psychology Honorary
- Rho Alpha Sigma - Resident Advisor Honorary
- Rho Lambda - Sorority Leaders
- Sigma Tau Delta - English Honor Society
- SPURS - Sophomore Honorary
- 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 Liasons

**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](http://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, enforcing 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.

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](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

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### 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.

**Personal 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.**



# Academic Information

## 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.

## DEGREES

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.
4. 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

- 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.

**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

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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 WebEASI 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.

# ACADEMIC REGULATIONS

## Registration

## REGISTRATION BY WEBEAS

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 mid-point 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 mid-point 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.

## 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 mid-point 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 mid-point 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

## Academic Information

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may be initiated when a student's continued presence on the campus would constitute the potential for danger to self or others, or disruption of University community interests including teaching, administration or other University recognized activities.

## Refunds

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

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

Withdrawal Date	Tuition Refund
First week .....	100%
Second week .....	75%
Third week .....	50%
Fourth week .....	25%
After fourth week .....	NO REFUND

*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 mid-point 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 mid-point 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

##### OR 5 days per week for 5 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

##### OR 5 days per week for 3 weeks

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

### 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.*

8 Week Classes	5-6 Week Classes	3-4 Week Classes
Before 5th day - 100%	Before 4th day - 100%	Before 3rd day - 100%
Before 8th day - 50%	Before 6th day - 50%	Before 4th day - 50%
Before 11th day - 25%	Before 8th day - 25%	Before 5th day - 25%
11th day to midpoint - 0%	8th day to midpoint - 0%	5th day to midpoint - 0%

*\*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) 865-8527.*

## 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 classes 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:

A+ = 4.00 points	C = 2.00 points
A = 4.00 points	C- = 1.67 points
A- = 3.67 points	D+ = 1.33 points
B+ = 3.33 points	D = 1.00 point
B = 3.00 points	D- = 0.67 point
B- = 2.67 points	F = 0.00 points
C+ = 2.33 points	

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.

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. 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.

Credit earned by examination is applicable toward degree requirements and is awarded after successfully completing 30 semester hours in residence. Petition to take such examinations should be submitted to the appropriate department chair.

## 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>.

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

CLEP Exam	Course Equivalent	Credits
American Government	PSCI 110GS	3
Biology	BIOL 103GS	4
Calculus	MATH 115	5
College Algebra	MATH 102	3
Chemistry	CHEM 160GS, CHEM 160LGS, CHEM 161GS, CHEM 161LGS	8
Financial Accounting	BACC 250	3

History of the U.S.	HIST 250GS	3
History of the U.S.	HIST 251GS	3
Information Systems & Computer Applications	BMIS 182	3
Introductory Business Law	BACC 311	3
Introductory Psychology	PSY 203GS	3
Precalculus	MATH 102	3
Principles of Economics	ECON 271GS	3
Principles of Macroeconomics	ECON 270GS	3
Principles of Management	BMGT 301	3
Principles of Marketing	BMKT 300	3
Introductory Sociology	SOC 100GS	3
Western Civilization I	HIST 210GS	3
Western Civilization II	HIST 211GS	3

### 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:

Credits Attempted:	Minimum Cumulative GPA
0-16:	1.0
17-32:	1.50
33-48:	1.65
49-64:	1.80
65-80:	1.90
81 & Above:	2.00

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

*\*\* Some colleges require that grade appeals be made to their Educational Policy Committee.*

*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

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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:

### Scholastic Averages

3.90-4.00  
3.80-3.89  
3.70-3.79  
3.50-3.69

### Honors

Summa Cum Laude  
Magna Cum Laude  
Cum Laude  
Honorable Mention

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 counterfeiting 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 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.

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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.

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.

## 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.

## 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, laryngectomy, 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	Association of American Medical Colleges (MCAT)
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](http://www.prometric.com).

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

ACT	Residual American Testing Program (Valid for admission to UNK ONLY)
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



## Walker Art Gallery

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 consulting, interactive workshops, and helpful resources, such as handbooks, handouts, and internet links.

Most one-on-one consulting takes 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 boasted over 1,000 consultations every semester since 2002, appointments are strongly encouraged and can only be made online. Visit [www.unk.edu/acad/writing\\_center](http://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 from making appointments 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.

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## 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 content 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](mailto: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 Science Programs
Pre-Chiropractic, Pre-Osteopathy, Pre-Podiatry.....	Health Science Programs
Pre-Dental .....	Health Science Programs
Pre-Dental Hygiene.....	Health Science Programs
Pre-Engineering .....	Physics
Pre-Food Science .....	Chemistry
Pre-Health Information Management .....	Health Science Programs
Pre-Law .....	Political Science
Pre-Medical .....	Health Science Programs
Pre-Meteorology .....	Physics
Pre-Mortuary Science .....	Health Science Programs
Pre-Music Therapy.....	Music & Performing Arts
Pre-Nuclear Medicine Technology .....	Health Science Programs
Pre-Nursing .....	UNMC College of Nursing
Pre-Occupational Therapy .....	Health Science Programs
Pre-Optometry .....	Health Science Programs
Pre-Pharmacy .....	Health Science Programs
Pre-Physical Therapy.....	Health Science Programs
Pre-Physician Assistant .....	Health Science Programs
Pre-Radiologic Technology .....	Health Science 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.

## 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](mailto: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://aaunk.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](mailto:gradstudies@unk.edu)  
[www.unk.edu/acad/gradstudies](http://www.unk.edu/acad/gradstudies)

\*30 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

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

## Scholarships

- 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.

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- 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.
- 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

## The Honors Program

### Minimum Honors Hours for Completion of Program .....24

*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

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)*

BIOL 280HGS, Special Topics .....	3 hours
CHEM 160HGS/CHEM 160LGS General Chemistry .....	4 hours
CHEM 161HGS/CHEM 161LGS, General Chemistry .....	4 hours
PHYS 131HGS, Newton's Universe .....	4 hours
PHYS 132HGS, Einstein's Universe .....	4 hours
PHYS 201HGS, Earth Science .....	4 hours

Take 0-15 hours from the following **Social and Behavioral Sciences General Studies**:

*(Coursework must be from three separate perspectives)*

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

ECON 270HGS, Principles of Economics, Macroeconomics .....	3 hours
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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.*



# General Studies Information

## 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.

Take both of the following:

- ENG 101GS, Expository Writing I .....3 hours  
(Prereq: ENG 100A or English ACT score of 15 or above)  
SPCH 100GS, Fundamentals of Speech Communication.....3 hours

Take **ONE** of the following options\*:

Take 1 course:

- ENG 102GS, Expository Writing II .....3 hours  
(Prereq: ENG 101GS or English ACT score of 30 or above)

**OR** take 1 course:

200 level General Studies foreign language course

*\*The substitution of the ENG 102 requirement is only available for students who received a grade of B or better in English 101. Native speakers of the foreign language who qualify for this option must be assessed by the Modern Languages department for placement into an appropriate course prior to enrollment.*

## 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 ENG 101 may substitute a 200 level General Studies foreign language course for the ENG 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

### Philosophic Perspectives

(0 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,
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 .....	3 hours
(with CHEM 160LGS General Chemistry Lab - 1 hour)....	4 hours
CHEM 161GS, General Chemistry .....	3 hours
(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

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PHYS 209GS, Meteorology .....	3 hours
PHYS 210GS, Astronomy.....	3 hours
PHYS 275GS, General Physics (lab course).....	5 hours
PHYS 276GS, 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.



# Departments and Programs

College of Business and Technology

## 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.

Offered by Department of Accounting/Finance  
 Business Administration Major

## Business Administration Comprehensive Option Accounting Emphasis

*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

BFIN 308, 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 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. 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

BACC 391, Accounting Information Systems .....	3 hours
BACC 451, Tax Accounting.....	3 hours
BACC 470, Auditing.....	3 hours

Take 3 courses from:

BACC 312, Commercial Law .....	3 hours
BACC 452, Advanced Tax Accounting.....	3 hours
BACC 453, Advanced Accounting I .....	3 hours
BACC 465, Governmental/Non-Profit Accounting .....	3 hours
BACC 471, Advanced Auditing .....	3 hours

Offered by Department of Accounting/Finance  
Business Administration Major

### Business Administration Comprehensive Option Finance Emphasis

*Bachelor of Science* *BT BS 1203 EP 3002*  
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 .....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:

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
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 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
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#### 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
BFIN 422, Financial Institutions .....	3 hours
BFIN 476, Short-Term Financial Management .....	3 hours
BFIN 480, Investments .....	3 hours
BFIN 482, Case Studies in Financial Management .....	3 hours

Take 1 course from:

BACC 350, Intermediate Accounting I .....	3 hours
BACC 352, Cost Accounting.....	3 hours
BACC 451, Tax Accounting.....	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
(Prereq: BACC 350)	
BACC 352, Cost Accounting.....	3 hours
BACC 451, Tax Accounting.....	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

##### 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
MATH 102*, College Algebra .....	3 hours
*Students with sufficient preparation may enter the mathematics program at a higher level.	

Take 2 courses from:

BACC 352, Cost Accounting.....	3 hours
(Prereq: BACC 251, BMGT 233)	
BACC 391, Accounting Information Systems .....	3 hours
BACC 451, Tax Accounting.....	3 hours
BACC 452, Advanced Tax Accounting.....	3 hours
(Prereq: BACC 451)	
BACC 453, Advanced Accounting I .....	3 hours
BACC 465, Governmental/Non-Profit Accounting .....	3 hours
BACC 470, Auditing .....	3 hours
BACC 471, Advanced Auditing .....	3 hours
(Prereq: BACC 470)	

Offered by Department of Accounting/Finance

### Finance Minor

MN 1131

#### 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
BFIN 308, Principles of Finance .....	3 hours
BFIN 408, Corporate Finance.....	3 hours
ECON 271GS, Principles of Economics, Microeconomics ..	3 hours
MATH 102*, College Algebra .....	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, McKirahan

*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.

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## Art and Art History

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Offered by Department of Art and Art History  
Art Major

### Studio Art Option

*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 335A, 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

Offered by Department of Art and Art History  
Art Major

## Art History Option

Bachelor of Arts

FAH BA 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..... 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 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, Late Modern: Art Since the '50s.....	3 hours
ART 425, Critical Perspectives.....	3 hours
ART 440, Special Problems in Art History.....	3 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 Emphases

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 .....0

### Major Option .....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, 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

#### 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 II.....	3 hours
ART 214, Painting I.....	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

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ART 330B, Ceramics III.....	3 hours
ART 330C, Ceramics IV.....	3 hours
ART 335A, Printmaking II.....	3 hours
ART 335B, Printmaking III.....	3 hours
ART 335C, Printmaking IV.....	3 hours
ART 344A, Glass II.....	3 hours
ART 344B, Glass III.....	3 hours
ART 344C, Glass IV.....	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
ART 352B, Drawing IV.....	3 hours
ART 352C, Drawing V.....	3 hours
ART 403, Individual Problems in Art.....	1-9 hours
ART 414A, Advanced Painting V.....	3 hours
ART 414B, Advanced Painting VI.....	3 hours
ART 414C, Advanced Painting VII.....	3 hours
ART 430A, Ceramics V.....	3 hours
ART 430B, Ceramics VI.....	3 hours
ART 430C, Ceramics VII.....	3 hours
ART 435A, Printmaking V.....	3 hours
ART 435B, Printmaking VI.....	3 hours
ART 435C, Printmaking VII.....	3 hours
ART 444A, Glass V.....	3 hours
ART 444B, Glass VI.....	3 hours
ART 444C, Glass VII.....	3 hours
ART 446A, Sculpture V.....	3 hours
ART 446B, Sculpture VI.....	3 hours
ART 446C, Sculpture VII.....	3 hours
ART 450, Special Topics.....	1-9 hours
ART 452A, Drawing VI.....	3 hours
ART 452B, Drawing VII.....	3 hours
ART 452C, Drawing VIII.....	3 hours

Offered by Department of Art and Art History  
Art Major

### Visual Communication and Design Comprehensive Option

Bachelor of Fine Arts

FAH BFA 3111

<b>Minimum General Studies .....</b>	<b>45</b>
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
<b>BFA Fine Arts Related requirement .....</b>	<b>0</b>
<b>Major Option .....</b>	<b>87</b>
<b>Minimum total hours required coursework.....</b>	<b>132</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BFA</b>	

**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:

ART 102, Drawing I.....	3 hours
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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, 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 Practicum .....	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 235, 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

## Art and Art History

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Offered by Department of Art and Art History

### Art Minor

MN 1020

#### 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.*

#### A. 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 I.....	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
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(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

Offered by Department of Art and Art History

### Art History Minor

MN 1021

*Students majoring in Art must have approval of the Art Department Chairman to minor in Art History.*

#### 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

Offered by Department of Art and Art History

## Visual Communication and Design Minor

MN 1091

**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 Modern: 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)	

Offered by Department of Art and Art History

## Art Minor-Elementary Education

MN 1039

**Minimum hours required for minor.....24**

*This minor is for those students desiring an introductory study of and experience with art fundamentals, two- and three-dimensional studio processes, tools and techniques and methodology of teaching at the elementary and secondary level. This course of study does not fulfill certification requirements for K-12 art teaching.*

**A. Art Minor-Elementary Education Requirements (18 hours required)**

Take all of the following:

ART 100GS, Art Structure.....	3 hours
ART 102, Drawing I.....	3 hours
ART 118, Color and Design .....	3 hours
ART 360, Elementary Art Methods .....	3 hours

Take 1 course from:

ART 230, Ceramics I.....	3 hours
ART 246, Sculpture I.....	3 hours

Take any 3 hour Art History offering

**B. Art Minor-Elementary Education Electives (6 hours required)**

Take 3 hours from the following Two-Dimensional courses:

ART 202, Drawing II.....	3 hours
ART 214, Painting I.....	3 hours
ART 216, Water Based Media .....	3 hours
ART 235, Printmaking I.....	3 hours

Take 3 hours from the following Three-Dimensional courses:

ART 230, Ceramics I.....	3 hours
ART 244, Glass I.....	3 hours
ART 246, Sculpture I.....	3 hours

College of Natural and Social Sciences

Department of  
Biology**John Hertner, Chair**

*Professors:* Hertner, Hoback, Rothenberger, Spessard-Schueth, Springer, Steele, Twigg

*Associate Professors:* Albrecht, K. Carlson, Ericson, Farnsworth-Hoback, Shaffer

*Assistant Professors:* Geluso, Hill, Mowry, Murphy, Schoenebeck, Simon

*Senior Lecturer:* Simonson

*Lecturers:* D. Carlson, Jacques

*Courtesy Faculty:* Keith Koupal

**Department Objectives:**

- To prepare teachers in subject matter and in methods for the teaching of biology and related subjects;
- To help meet the requirements of the general education program;
- To furnish adequate background in the biological sciences for pre-professional students and for others who require training in that area;
- To prepare students for graduate work and for research;
- To prepare students for careers which require general biological knowledge.

Students who plan to major in Biology should have a strong high school background in science (i.e., Biology, Chemistry, Physics and Math). Those who have had (1) 3 years of high school science including biology and chemistry and a minimum score of 20 on the ACT, or (2) who CLEP BIOL 103GS may enroll in BIOL 105GS, Biology I, or BIOL 106GS, Biology II, which are applicable to General Studies requirements. Students not having this background should take BIOL 103GS.

**A minimum overall GPA of 2.5 in all courses counting towards a Biology major option is required for graduation.**

**BIOLOGY MAJOR**

Three options are available in this major:

- Biology Option - Bachelor of Science Degree
- Biology Comprehensive Option - Bachelor of Science Degree  
General Emphasis  
Wildlife Emphasis  
Health Science Emphasis
- 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:

BIOL 105GS, Biology I.....4 hours

BIOL 106GS, Biology II.....4 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 160LGS, General Chemistry Laboratory..... 1 hour

CHEM 161GS, General Chemistry .....3 hours

CHEM 161LGS, General Chemistry Laboratory..... 1 hour

**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 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 290, 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

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

### 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. Wildlife 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 160LGS, General Chemistry Laboratory..... 1 hour

CHEM 161GS, General Chemistry .....3 hours

CHEM 161LGS, General Chemistry Laboratory..... 1 hour

**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:

BIOL 201, Fundamental Tools for Biological Studies.....	2 hours
BIOL 290, 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 Comprehensive Supporting Course Requirements**

**(8 hours required)**

Take **ONE** of the following **Statistics** courses:

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

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

#### **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:

BIOL 215GS, Human Physiology.....	4 hours
BIOL 403, Plant Physiology.....	3 hours
BIOL 465, Physiology.....	3 hours

**OR** take 2 courses:

BIOL 225, Anatomy and Physiology.....	4 hours
BIOL 226, Anatomy and Physiology.....	4 hours

Take 1 course from **Microbiology** electives:

BIOL 211GS, Human Microbiology.....	4 hours
BIOL 400, Microbiology.....	4 hours

Take 1 course from **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 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

Take 1 course of **Laboratory** electives:

BIOL 401, Principles of Immunology.....	4 hours
BIOL 403, Plant Physiology.....	3 hours

BIOL 404, Developmental Biology.....	3 hours
BIOL 416, Plant Diversity and Evolution.....	4 hours
BIOL 433, Invertebrate Zoology.....	3 hours
BIOL 440, Infectious Diseases.....	4 hours
BIOL 452, Techniques in Molecular Biology.....	3 hours
BIOL 465, Physiology.....	3 hours

Take **ONE** of the following options:

Take 2 courses:

CHEM 301, Analytical Chemistry.....	3 hours
CHEM 301L, Analytical Chemistry Laboratory.....	1 hour

**OR** take 2 courses:

CHEM 351, Biochemistry.....	3 hours
CHEM 351L, Biochemistry Laboratory.....	1 hour

#### **2. Wildlife Emphasis (34 hours required)**

EP 3031

Take all of the following:

BIOL 330, Wildlife Conservation.....	3 hours
BIOL 405, Range and Wildlife Management.....	3 hours
BIOL 418, Plant Taxonomy.....	3 hours
BIOL 462, Animal Behavior.....	3 hours

Take 2 courses from **Biology of Higher Vertebrates**:

BIOL 435, Herpetology.....	3 hours
BIOL 473, Ornithology.....	3 hours
BIOL 474, Mammalogy.....	3 hours

Take 1 course from **Plant Science**:

BIOL 403, Plant Physiology.....	3 hours
BIOL 406, Plant Ecology.....	3 hours
BIOL 416, Plant Diversity and Evolution.....	4 hours

Take the following additional **supporting courses**:

Take 1 course from:

MATH 115, Calculus I with Analytic Geometry.....	5 hours
MATH 123, Applied Calculus I.....	3 hours

Take 1 course from:

BIOL 301, Introduction to Soils.....	4 hours
PHYS 205GS, General Physics.....	5 hours
PHYS 206GS, General Physics.....	5 hours

(Prereq: PHYS 205GS or permission)

*Either of the above courses may count toward General Studies hours, reducing the hours required for the emphasis. Work closely with advisor.*

Take a minimum of 3 hours of **Computer Science** from:

CSIS 1001-CSIS 100G, Computing Environments.....	1 hour
CSIS 130GS, Introduction to Computer Science.....	4 hours

Take 1 course of **Policy Administration & Law**:

BIOL 311, Bioethics.....	3 hours
ECON 385, Environmental Economics.....	3 hours

(Prereq: ECON 100GS or ECON 270GS or ECON 271GS)

#### **3. Health Sciences Emphasis (28 hours required)**

EP 3032

Take ONE from the following **Physiology** options:

Take 1 course:

BIOL 215GS, Human Physiology.....	4 hours
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**OR** take 2 courses:

BIOL 225, Anatomy and Physiology.....	4 hours
BIOL 226, Anatomy and Physiology.....	4 hours

Take 1 course from **Microbiology**:

BIOL 211GS, Human Microbiology.....	4 hours
BIOL 400, Microbiology.....	4 hours

Take 9 hours from **Biology** electives:

BIOL 311, Bioethics.....	3 hours
BIOL 325, Medical Terminology.....	1 hour
BIOL 401, Principles of Immunology.....	4 hours
BIOL 404, Developmental Biology.....	3 hours
BIOL 440, Infectious Diseases.....	4 hours
BIOL 450, Molecular Biology I.....	3 hours
BIOL 452, Techniques in Molecular Biology.....	3 hours
BIOL 461, Human Genetics.....	3 hours

BIOL 465, Physiology .....	3 hours
BIOL 468, Parasitology .....	3 hours
Take the following additional <b>supporting courses</b> :	
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
<b>AND</b> CHEM 352L, Biochemistry II .....	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

Offered by Department of Biology  
Biology Major

### Biology 7-12 Teaching Subject Endorsement Option

Bachelor of Science in Education

NSS BSE 5105

**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:*

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... 6 including:*

**See advisor for math placement.**

MATH 102\*, College Algebra.....3 hours

MATH 103\*, Plane Trigonometry.....3 hours

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

*Natural Sciences minimum..... 12 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 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..... 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.....45**

**Second Subject Endorsement, normally.....30**

55

Biology

09-10

*Should required hours of the second endorsement also meet other  
requirements, the total required hours may be reduced.*

**Minimum total hours required coursework.....156**

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

**Minimum total hours required for BSE**

**in Biology 7-12 Teaching Subject Endorsement .....156**

*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 201, Fundamental Tools for Biological Studies.....2 hours

BIOL 290, 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

BIOL 471, Methods in Secondary Science Teaching.....3 hours

#### B. Biology Subject Endorsement Electives (6 hours required)

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

Take 3 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.....4 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

#### C. Biology Option Supporting Course Requirements (9 hours required)

Take **ONE** of the following **Chemistry** 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

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)

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

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)



## 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:

BIOL 105GS, Biology I.....	4 hours
BIOL 106GS, Biology II.....	4 hours
BIOL 201, Fundamental Tools for Biological Studies.....	2 hours
BIOL 309, Cellular Biology.....	4 hours
BIOL 360, Genetics with laboratory.....	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
CHEM 161GS, General Chemistry.....	3 hours
CHEM 161LGS, 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
ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
PHYS 205GS, General Physics.....	5 hours
(Prereq: MATH 103 or permission of instructor)	
PHYS 206GS, General Physics.....	5 hours
SPCH 100GS, Fundamentals of Speech Communication.....	3 hours
Social Science/Humanities Electives.....	9 hours
Other electives.....	2 hours

Take 1 course from:

BIOL 211GS, Human Microbiology.....	4 hours
BIOL 400, Microbiology.....	4 hours

Take **ONE** of the following options:

Take 1 course:

BIOL 215GS, Human Physiology.....	4 hours
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**OR** take 2 courses:

BIOL 225, Anatomy and Physiology.....	4 hours
BIOL 226, Anatomy and Physiology.....	4 hours

**Recommended:**

BIOL 462, Animal Behavior.....	3 hours
(Prereq: BIOL 105GS, BIOL 201, BIOL 307 OR permission of instructor)	

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.*

**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:

- Professional Chemist's Comprehensive Option - Bachelor of Science Degree
- Chemistry Option - Bachelor of Arts Degree
- Chemistry Comprehensive Option - Bachelor of Science Degree  
Biochemistry Emphasis  
Business/Sales Emphasis
- 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.

Professional Chemist's  
Comprehensive Option

*Bachelor of Science*

*NSS BS 5204*

**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 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:

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

**Major Option .....62****Minimum total hours required coursework.....120**

**Unrestricted electives in 125 hour program .....5**

**Minimum total hours required for BS**

**in Professional Chemist's Major .....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
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#### 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
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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	

### 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 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 480, Physical Chemistry ..... 3 hours |

CHEM 480L, Physical 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

### 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

## Chemistry Comprehensive Option Biochemistry, Business/Sales Emphases

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

**Major Option ..... 58-62**

**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 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

## Chemistry

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*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 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

## 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 (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
(Prereq: MATH 260)	
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
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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 or	
Behavioral Perspective .....	3 hours

Personal Development minimum ..... 3 including:

PE 160GS, Healthful Living .....	3 hours
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### 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.....147

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

### Minimum total hours required for BSE

#### 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 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 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

**C. Chemistry Electives (0-3 hours required)**

Take 0-3 hours from:

CHEM 300-CHEM 499\*

*\*No more than 2 hours of CHEM 399, CHEM 499 can be used.*

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

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**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 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.*

**Minimum hours to complete Pre-Food Science program..... 73-75**

**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 .....	3 hours

*\*\*Only required for some UNL Food Science and Technology degree programs.*

**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 .....	5 hours
Electives (Social Sciences & Humanities) .....	12 hours

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 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

College of Fine Arts and Humanities

## Department of Communication

**Ralph Hanson, Chair**

*Professors:* Hanson, Jurma, Lomicky, Terry

*Associate Professors:* Hogg, Javidi, Lawson

*Assistant Professors:* Dimock, Marn, Nuss

*Senior Lecturer:* Diffenderfer

*Lecturers:* L. Jacobsen, Kamrath

**Department Mission Statement:**

The faculty of the Department of Communication at the University of Nebraska at Kearney will offer communication courses of the highest quality to undergraduate majors, non-majors and graduate students

through formal classroom instruction, distance education, laboratory experiences and internships.

The Communication faculty will strive to instill in students the necessity to:

- be independent thinkers who are able to develop ideas and clearly express them in oral and written forms;
- be analytical creators and critical consumers of oral and mediated messages;
- have an understanding of the history, theory and current issues in their discipline;
- have an appreciation for the diversity of people;
- demonstrate team skills important to leaders and followers; and
- possess basic technological skills.

The faculty are uniquely qualified to provide instruction in the areas of advertising, broadcasting, journalism, multimedia, organizational communication, public relations, speech communication, sports communication and speech education.

**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 majors are expected to take JMC 100GS Global Media Literacy as a General Studies course. It is recommended that students consult with a departmental advisor about this issue.

**JOURNALISM AND MASS COMMUNICATION MAJOR**

Two options are available in this major:

- Broadcasting Option - Bachelor of Arts Degree  
or Broadcasting Option - Bachelor of Science Degree
  - 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:

- Organizational Communication Comprehensive Option - Bachelor of Science Degree
- Speech Communication Option - Bachelor of Arts Degree  
or Speech Communication Option - Bachelor of Science Degree
- 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).

## Broadcasting Option

<i>Bachelor of Arts</i>	<i>FAH BA 3204</i>
<b>Minimum General Studies</b> .....	<b>45</b>
<i>English Language minimum</i> .....	9
<i>Humanities minimum</i> .....	9
<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	3
<i>Natural Sciences minimum</i> .....	7
<i>Social and Behavioral Sciences minimum</i> .....	9
<i>Personal Development minimum</i> .....	2
<b>BA Language requirement</b> .....	<b>a minimum of 6</b>
<i>For specific language requirements see Bachelor of Arts Degree requirements.</i>	
<b>Major Option</b> .....	<b>36</b>
<b>Minor or 2nd Major, minimum</b> .....	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework</b> .....	<b>111</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>14</b>
<b>Minimum total hours required for BA in Broadcasting Option</b> ....	<b>125</b>
<i>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.</i>	
<b>Students selecting a major in Broadcasting must earn a minimum 2.5 G.P.A. in the major.</b>	
<i>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.</i>	

### 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

## Broadcasting Option

<i>Bachelor of Science</i>	<i>FAH BS 3204</i>
<b>Minimum General Studies</b> .....	<b>45</b>
<i>English Language minimum</i> .....	9
<i>Humanities minimum</i> .....	9
<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	3
<i>Natural Sciences minimum</i> .....	7
<i>Social and Behavioral Sciences minimum</i> .....	9
<i>Personal Development minimum</i> .....	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

*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 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 Journalism and Mass Communication-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

## Journalism Option

Advertising, Mass Media, News Editorial, Public Relations, Sports Communication

### Bachelor of Arts *FAH BA (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

**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**

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

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

**Minimum total hours required for BA 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, in their General Studies Program as the Personal Development course.*

*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 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, News Writing .....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

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

(Prereq: JMC 130 or permission of instructor)

JMC 352, Antelope Newspaper Production -

Photo Staff .....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, News Writing .....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 330, Publication Design .....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, News Writing .....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 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, News Writing .....3 hours

JMC 220, Photojournalism .....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  
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

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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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### 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 215, News Writing .....	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

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
(Prereq: JMC 130 or permission of instructor)	
JMC 352, Antelope Newspaper Production - Photo 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 110, Topics: Photoshop .....	1 hour
JMC 215, News Writing .....	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 330, Publication Design .....	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 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
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**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, Photojournalism .....	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 &amp; 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**Multimedia**

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 &amp; 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)	

Offered by Department of Communication  
Speech Major

### 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

BS Science-related course requirements .....0

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

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SPCH 456, Rhetorical Theory .....	3 hours
SPCH 499, Communication Theory .....	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**

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 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 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
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Take any Economic Perspective GS course .....	3 hours
Take any GS course from:	
Social Perspective,	
Geographical Perspective or	
Behavioral Perspective .....	3 hours
<i>Personal Development minimum .....</i>	<i>3 including:</i>
PE 160GS, Healthful Living .....	3 hours
<b>Professional Sequence .....</b>	<b>30 including:</b>
TE 319, Management and Assessment	
in K-12/Secondary Classrooms .....	2 hours
TE 320, Field Experience in Secondary Classroom .....	2 hours
<i>Students must apply for admission to all Teacher Education programs.</i>	
<b>Endorsement .....</b>	<b>30</b>
<b>Second Subject Endorsement, normally .....</b>	<b>30</b>
<i>Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.</i>	
<b>Minimum total hours required coursework .....</b>	<b>135</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BAE in Speech</b>	
<b>Communication 7-12 Teaching Subject Endorsement .....</b>	<b>135</b>
<i>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.</i>	
<i>Students selecting a subject endorsement in Speech Communication must earn a minimum 2.5 G.P.A. in the Endorsement.</i>	

**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

**Communication**

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Offered by Department of Communication

**Broadcasting Minor**

MN 1023

**Minimum hours required for minor .....**24

**Requirements**

Take all of the following:

JMC 100GS, Global Media Literacy .....	3 hours
JMC 226, Audio Production .....	3 hours
JMC 265, Video Production .....	3 hours
JMC 310, Communications Law .....	3 hours
JMC 318, Writing for The Media .....	3 hours
JMC 336, Radio Workshop .....	2 hours
JMC 343, Television Workshop .....	2 hours
JMC 356, Broadcast Announcing .....	3 hours

Take 2 additional hours from:

JMC 336, Radio Workshop .....	2 hours
JMC 343, Television Workshop .....	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
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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

Offered by Department of Communication

**Public Relations Minor**

MN 1031

**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 330, Publication Design.....	3 hours
JMC 350, Antelope Newspaper Production - News Staff .....	2 hours
JMC 409, Public Relations Strategy .....	3 hours

Offered by Department of Communication

**Speech Communication Minor**

MN 1034

**Minimum hours required for minor.....24****Requirements**

Take any 24 hours of SPCH courses except:

SPCH 100GS, Fundamentals of Speech Communication...	3 hours
SPCH 460, Independent Study and Research .....	1-4 hours
SPCH 475, Internship .....	1-9 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

Offered by Department of Communication

**Speech/Theatre Minor-Elementary Education**

MN 1038

**Minimum hours required for minor.....24****A. Requirements (15 hours required)**

Take:

SPCH 240, Public Speaking for Professions and Business..	3 hours
THEA 235, Creative Dramatics.....	3 hours

Take 3 hours from:

SPCH 222, Oral Interpretation of Literature.....	3 hours
THEA 222, Oral Interpretation of Literature .....	3 hours
THEA 225, Acting I.....	3 hours

Take 3 hours from:

SPCH 205, Voice & Articulation .....	3 hours
CDIS 210, Survey of Communication Disorders.....	3 hours

Take 3 hours total:

Take 3 hours from:

THEA 237, Children's Theatre .....	3 hours
THEA 480, Play Direction .....	3 hours
(Prereq: THEA 120GS, THEA 135, THEA 225)	

OR take 3 hours from:

THEA 423, Advanced Theatre Practicum .....	1 hour
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**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.

College of Education

**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.

## Communication Disorders Comprehensive

Bachelor of Science in Education

ED BSE 2903

*Note: Licensure, teacher certification, and ASHA certification require a Master of Science in Education degree with a Speech-Language Pathology Major.*

**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

and the Preservice Teacher.....3 hours

TE 306, Reading and Inclusion in K-12 Classrooms .....2 hours

TE 319, Management and Assessment

in K-12/Secondary Classrooms .....2 hours

*(must be taken concurrently with CDIS 311 and CDIS 312)*

*Students must apply for admission to all Teacher Education programs.*

**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 336, 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

## Communication Disorders

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Take one of the following:

PSY 313, Physiological Psychology .....3 hours

PSY 430, Memory and Cognition .....3 hours

PSY 470, Neuropsychology .....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

Offered by Department of Communication Disorders

## 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 the 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:

- Applied Computer Science Option - Bachelor of Science Degree
- Computer Information Systems Option - Bachelor of Science Degree
- Computer Science Comprehensive Option - Bachelor of Science Degree
- 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**

**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

NSS BS 5307

<b>Minimum General Studies .....</b>	<b>45</b>
<b>+ General Studies coursework required by major .....</b>	<b>46</b>
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
<i>*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.)</i>	
Natural Sciences minimum .....	7
Social and Behavioral Sciences minimum .....	9
Personal Development minimum .....	2
<b>BS Science-related course requirements .....</b>	<b>3 including:</b>
Take 1 course from:	
MATH 115*, Calculus I with Analytic Geometry .....	5 hours
MATH 123*, Applied Calculus I.....	3 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level.</i>	
<b>Major Option .....</b>	<b>36</b>
<b>Minor or 2nd Major, minimum .....</b>	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework.....</b>	<b>109</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>16</b>
<b>Minimum total hours required for BS</b>	
<b>in Computer Information Systems .....</b>	<b>125</b>
<i>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.</i>	
<i>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.</i>	

### 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 for Computer Information Systems.....	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

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Offered by Department of Computer Science and Information Systems  
Computer Science and Information Systems Major

## Computer Science Comprehensive Option

Bachelor of Science

NSS BS 5303

<b>Minimum General Studies .....</b>	<b>45</b>
<b>+ General Studies coursework required by major .....</b>	<b>46</b>
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
<i>*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.)</i>	
Natural Sciences minimum .....	7
Social and Behavioral Sciences minimum .....	9
Personal Development minimum .....	2
<b>BS Science-related course requirements .....</b>	<b>8 including:</b>
MATH 103*, Plane Trigonometry .....	3 hours
MATH 115, Calculus I with Analytic Geometry.....	5 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level.</i>	
<b>Major Option .....</b>	<b>61</b>
<b>Minimum total hours required coursework.....</b>	<b>115</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>10</b>
<b>Minimum total hours required for BS</b>	
<b>in Computer Science Comprehensive .....</b>	<b>125</b>
<i>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.</i>	
<i>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.</i>	
<b>A. Computer Science Comprehensive Core Requirements (52 hours required)</b>	
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>B. Computer Science Electives (9 hours required)</b>	
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.	

Offered by Department of Computer Science and Information Systems  
Computer Science and Information Systems Major

### Computer Information Systems Comprehensive Option

Bachelor of Science

NSS BS 5304

#### 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 ..... 6 including:

Take 1 course from:

BMGT 233, Business Statistics .....3 hours

STAT 241, Elementary Statistics .....3 hours

STAT 345, Applied Statistics I .....3 hours

Take 1 course from:

MATH 115, Calculus I with Analytic Geometry .....5 hours

(Prereq: MATH 102, MATH 103)

MATH 123, Applied Calculus I .....3 hours

#### Major Option .....60

#### Minimum total hours required coursework .....112

#### Unrestricted electives in 125 hour program .....13

#### 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.*

#### 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

for Computer Information Systems .....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

BACC 250, Principles of Accounting I .....3 hours

BACC 251, Principles of Accounting II .....3 hours

BMGT 301, Principles of Management .....3 hours

BMIS 350 - Intermediate Business Intelligence

through Data Mining .....3 hours

Take 3 hours from:

CSIS 111GS, Applied BASIC Programming .....3 hours

CSIS 210GS, Structured Transaction Programming .....3 hours

#### 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

(Prereq: BACC 251, BMGT 233)

BACC 391, Accounting Information Systems .....3 hours

BFIN 308, Principles of Finance .....3 hours

(Prereq: BACC 251, ECON 271GS)

BMGT 314, Operations Management .....3 hours

(Prereq: BMGT 233 or equivalent)

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

(Prereq: BMKT 300)

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

for Computer Information Systems .....3 hours

CSIS 350, Information System Concepts .....3 hours

(Prereq: CSIS 130GS, ENG 102GS)

CSIS 380, System Analysis and Design .....3 hours

CSIS 425, Database Systems .....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)

**Computer Science Minor**

MN 1053

**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
CSIS 458, Computer Security.....	3 hours
(Prereq: CSIS 428 or ITEC 430)	
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)	

College of Education

**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**

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College of Natural and Social Sciences

**Department of  
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 abnormal 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.

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.

Offered by Department of Criminal Justice and Social Work  
Criminal Justice Major

### Criminal Justice Comprehensive Option

Bachelor of Science

NSS BS 5403

**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 230GS, Human Development.....3 hours

Personal Development minimum .....2

**BS Science-related course requirements .....0**

**Major Option .....54**

**Minimum total hours required coursework.....99**

**Unrestricted electives in 125 hour program .....26**

**Minimum total hours required for BS**

**in Criminal Justice 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.*

**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

permission of 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, 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 .....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 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 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 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 230GS, Human Development .....	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.

The following Minors are suggested: Spanish, Business Administration, Computer Science, Computer Information Systems, Social Work, Political Science, Psychology, Public Administration, or Sociology.

### Minimum total hours required coursework.....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,

## Criminal Justice and Social Work

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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
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permission of 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 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 .....	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

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 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

Offered by Department of Criminal Justice and Social Work  
Social Work Major**Social Work Comprehensive**

Bachelor of Science

NSS BS 6606

**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
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**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:

FSID 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

SOWK 474, Rural Social Work .....	3 hours
SOWK 475, Child Abuse and Neglect .....	3 hours
SOWK 499, Special Studies in Social Work .....	1-3 hours

#### Category B Electives:

Take a minimum of 3 hours from:

CJUS 201, The Juvenile Justice System .....	3 hours
(Prereq: CJUS 101GS)	
CJUS 310, Community Based Corrections .....	3 hours
(Prereq: CJUS 101GS)	
CJUS 315, Victimology: Victims of Crime .....	3 hours
FSID 351GS, Marriage and Family Relationships .....	3 hours
FSID 481, Cross-Cultural Family Patterns .....	3 hours
FSID 486, Families in Crisis .....	3 hours
(Prereq: FSID 351GS, junior standing)	
PSCI 252, The Courts and the Judicial Process .....	3 hours
PSY 455, Adolescent Psychology .....	3 hours
(Prereq: PSY 203GS or PSY 230GS)	
PSY 462, Adult Development and Aging .....	3 hours
(Prereq: PSY 203GS or PSY 230GS)	
SOC 369, Sociology of Gender .....	3 hours
(Prereq: SOC 100GS or SOC 250GS or permission)	
SOC 420, Race and Minority Relations .....	3 hours
(Prereq: SOC 100GS or SOC 250GS or permission)	

Offered by Department of Criminal Justice and Social Work

### Social Work Minor

MN 1094

**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
(Prereq: STAT 235)	
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

College of Business and Technology

## Department of Economics

### Bruce Elder, Interim Chair Economics and Agribusiness

*Professors:* Bridges, Jenkins, Kotcherlakota

*Associate Professors:* Eshleman, Marxsen

*Assistant Professor:* Tenkorang

*Lecturer:* Rittenhouse

#### Business Education

*Assistant Professor:* Lear

## Economics

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### 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 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.

### 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).



**CENTER FOR ECONOMIC EDUCATION****Mary Rittenhouse, Director**

The Center for Economic Education is affiliated with the University of Nebraska at Kearney Department of Economics and the National Council on Economic Education.

**Objectives:**

- To increase awareness and enhance the quality of economic education in regional elementary and secondary Nebraska schools;
- To promote economic literacy among adult populations in Nebraska;
- To carry out research focused on regional economic issues and problems;
- To provide professional services such as workshops, seminars, and other educational experiences in order to promote economic understanding and professional development of Nebraska citizens.

Offered by Department of Economics  
Economics Major

**Economics Option****Bachelor of Arts**

BT BA 1307

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.....	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.***Major Option .....24****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

Take 1 course from:

ECON 365, Quantitative Methods .....	3 hours
BMGT 233, Business Statistics .....	3 hours
(Prereq: MATH 102 (if necessary) or MATH 120 or MATH 123)	
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 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
(Prereq: BMGT 233 or equivalent)	
BMGT 425, Operations Research .....	3 hours
(Prereq: BMGT 233 or equivalent)	
GEOG 321, Economic Geography .....	3 hours
(Prereq: GEOG 104GS or GEOG 106GS)	

Offered by Department of Economics  
Economics Major

**Business Economics Comprehensive Option****Bachelor of Science**

BT BS 1309

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

Take 1 course from:

MATH 120, Finite Mathematics.....	3 hours
MATH 123, Applied Calculus I .....	3 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 .....57****Minimum total hours required coursework.....102****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.

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 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
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 321, 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 Major

## Agribusiness Comprehensive

Bachelor of Science

BT BS 1308

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

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Mathematics, Statistics & Computer Science minimum... 6 including:

MATH 102\*, College Algebra .....

\*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.....

MATH 123, Applied Calculus I .....

Natural Sciences minimum .....

Take ONE of the following options:

Take 1 course from:

BIOL 103GS, General Biology.....

BIOL 105GS, Biology I.....

BIOL 106GS, Biology II.....

CHEM 145GS, Introductory Chemistry.....

OR take 2 courses:

CHEM 160GS, General Chemistry.....

CHEM 160LGS, General Chemistry Laboratory.....

Social and Behavioral Sciences minimum .....

ECON 270GS, Principles of Economics, Macroeconomics.....

ECON 271GS, Principles of Economics, Microeconomics.....

Personal Development minimum .....

**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 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.....

BACC 251, Principles of Accounting II.....

BACC 311, Business Law .....

BFIN 308, Principles of Finance .....

BMGT 301, Principles of Management.....

BMGT 493, Social Responsibilities of Business:

    Issues and Ethics .....

BMGT 495, Administrative Strategy and Policy .....

BMIS 302, Principles of Management Information Systems.....

BMKT 300, Principles of Marketing .....

BSED 295, Business Communications.....

Take 1 course from:

BMGT 233, Business Statistics .....

STAT 241, Elementary Statistics.....

(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.....

ECON 335, Agricultural Marketing.....

ECON 350, Economics of the Agricultural Sector.....

ECON 398, Farm and Ranch Management.....

    (Prereq: ECON 271GS; BACC 250; passing score on Business

    Computer Proficiency Examination or completion of BMIS 182GS)

ECON 415, Agricultural Price Analysis .....

ECON 435, Agricultural Finance.....

ECON 485, Senior Seminar.....

**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

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.....
ECON 320, Economic Theory, Intermediate Microeconomics ..3 hours
ECON 321, Economic Theory, Intermediate Macroeconomics ..3 hours
ECON 485, Senior Seminar.....

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

Offered by Department of Economics  
Business Education Major**Basic Business 7-12 Teaching  
Subject Endorsement Option**

Bachelor of Arts in Education

BT BAE 1208

*All College of Business and Technology Graduation Requirements  
must be fulfilled.***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..... 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 .....*12 including:

ECON 270GS, Principles of Economics, Macroeconomics ..3 hours	
ECON 271GS, Principles of Economics, Microeconomics ..3 hours	
PSCI 110GS, Introduction to American Politics .....	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
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**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****Second Subject Endorsement, normally.....30***Subject Endorsements are 30 hours or more, including prerequisites and  
supporting courses. Should required hours of one endorsement meet  
requirements of the other, the total required hours may be reduced.***Minimum total hours required coursework.....139****Unrestricted electives in 125 hour program .....0****Minimum total hours required for BAE****in Basic Business Teaching Subject Endorsement.....139***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. Basic Business Ed Subject Endorsement Requirements  
(30 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
BMKT 300, Principles of Marketing .....	3 hours
FSID 160GS, Personal Money Management .....	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*

*Natural Sciences minimum.....7*

*Social and Behavioral Sciences minimum..... 9 including:*

ECON 270GS, Principles of Economics, Macroeconomics..	3 hours
PSCI 110GS, Introduction to American Politics.....	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
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### 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.....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

*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. 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

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BMIS 282, Business Intelligence Using Databases.....	3 hours
BMKT 300, Principles of Marketing.....	3 hours
JMC 300, Website Design.....	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 Coke, 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;



- To improve communication skills through practice in diverse types of expository and imaginative writing;
- To develop critical thinking through exposure to and interpretation of the various world views offered in literary works;
- To increase appreciation for literature, its backgrounds, history, and values, through analysis and discussion of literary works covering a wide range of attitudes, perspectives, and expressions;
- To prepare future teachers of Language Arts and English for elementary, middle, secondary, and college teaching.

*(Upon request, the Department provides prospective students with a more detailed list of objectives.)*

## 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

**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.....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

(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 (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 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

*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

<i>Bachelor of Arts</i>	<i>FAH BA 3309</i>
<b>Minimum General Studies</b> .....	<b>45</b>
<i>English Language minimum</i> .....	9
<i>Humanities minimum</i> .....	9
<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	3
<i>Natural Sciences minimum</i> .....	7
<i>Social and Behavioral Sciences minimum</i> .....	9
<i>Personal Development minimum</i> .....	2
<b>BA Language requirement</b> .....	<b>a minimum of 6</b>
<i>For specific language requirements see Bachelor of Arts Degree requirements.</i>	
<b>Major Option</b> .....	<b>36</b>
<b>Minor or 2nd Major, minimum</b> .....	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework</b> .....	<b>111</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>14</b>
<b>Minimum total hours required for BA in English Option - Writing Emphasis</b> .....	<b>125</b>
<i>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.</i>	

### 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

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

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	

### 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 7-12 Teaching Subject Endorsement Option

*Bachelor of Arts in Education*

*FAH BAE 3305*

<b>Minimum General Studies</b> .....	<b>45</b>
<b>including General Studies coursework required by Teacher Education</b>	
<i>English Language minimum</i> .....	9 including:
ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
SPCH 100GS, Fundamentals of Speech Communication...	3 hours
<i>Humanities minimum</i> .....	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

<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	3
<i>Natural Sciences minimum</i> .....	7
<i>Social and Behavioral Sciences minimum</i> .....	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
<i>Personal Development minimum</i> .....	3 including:
PE 160GS, Healthful Living .....	3 hours
<b>Professional Sequence</b> .....	<b>30</b>
<i>Students must apply for admission to all Teacher Education programs.</i>	
<b>Endorsement</b> .....	<b>36</b>
<b>Second Subject Endorsement, normally</b> .....	<b>30</b>
<i>Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.</i>	
<b>Minimum total hours required coursework</b> .....	<b>141</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>0</b>
<b>Minimum total hours required for BAE</b>	
<b>in English 7-12 Teaching Subject Endorsement</b> .....	<b>141</b>
<i>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.</i>	

#### A. Requirements (30 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 .....	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 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 253GS, Introduction to Literature:	
Non-Western Civilization .....	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 450, Seminar in World Literature .....	3 hours

*In all three categories, topics classes may be included by department permission.*

Take 9 hours from the following Writing/Composition courses:

Take:

ENG 234GS, Reading and Writing about Literature .....	3 hours
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Take 3-6 hours from:

ENG 214, Beginning Fiction Writing .....	3 hours
ENG 217, Beginning Poetry Writing .....	3 hours
ENG 320, Creative Play/Script Writing .....	3 hours

Take 0-3 hours from:

ENG 311, Advanced Writing I .....	3 hours
ENG 312, Writing in the Professions .....	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 6 hours from the following Language courses:

Take:

ENG 404, History of the English Language .....	3 hours
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Take 1 course from:

ENG 303, Introduction to Linguistics .....	3 hours
ENG 304, Grammar I.....	3 hours

Take 6 hours from the following Pedagogy courses:

Take all of the following:

ENG 424, Teaching Secondary School English.....	3 hours
ENG 427, Electronic Literacy.....	3 hours

#### B. Electives (6 hours required)

Take additional ENG courses to total 6 hours.

Offered by Department of English  
English Major

### Language Arts 7-12 Teaching Field Endorsement Option

Bachelor of Arts in Education

FAH BAE 3310

<b>Minimum General Studies</b> .....	<b>45</b>
<b>including General Studies coursework required by Teacher Education</b>	
<i>English Language minimum</i> .....	9 including:
ENG 101GS, Expository Writing I .....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
SPCH 100GS, Fundamentals of Speech Communication.....	3 hours
<i>Humanities minimum</i> .....	12 including:
THEA 120GS, Introduction to the Theatre .....	3 hours
Take 1 course from:	
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
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
<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	3
<i>Natural Sciences minimum</i> .....	7
<i>Social and Behavioral Sciences minimum</i> .....	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
<b>Professional Sequence .....</b>	<b>30</b>
<i>Students must apply for admission to all Teacher Education programs.</i>	
<b>Endorsement .....</b>	<b>50-51</b>
<b>Minimum total hours required coursework .....</b>	<b>125-126</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BAE</b>	
<b>in Language Arts 7-12 Teaching Field Endorsement .....</b>	<b>125-126</b>
<i>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.</i>	

#### 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 .....	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 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 253GS, Introduction to Literature:	
Non-Western Civilization .....	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 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 234GS, Reading and Writing about Literature .....	3 hours
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Take one course from:

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

#### 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
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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 480, Play Direction .....	3 hours
(Prereq: THEA 120GS, THEA 135, THEA 225)	

Offered by Department of English

#### English Minor

MN 1024

*(Only Honors General Studies courses listed are applicable to this minor.)*

**Minimum hours required for minor .....**24

#### Requirements

Take one course:

ENG 234GS, Reading and Writing about Literature .....	3 hours
(Prereq: ENG 102GS)	

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

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

### English 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

### Writing 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
ENG 419, Advanced Poetry Writing.....	3 hours
ENG 471, Seminar in Rhetoric .....	3 hours
ENG 480, Ft. Kearny Writers' Workshop .....	1-3 hours

May count in one of the areas above, depending on course content.  
See advisor:

ENG 499, Individual Research .....	3 hours
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Offered by Department of English

## English Minor - Popular Culture

MN 1040

**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
(may be repeated once on a different topic)	
ENG 337, Popular Literature .....	3 hours
(may be repeated once on a different topic)	
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 320, Creative Play/Script Writing .....	3 hours
ENG 415, Advanced Fiction Writing .....	3 hours
(Prereq: ENG 214; ENG 215 or ENG 217)	

### C. Music Courses (0-9 hours required)

Take 0-9 hours from the following:

MUS 101, American Musical Theatre .....	3 hours
MUS 106GS, Introduction to Jazz and Blues .....	3 hours
MUS 107GS, Introduction to Rock and Blues.....	3 hours

Offered by Department of English

## English Minor-Elementary Education

MN 1071

**Minimum hours required for minor.....24**

### Requirements

Take all of the following:

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

College of Natural and Social Sciences

## Ethnic Studies Program

### 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



Caucasian, are working in both private and public education classrooms with increasingly larger minority student populations. Employment success will be heightened through undergraduate experiences rich in knowledge and skills related to ethnic uniqueness. Future career advancement will be even more dependent upon those skills. The Ethnic Studies Program was designed to work with students to establish a course of study for the student to address these challenges.

### 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

MN 1099

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, FORL, FREN, GERM, HIST, JAPN, 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, VOED)

**Work closely with the director of the Ethnic Studies Program to design individualized course of study.**

## Department of Family Studies and Interior Design

### 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.

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.

<b>Minimum General Studies</b> .....	<b>45</b>
<b>including General Studies coursework required by major</b>	
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
<b>BS Science-related course requirements</b> .....	<b>0</b>
<b>Major Option</b> .....	<b>70</b>
<b>Minimum total hours required coursework</b> .....	<b>115</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>10</b>
<b>Minimum total hours required for BS in Family and Consumer Science Comprehensive/Interior Design Emphasis</b> .....	<b>125</b>
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.

<b>Minimum General Studies</b> .....	<b>45</b>
<b>including General Studies coursework required by major</b>	
English Language minimum.....	9
Humanities minimum.....	9
Mathematics, Statistics & Computer Science minimum.....	3
Natural Sciences minimum .....	7
Social and Behavioral Sciences minimum .....	12 including:
FSID 351GS, Marriage and Family Relationships.....	3 hours
PSY 203GS, General Psychology .....	3 hours
Personal Development minimum .....	3 including:
FSID 151GS, Human Sexual Behavior.....	3 hours
<b>BS Science-related course requirements</b> .....	<b>0</b>
<b>Major Option</b> .....	<b>36</b>
<b>Minor or 2nd Major, minimum</b> .....	<b>24</b>
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.	
<b>Minimum total hours required coursework</b> .....	<b>105</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>20</b>
<b>Minimum total hours required for BS in Family Studies</b> .....	<b>125</b>
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

## Family Studies Minor

MN 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, Infant Development .....	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

College of Natural and Social Sciences

## 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

Offered by College of Natural and Social Sciences  
Bachelor of General Studies

## Bachelor of General Studies

Bachelor of General Studies

NSS BGS 6999

*(The following are the requirements for the BGS degree program. It should not be confused with the General Studies program, which is a required component in all undergraduate degree programs.)*

**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

## Bachelor of General Studies

91

09-10

**General Studies Distribution Requirement..... 47-51****Minimum total hours required coursework..... 92-96****Unrestricted electives in 125 hour program ..... 29-33**

*As 6 hours of the Distribution requirements may overlap with the General Studies Program, the total unrestricted electives may be 35-39.*

**Minimum total hours required for BGS in General Studies.....125**

*Forty (40) of the 125 hours required for the BGS must be upper division hours, which are courses numbered 300 or above taken at a 4-year college or university.*

*(Students must have at least a 2.5 GPA required in each of the Distribution areas.*

*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.)*

**A. Program Requirements (45 hours required)**

*(Individual programs must be approved by the designated Bachelor of General Studies advisor.)*

Take **ONE** of the following two options:**General Studies Option 1**

Take at least 15 hours in THREE of the six areas listed.

**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**

Take 15 hours from: Management, Marketing, Management Information Systems, Accounting, Finance, Industrial Technology, Business Education, Family Studies and Interior Design, Teacher Education, Physical Education, Recreation, Communication Disorders, Criminal Justice, Social Work

**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**

Take 15 to 30 hours from: Management, Marketing, Management Information Systems, Accounting, Finance, Industrial Technology, Business Education, Family Studies and Interior Design, Teacher Education, Physical Education, Recreation, Communication Disorders, Criminal Justice, Social Work

**B. Capstone Requirement (2-6 hours required)**

*Individual programs must be approved by the designated Bachelor of General Studies advisor.*



## Department of Health, Physical Education, Recreation and Leisure Studies

### Nita Unruh, Chair

*Professors:* Bishop, Moorman, Ed Scantling, S. Unruh

*Associate Professors:* Bartee, Brown, Heelan, N. Unruh

*Assistant Professors:* Holt, T. Kropp, Lynott, Summar

*Senior Lecturers:* B. Amundson, Eve Scantling

*Lecturers/Instructors:* English, Adkins-Gangwish, Iten, Sheridan

*Courtesy Faculty:* Heber Crockett, M.D.; Dan Slawski, M.D.;

John Wright, M.D.

### 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
  - Recreation Management Emphasis
  - Natural Resources Park Management Emphasis
  - Travel/Tourism Emphasis

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*

<b>Minimum General Studies</b> .....	<b>45</b>
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
<b>BS Science-related course requirements</b> .....	<b>0</b>

**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.

Offered by Department of Health, P.E., Recreation & Leisure Studies  
 Physical Education Major

### Physical Education K-6 Teaching Subject Endorsement Option

*Bachelor of Arts in Education* *ED BAE 2505*

**Minimum General Studies** .....**45**  
**including General Studies coursework required by Teacher Education**

<i>English Language minimum</i> .....	<i>9 including:</i>
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 .....	3 hours

*Personal Development minimum* ..... **3 including:**

PE 160GS, Healthful Living .....	3 hours
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**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 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 471, Field Experience in Health & Physical Education ..	2 hours (Coreq: TE 319)

Offered by Department of Health, P.E., Recreation & Leisure Studies  
Physical Education Major

### 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
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Take any Economic Perspective GS course .....3 hours

Take any GS course from:

Social Perspective, Geographical Perspective or Behavioral Perspective .....	3 hours
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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
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PE 260GS, First Aid, Responding to Emergencies.....	2 hours
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#### Professional Sequence..... 28 including:

TE 319, Management and Assessment in K-12/Secondary Classrooms .....	2 hours
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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 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 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 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 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:

GEOG 103GS, The Dynamic Planet: Hazards in the Environment .....	3 hours
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Social and Behavioral Sciences minimum ..... 9 including:

PSCI 110GS, Introduction to American Politics .....	3 hours
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Take any Economic Perspective GS course .....3 hours

Take any GS course from:

Social Perspective, Geographical Perspective or Behavioral Perspective .....	3 hours
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Personal Development minimum ..... 3 including:

PE 160GS, Healthful Living .....	3 hours
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#### Professional Sequence..... 28 including:

TE 319, Management and Assessment in K-12/Secondary Classrooms .....	2 hours
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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  
Physical Education Major

## Health and Physical 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
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
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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

95

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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 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 Helping 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)	

Take all of the following:

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 369, Remedial and Adaptive Physical Education .....	3 hours
PE 380, Diagnostic-Prescriptive Techniques for Adapted Physical Education .....	3 hours
PE 426, Instructional Strategies in Adapted Physical Education .....	3 hours
PE 476, Seminar and Practicum in Adapted Physical Education .....	3 hours
TE 323, Partnerships with Families .....	1 hour (Prereq: TE 100)
TESE 430, Collaboration, Consultation, and Teamwork .....	2 hours
TESE 437, Medical Aspects of Individuals with Disabilities ..	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.....21**

#### A. Requirements (16 hours required)

Take all of the following:

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 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
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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 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 Major

### Exercise Science Option

Bachelor of Science

ED BS 2611

**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.)

PE 160GS, Healthful Living .....3 hours

FSID 110GS, Introduction to Nutrition .....3 hours

**BS Science-related course requirements .....0**

**Major Option .....35**

**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.....107**

**Unrestricted electives in 125 hour program .....18**

**Minimum total hours required for BS in Exercise 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.*

#### 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 Comprehensive Option

Bachelor of Science

ED BS 2613

<b>Minimum General Studies</b> .....	<b>45</b>
<b>+ General Studies coursework required by major</b> .....	<b>48</b>
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 <b>ONE</b> of the following options:	
Take 1 course:	
CHEM 145GS, Introductory Chemistry .....	4 hours
<b>OR</b> 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
<b>BS Science-related course requirements</b> .....	<b>0</b>
<b>Major Option</b> .....	<b>61-62</b>
This minimum range depends on the selection of GS courses in the areas of specializations.	
<b>Minimum total hours required coursework</b> .....	<b>109-110</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>15-16</b>
<b>Minimum total hours required for BS</b> <b>in Exercise Science Fitness and Wellness Comprehensive</b> ....	<b>125</b>
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

Take 1 course from:

PE 475, Research Methods in Exercise Science .....	3 hours
REC 251, Computer Applications in Health, Physical Education, Recreation & Leisure Studies .....	3 hours

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
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## Athletic Training Comprehensive Option

Bachelor of Science

ED BS 2614

<b>Minimum General Studies</b> .....	<b>45</b>
<b>+ General Studies coursework required by major</b> .....	<b>48</b>
English Language minimum .....	9
Humanities minimum .....	9
Recommended:	
PHIL 120GS, Introduction to Ethics .....	3 hours
Mathematics, Statistics & Computer Science minimum... 3 including:	
STAT 241, Elementary Statistics .....	3 hours
Natural Sciences minimum .....	7-15 including:
Take 2 courses from:	
BIOL 101GS, X-treme Biology .....	3 hours
BIOL 103GS, General Biology .....	4 hours
CHEM 145GS, Introductory Chemistry .....	4 hours
CHEM 160GS, General Chemistry .....	3 hours
(Prereq: MATH 102 or Math ACT score of 20 or better or permission of instructor)	
PHYS 205GS, General Physics .....	5 hours
(Prereq: MATH 103 or permission of instructor)	
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.)	
PE 160GS, Healthful Living .....	3 hours
FSID 110GS, Introduction to Nutrition .....	3 hours
<b>BS Science-related course requirements</b> .....	<b>0</b>
<b>Major Option</b> .....	<b>80</b>
<b>Minimum total hours required coursework</b> .....	<b>128</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>0</b>
<b>Minimum total hours required for BS</b> <b>in Athletic Training Comprehensive</b> .....	<b>128</b>
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.	

This Athletic Training Education Program (ATEP) is accredited by CAATE (Commission on Accreditation of Athletic Training Education).

Please see the Department for Entrance Requirements. Other information available at the program's Web page.

All students pursuing Athletic Training as a degree option must contact the program coordinator to acquire a copy of the Student Academic Program Manual. The manual includes Technical Standards for admission, student health issues, and program completion requirements specific to the Athletic Training Program.

### 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
<i>(Note: Upon acceptance into the program, this course should be taken every semester for 6 semesters)</i>	
PE 250, Athletic Injury Assessment I: LE.....	3 hours
PE 251, Athletic Injury Assessment II: UE.....	3 hours
PE 264, Foundation of Athletic Training.....	4 hours
PE 264L, Foundation of Athletic Training Lab - 0 hours	
PE 265, Advanced First Aid & Critical Care.....	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	
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 in Recreation, Sport and Tourism.....	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 469, 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)	
BIOL 325, Medical Terminology.....	1 hour
CSP 417, Counseling Skills.....	3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies  
Recreation and Park Management Major

### Recreation Management Option

Bachelor of Science

ED BS 2610

### 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 .....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 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 in Recreation, Sport and Tourism.....3 hours

Offered by Department of Health, P.E., Recreation & Leisure Studies  
Recreation and Park Management Major

### Recreation, Park and Tourism Management Comprehensive Option

Recreation Management, Natural Resources Park Management, and Travel/Tourism

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

BS Science-related course requirements .....0

Major Option .....62-65

Minimum total hours required coursework.....107-110

Unrestricted electives in 125 hour program .....15-18

Minimum total hours required for BS in Recreation,

Park and Tourism Management 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. 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

REC 300, Volunteer Practicum .....	2 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 444, Issues in Recreation and Leisure.....	3 hours
REC 477, Internship .....	12 hours
PE 430, Organization and Administration in Recreation, Sport and Tourism .....	3 hours

**B. Recreation, Park and Tourism Management Comprehensive Options (30-33 hours required)**

Take the requirements for any **ONE** option:

**1. Recreation Management (30 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 352, Outdoor Adventure Education.....	3 hours
REC 453, Therapeutic Recreation for Special Populations .....	3 hours
REC 485, Research in Tourism, Recreation and Sport.....	3 hours
BMGT 355, Organizational Behavior.....	3 hours
PE 121, Sports Skills for Physical Education .....	2 hours
PE 211, Advanced Sports.....	1 hour (Life Guarding)
PE 328, Water Safety Instructor .....	3 hours
PE 425, Legal Aspects of Sport and Recreation .....	3 hours
PE 429, Marketing in Sport, Recreation and Tourism .....	3 hours

**2. Natural Resources Park Management (30 hours required)**

Take the following as part of General Studies requirements:

BIOL 105GS, Biology I .....	4 hours
BIOL 106GS, Biology II .....	4 hours

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 352, Outdoor Adventure Education.....	3 hours
REC 453, Therapeutic Recreation for Special Populations .....	3 hours
BIOL 307, Ecology.....	3 hours
BIOL 330, Wildlife Conservation.....	3 hours
BIOL 405, Range and Wildlife Management .....	3 hours
GEOG 300, Map Investigation .....	3 hours
GEOG 316, GIS - Working with GIS and Spatial Analysis .....	3 hours

Take 1 course from:

GEOG 301, Geography of Soils .....	3 hours
(Prereq: GEOG 102GS or GEOG 207GS)	
GEOG 400, Water Resources .....	3 hours

**3. Travel/Tourism (33 hours required)**

Take the following as part of General Studies requirements:

ECON 271GS, Principles of Economics, Microeconomics .....	3 hours
GEOG 104GS, World Regional Geography .....	3 hours

Take all of the following:

REC 155, Dimensions of Tourism .....	3 hours
REC 355, Travel Behavior.....	3 hours
REC 356, Selected Topics in Travel and Tourism.....	6 hours
(minimum of 2 courses)	
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 103GS, The Dynamic Planet: Hazards in the Environment.....	3 hours
GEOG 350, International Tourism .....	3 hours
PE 429, Marketing in Sport, Recreation and Tourism .....	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, Camp 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, Dimensions 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 Major

**Sports Administration Option**

Bachelor of Science

ED BS 2515

**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 .....

*\*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 .....

**BS Science-related course requirements .....****0**

**Major Option .....****35**



**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.....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

### Sports Administration Comprehensive Option

Bachelor of Science

ED BS 2514

**Minimum General Studies .....45****including General Studies coursework required by major**

English Language minimum .....

Humanities minimum .....

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

MATH 102\*, College Algebra .....

OR

MATH 115\*, Calculus I with Analytic Geometry .....

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

Natural Sciences minimum .....

Social and Behavioral Sciences minimum .....

ECON 270GS, Principles of Economics, Macroeconomics ..3 hours

ECON 271GS, Principles of Economics, Microeconomics ..3 hours

Personal Development minimum .....

PE 160GS, Healthful Living .....

**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

REC 375, Leadership in Recreation, Sport and Tourism .....3 hours

REC 422, Facilities in Recreation, Tourism and Sport .....

REC 477, Internship .....

PE 429, Marketing in Sport, Recreation and Tourism .....

PE 430, Organization and Administration

in Recreation, Sport and Tourism .....

**B. Sports Administration Comprehensive Requirements****(33 hours required)**

Take all of the following:

PE 401, Psychology of Sport .....

PE 402, Sociology of Sport .....

PE 403, Sport Economics .....

PE 425, Legal Aspects of Sport and Recreation .....

BACC 250, Principles of Accounting I .....

(Prereq: MATH 102 or equivalent; sophomore standing)

BACC 251, Principles of Accounting II .....

BACC 311, Business Law .....

BFIN 308, Principles of Finance .....

BMKT 300, Principles of Marketing .....

JMC 309, Public Relations .....

Take 1 course from:

BMKT 440, Advertising Management .....

JMC 307, Advertising Copywriting .....

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 .....

PE 401, Psychology of Sport .....

PE 402, Sociology of Sport .....

PE 403, Sport Economics .....

PE 425, Legal Aspects of Sport and Recreation .....

PE 429, Marketing in Sport, Recreation and Tourism .....

PE 430, Organization and Administration

in Recreation, Sport and Tourism .....

Take 1 course from:

SPCH 240, Public Speaking for Professions and Business ..3 hours

(Prereq: SPCH 100GS)

SPCH 299, Organizational Communication .....

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 .....

JMC 110, Topics .....

JMC 129, Integrated Marketing Communications .....

JMC 215, News writing .....

JMC 309, Public Relations .....

JMC 310, Communications Law .....

JMC 350, Antelope Newspaper Production- News Staff .....

PE 230, Sports Officiating .....

PE 429, Marketing in Sport, Recreation and Tourism .....

Take 2 hours from:

JMC 336, Radio Workshop .....

JMC 343, Television Workshop .....



## 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.

## Health Science Programs

101

09-10

### HEALTH SCIENCE COMPREHENSIVE MAJOR

Three options are available in this major:

- Medical Technology Comprehensive Option - Bachelor of Science Degree
- Radiography Comprehensive Option - Bachelor of Science Degree
- 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

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.

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; BIOL 309; CHEM 161GS; organic chemistry OR permission of instructor)	
BIOL 468, Parasitology .....	3 hours
(Prereq: BIOL 105GS, BIOL 106GS)	
CHEM 301, Analytical Chemistry .....	3 hours
<b>AND</b> CHEM 301L, Analytical Chemistry Laboratory .....	1 hour
CHEM 351, Biochemistry .....	3 hours
<b>AND</b> CHEM 351L, Biochemistry Laboratory .....	1 hour
CHEM 469, Senior Seminar in Chemistry .....	1 hour
(Prereq: CHEM 480, CHEM 480L, CHEM 369)	
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 .....**56English Language minimum .....
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
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*\*\*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
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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****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
BSED 295, Business Communications .....	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**

**in Respiratory Therapy 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. 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.

## Health Science Programs

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**A minimum of 6 hours must be upper division (300-400 level).**

BIOL 110, Introduction to Epidemiology .....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

BSED 295, Business Communications .....3 hours

ECON 410, Health Care Economics .....3 hours

FSID 110GS, Introduction to Nutrition .....3 hours

HSCI 140, Introduction to Public Health .....3 hours

PE 229, Wellness Interventions .....3 hours

PE 461, Physiology of Exercise .....4 hours

PHIL 120GS, Introduction to Ethics .....3 hours

PSY 231, Abnormal Behavior and Society .....3 hours

PSY 313, Physiological Psychology .....3 hours

PSY 462, Adult Development and Aging .....3 hours

PSY 465, Psychopharmacology .....3 hours

SPCH 300, Interpersonal and Relational Communication .....3 hours

SPCH 332\*\*, Logic Argumentation and Reasoning .....3 hours

STAT 241, Elementary Statistics .....3 hours

May take one of the following options\*\*:

SOC 225, Global Cultures and Diversity .....3 hours

SOC 420, Race and Minority Relations .....3 hours

(Prereq: SOC 100GS or SOC 250GS or permission)

\*\*Courses recommended by Nebraska Methodist College.

### 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 minimum of 90 semester hours completed toward one of the pre-professional health programs presently listed in the catalog.
- completion of all general studies, writing intensive, and cultural diversity requirements prescribed by UNK.
- 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.
- not less than 32 semester hours shall be UNK credits.

For further information on this degree option contact the office of Health Science Programs.



Offered by Health Science Programs

## Health Science Minor

MN 1098

**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
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**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

**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.**

Offered by Health Science Programs

## Public Health Minor

MN 1135

*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****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 160LGS 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
<b>AND</b> CHEM 301L, Analytical Chemistry Laboratory .....	1 hour
(Prereq: CHEM 161GS, CHEM 161LGS OR CHEM 180, CHEM 180L OR equivalent)	
CHEM 351, Biochemistry .....	3 hours
<b>AND</b> CHEM 351L, Biochemistry Laboratory .....	1 hour
(Prereq: C grade in either CHEM 250, CHEM 250L OR CHEM 360, CHEM 360L)	



## Group 2: Business and Management

BMGT 301, Principles of Management .....	3 hours
BMGT 355, Organizational Behavior .....	3 hours
BMGT 380, Human Resource Management .....	3 hours
BMKT 300, Principles of Marketing .....	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 438, Consumer Behavior .....	3 hours
(Prereq: BMKT 300, junior standing OR permission of instructor)	
BMKT 450, Pharmaceutical Marketing .....	3 hours
BMIS 282, Business Intelligence Using Databases .....	3 hours
BMIS 302, Principles of Management Information Systems .....	3 hours
ECON 410, Health Care Economics .....	3 hours

## Group 3: Nutrition and Wellness

FSID 110GS, Introduction to Nutrition .....	3 hours
PE 160GS, Healthful Living .....	3 hours
PE 229, Wellness Interventions .....	3 hours
PE 468, Public Health Aspects of Physical Activity .....	3 hours
(Prereq: PE 467 or permission of the instructor)	

## Group 4: Cultural, Psychological, Social and other

BIOL 311, Bioethics .....	3 hours
BIOL 325, Medical Terminology .....	1 hour
FSID 150, Lifespan Development and the Family .....	3 hours
FSID 351GS, Marriage and Family Relationships .....	3 hours
FSID 450, The Aging Adult .....	3 hours
FSID 481, Cross-Cultural Family Patterns .....	3 hours
PSY 192, Death and Dying .....	1-3 hours
PSY 203GS, General Psychology .....	3 hours
PSY 230GS, Human Development .....	3 hours
PSY 462, Adult Development and Aging .....	3 hours
(Prereq: PSY 203GS or PSY 230GS)	
SOC 250GS, Anthropology .....	3 hours
SOC 462, Sociology of Health and Illness .....	3 hours
(Prereq: SOC 100GS or SOC 250GS or permission)	
SPAN 103, Spanish for Special Purposes .....	1-3 hours

Offered by Health Science Programs

## 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)	

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CHEM 160LGS, General Chemistry Laboratory .....	1 hour
CHEM 161GS, General Chemistry .....	3 hours
CHEM 161LGS, General Chemistry Laboratory .....	1 hour
ENG 101GS, Expository Writing I .....	3 hours
ENG 102GS, Expository Writing II .....	3 hours
PHYS 205GS, General Physics .....	5 hours
(Prereq: MATH 103 or permission of instructor)	

Take one of the following:

MATH 102, College Algebra .....	3 hours
MATH 103, Plane Trigonometry .....	3 hours
(Prereq: MATH 102)	
MATH 115, Calculus I with Analytic Geometry .....	5 hours
(Prereq: MATH 102, MATH 103)	
MATH 123, Applied Calculus I .....	3 hours
(Prereq: MATH 102)	

### B. Additional electives

A minimum of six credit hours should be chosen from the humanities and social sciences in areas such as PHIL, PSY, or SOC.

### C. Strongly Recommended

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
(Prereq: BIOL 309)	
BIOL 401, Principles of Immunology .....	4 hours
(Prereq: BIOL 211GS or BIOL 400; BIOL 309 or CHEM 351 OR permission of instructor)	
CHEM 250, Elementary Organic Chemistry .....	4 hours
CHEM 250L, Elementary Organic Chemistry Laboratory .....	1 hour
(Coreq: CHEM 250)	
PHYS 206GS, General Physics .....	5 hours

Take one of the following:

BIOL 211GS, Human Microbiology .....	4 hours
BIOL 400, Microbiology .....	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

**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 160LGS, General Chemistry Laboratory .....	1 hour
CHEM 161GS, General Chemistry .....	3 hours
CHEM 161LGS, 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.

PHYS 205GS, General Physics .....	5 hours
(Prereq: MATH 103 or permission of instructor)	
PHYS 206GS, General Physics .....	5 hours
PSY 203GS, General Psychology .....	3 hours
SOC 100GS, Introduction to Sociology .....	3 hours

**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, osteopathy 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-chiro, pre-osteo or pre-podiatry studies.

Offered by Health Science Programs

**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, 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 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.

**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
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**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 160LGS, General Chemistry Laboratory .....	1 hour
CHEM 161GS, General Chemistry .....	3 hours
CHEM 161LGS, 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.

PHYS 205GS, General Physics .....	5 hours
(Prereq: MATH 103 or permission of instructor)	

PHYS 206GS, General Physics .....	5 hours
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**B. Electives**

Elective courses should be chosen from biology, chemistry, mathematics, the social sciences, the fine arts and humanities, and business administration, business law, and economics. See your advisor for suggestions.

Students should be aware of prerequisites on all courses and plan their coursework accordingly.

**C. DAT College Admissions Test (DAT)**

The DAT is required for admission and should be taken once all required courses have been completed. See your advisor for more information.

Students who are accepted into dental 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-dent studies.

Offered by Health Science Programs

**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

(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

ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
FSID 110GS, Introduction to Nutrition .....	3 hours
PSY 203GS, General Psychology .....	3 hours
SOC 100GS, Introduction to Sociology .....	3 hours
SPCH 100GS, Fundamentals of Speech Communication....	3 hours

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.

Completion of a minor--students enrolled in the College of Dentistry at UNMC pursuing 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.

Offered by Health Science Programs

## 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:

BIOL 103GS, General Biology .....	4 hours
BIOL 225, Anatomy and Physiology .....	4 hours
BIOL 226, Anatomy and Physiology .....	4 hours
BIOL 325, Medical Terminology .....	1 hour
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
SPCH 100GS, Fundamentals of Speech Communication....	3 hours

Take **ONE** of the following options:

Take one course:

CHEM 145GS, Introductory Chemistry .....	4 hours
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**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

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.

Each school of HIM is unique in its specific requirements. The above courses will satisfy requirements for most programs. Please contact the Health Programs Office for information regarding the exact requirements at each of the three schools.

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Offered by Health Science Programs

### Pre-Medical

*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:

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
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**OR** take 2 courses:

BIOL 225, Anatomy and Physiology .....	4 hours
BIOL 226, Anatomy and Physiology .....	4 hours

Take all of the following:

BIOL 360, Genetics.....	4 hours
(Prereq: BIOL 309)	
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
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
ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
PHYS 205GS, General Physics.....	5 hours
(Prereq: MATH 103 or permission of instructor)	
PHYS 206GS, General Physics.....	5 hours

Take 1 course from:

MATH 115, Calculus I with Analytic Geometry.....	5 hours
(Prereq: MATH 102, MATH 103)	
MATH 123, Applied Calculus I .....	3 hours
(Prereq: MATH 102)	
STAT 241, Elementary Statistics.....	3 hours



**B. Electives**

Humanities and Social Sciences ..... 12-16 hours are required

*Recommended courses in the humanities and social sciences 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 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 and should be taken once all required courses have been completed. See your advisor for more information.*

Offered by Health Science Programs

**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.....	3 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).*

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
<i>*Students with sufficient preparation may enter the mathematics program at a higher level.</i>	
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
<i>(It is recommended that students taking BIOL 225 plan to also take BIOL 226 as part of their elective hours.)</i>	

**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.

Offered by Health Science Programs

**Pre-Occupational Therapy**

*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\*\*.*

**Suggested Course of Study**

*The following courses are required by the College of Saint Mary, and most will also fulfill requirements at Creighton University and other OT programs.*

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
BMS 182GS, Software Productivity Tools.....	3 hours
CHEM 145GS, Introductory Chemistry .....	4 hours



ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 hours
PHIL 120GS, Introduction to Ethics .....	3 hours
PSY 203GS, General Psychology .....	3 hours
PSY 230GS, Human Development.....	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

Take 1 course from:

ART 100GS, Art Structure.....	3 hours
ART 102, Drawing I.....	3 hours
ART 118, Color and Design .....	3 hours

Take 3 hours of HIST

#### Additional Requirements at Creighton University

Additional course requirements at Creighton may be fulfilled with a wide variety of courses. Please see advisor for more specific information.

A bachelor's degree is required for admission.

40+ hours of observation supervised by an occupational therapist.

#### Recommended Courses for Electives

FSID 110GS, Introduction to Nutrition .....	3 hours
MATH 102*, College Algebra .....	3 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level.</i>	
PE 229, Wellness Interventions .....	3 hours
PE 360, Human Anatomy and Kinesiology .....	4 hours
TESE 421, Individuals with Exceptionalities .....	3 hours

The student should check with the specific school(s) to which he/she intends to apply to ensure all requirements are fulfilled. Requirements can vary greatly between different occupational therapy schools.

*\*\*Students pursuing a program of study in pre-occupational therapy are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-occupational therapy 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 occupational 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-OT studies.)*

Offered by Health Science Programs

### 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):*

University of Houston College of Optometry, Houston, TX .....	(2)
Indiana School of Optometry, Bloomington, IN .....	(3)

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University of Missouri-St. Louis College of Optometry,  
St. Louis MO

(1)

Northeastern State University College of Optometry,  
Tahlequah, OK

(1)

Pacific University College of Optometry, Forest Grove, OR

(1)

Pennsylvania College of Optometry, Philadelphia, PA

(2)

Southern College of Optometry, Memphis, TN

(3)

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 160LGS, General Chemistry Laboratory.....	1 hour
CHEM 161GS, General Chemistry .....	3 hours
CHEM 161LGS, 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*

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, 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
SPCH 100GS, Fundamentals of Speech Communication....	3 hours
STAT 241, Elementary Statistics.....	3 hours

Take 3 hours from:

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

#### Strongly recommended:

BIOL 465, Physiology .....	3 hours
<i>(Prereq: BIOL 105GS or BIOL 106GS; BIOL 309; CHEM 161GS; organic chemistry OR permission of instructor)</i>	
FSID 110GS, Introduction to Nutrition .....	3 hours

Students should check with the specific school(s) to which they intend to apply to ensure that all requirements are fulfilled. Requirements vary among schools, especially in regard to mathematics, microbiology, and general biology. Some schools also require additional electives in the social and behavioral sciences.

*\*\*\*Students pursuing a program of study in pre-optometry are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-optometry 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 optometry 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-Pharmacy

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:

BIOL 225, Anatomy and Physiology .....	4 hours
BIOL 226, Anatomy and Physiology .....	4 hours
BIOL 309***, Cellular Biology .....	4 hours
BIOL 360, Genetics .....	4 hours
BIOL 450, Molecular Biology .....	3 hours

*\*\*\* BIOL 309 is a required prerequisite for BIOL 360 but is not a UNMC requirement.*

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 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 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)	

Take 1 course from:

PSY 250, Behavioral Statistics .....	4 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)	

Take 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
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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 baccalaureate 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-pharm 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 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)	
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 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 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 major as well as completion of the UNK General Studies requirements and other degree requirements as set forth in the college catalog.*

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## 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
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*\*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
CHEM 351L, Biochemistry Laboratory .....	1 hour
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.

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*



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 MATH 123.

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, 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, Barua, 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

<b>Minimum General Studies .....</b>	<b>45</b>
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
<b>BA Language requirement.....</b>	<b>a minimum of 6</b>
For specific language requirements see Bachelor of Arts Degree requirements.	
<b>Major Option .....</b>	<b>36</b>
<b>Minor or 2nd Major, minimum .....</b>	<b>24</b>
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.	
<b>Minimum total hours required coursework.....</b>	<b>111</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>14</b>
<b>Minimum total hours required for BA in History .....</b>	<b>125</b>
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 W**

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
<i>Course topic reduces the hours required accordingly in Advanced US History, Advanced European History OR Advanced Non-Western History.</i>	

**2. History Option-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, 1865-1990 .....	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

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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

**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

Offered by Department of History  
History-Social Science Major**History-Social Science Comprehensive Option**

Economics, Geography, Political Science, Psychology, Sociology Emphases

Bachelor of Science

NSS BS 5703

**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 hours

**BS 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 BS****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 W**

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. 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, 1750-1800 .....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. 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 .....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

### 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 .....1-9 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

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:

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

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

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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. 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

Europe.....3 hours

HIST 463, French Revolution and Napoleon.....3 hours

HIST 486, Imperial Russia.....3 hours

## History

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. History Subject Endorsement Supporting Courses (6 hours required.)

*(May count towards General Studies requirements. Work closely with advisor.)*

Take 6 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
SPCH 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:

GEOG 101GS, Physical Geography I: The Atmosphere ....	4 hours
(with lab)	
GEOG 102GS, Physical Geography II: The Lithosphere .....	4 hours
(with lab)	

*Social and Behavioral Sciences minimum ..... 12 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
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Take one from:

SOC 100GS, Introduction to Sociology .....	3 hours
SOC 250GS, Anthropology .....	3 hours

Take one course:

PSCI 110GS, Introduction to American Politics .....	3 hours
<i>Personal Development minimum ..... 3 including:</i>	
PE 160GS, Healthful Living .....	3 hours

**Professional Sequence ..... 30 including:**

TE 319, Management and Assessment

in K-12/Secondary Classrooms .....

TE 320, Field Experience in Secondary Classroom .....

*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
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 0-3 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 .....	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. 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
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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 hours 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

**Department of  
Industrial Technology****Tim Obermier, Chair***Professors:* L. Kuskie, K. Larson, Obermier, Tuttle*Associate Professor:* Toppen*Assistant Professors:* Mezmarich, 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:

- Construction Management Comprehensive Option - Bachelor of Science Degree
- Industrial Distribution Comprehensive Option - Bachelor of Science Degree
- Telecommunications Management Comprehensive Option - Bachelor of Science Degree
- 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:**

The Nebraska Safety Center was established at the University of Nebraska at Kearney by the Nebraska Legislature, in 1978, to provide "... increased training and research activity in fields of traffic safety, home safety, industrial safety, fire safety, and recreational safety . . ."

## Construction Management Comprehensive Option

Bachelor of Science BT BS 1516

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 103\*, Plane Trigonometry .....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:

Take 1 course from:

PHYS 100GS, Physical Science.....4 hours

PHYS 205GS, General Physics.....5 hours

Take 1 course from:

GEOG 103GS, The Dynamic Planet:

Hazards in the Environment .....3 hours

GEOG 207GS, Physical Geology .....3 hours

Social and Behavioral Sciences minimum ..... 9 including:

ITEC 210GS, Society and Technology .....3 hours

Personal Development minimum ..... 3 including:

(Recommended: May increase total hours needed to complete General Studies)

ITEC 211GS, Alternate Energy and Technology.....3 hours

**BS Science-related course requirements .....0**

**Major Option .....75**

**Minimum total hours required coursework.....120**

**Unrestricted electives in 125 hour program .....5**

**Minimum total hours required for BS**  
**in Construction Management 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. 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

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**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.

## Industrial Distribution Comprehensive Option

Bachelor of Science

BT BS 1510

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

STAT 241, Elementary Statistics.....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, Physical Science.....4 hours

Social and Behavioral Sciences minimum ..... 9 including:

(Recommended: May increase total hours needed to complete General Studies)

ITEC 210GS, Society and Technology .....3 hours

Personal Development minimum .....2

**BS Science-related course requirements .....0**

**Major Option .....73**

**Minimum total hours required coursework.....118**

**Unrestricted electives in 125 hour program .....7**

**Minimum total hours required for BS**  
**in Industrial Distribution 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 (13 hours required)**

Take all of the following:

ITEC 110, Introduction to Technology ..... 1 hour

ITEC 114, Introduction to Industrial Distribution .....2 hours

ITEC 120, Engineering Design Graphics.....4 hours

ITEC 130, Technology Today.....3 hours

ITEC 290, Training and Instructional Systems.....3 hours

**B. Distribution Core Requirements (30 hours required)**

Take all of the following:

ITEC 220, Electricity/Electronics.....3 hours

ITEC 251, Machine Tool Products and Applications .....3 hours

ITEC 271, Industrial Products & Applications I .....3 hours

## 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
BSFD 295, Business Communications .....	3 hours

### D. Internship (12 hours required)

Take 12 hours from:

ITEC 475, Internship .....	12 hours
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*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, Physical Science .....	4 hours
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Social and Behavioral Sciences minimum ..... 9 including:

*(Recommended: May increase total hours needed to complete General Studies)*

ITEC 210GS, Society and Technology .....	3 hours
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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
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*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
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Personal Development minimum ..... 3 including:

*(Recommended: May increase total hours needed to complete General Studies)*

ITEC 211GS, Alternate Energy and Technology .....	3 hours
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### 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
(Prereq: PHYS 100GS)	
ITEC 272, Industrial Products & Applications II .....	3 hours
(Prereq: 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
(Prereq: ITEC 120, ITEC 251, MATH 102)	
ITEC 360, Construction Building Systems .....	4 hours
(Prereq: ITEC 240, ITEC 341, PHYS 100GS)	
ITEC 451, Manufacturing/Distribution Relationships .....	3 hours
(Prereq: ITEC 251)	

Offered by Department of Industrial Technology  
Aviation Systems Management Comprehensive Major**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****in Aviation Systems Management 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.****Industrial Technology**

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**A. 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

**B. 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

**C. 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

**D. Aviation Systems Management Comprehensive -  
Emphasis Area (18-19 hours required)**

Select ONE of the following emphases.

**Flight Operations Emphasis (19 hours required)**

ITEC 172, Professional Flight 1 .....	1 hour
ITEC 220, Electricity/Electronics.....	3 hours
ITEC 292, Professional Flight 2 .....	1 hour
ITEC 293, Professional Flight 3 .....	1 hour
ITEC 375, Commercial Pilot Theory .....	3 hours
ITEC 376, Professional Flight 4 .....	2 hours
ITEC 377, Professional Flight 5 .....	2 hours
ITEC 416, Advanced Aerodynamics/Aircraft Performance ..	3 hours
ITEC 417, Advanced Aircraft Systems.....	3 hours

**Aviation Support Services Emphasis (18 hours required)**

BACC 251, Principles of Accounting II.....	3 hours
BFIN 308, Principles of Finance .....	3 hours
BMGT 233, Business Statistics .....	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 are admitted to UNK with flight certificates  
and ratings not obtained from an approved college or university.

Offered by Department of Industrial Technology

**Industrial Safety Minor**

MN 1082

**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

SFED 499, Individual Research in Safety.....	3 hours
ITEC 308, Industrial Management.....	3 hours
ITEC 425, Human Factors in the Workplace .....	3 hours

Take 6 hours from:

SFED 299, Independent Studies in Safety .....	3 hours
ITEC 475, Internship.....	3-12 hours
ITEC 499, Independent Study and Research in Industrial Technology.....	1-6 hours

Offered by Department of Industrial Technology

### Industrial Technology Minor

MN 1007

**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
(Prereq: ITEC 130, ITEC 240, MATH 103)	
ITEC 341, Mechanical and Electrical Systems.....	3 hours

##### 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

Offered by Department of Industrial Technology

### Safety Education Minor

MN 1011

**Minimum hours required for minor.....24**

#### Requirements

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

Offered by Department of Industrial Technology

### Telecommunication Minor

MN 1009

(For Business Administration, Computer Science and Information Systems majors)

**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

Offered by Department of Industrial Technology  
Professional Teaching Certificate Option

### Supplemental Endorsement in Driver Education

AD 2005

*Students must complete two Teaching Subject Endorsements or one Field Endorsement in addition to this Supplemental Endorsement.*

**Minimum hours required for endorsement.....9**

#### Requirements

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:

**(Must be completed with a cumulative GPA of at least 2.5.):**

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

College of Fine Arts and Humanities

### 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.

## 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 Major

### 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.

**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 International Studies ....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. 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:

(Work closely with advisor to choose electives)

BMGT 330, International Management.....3 hours

BMKT 430, International Marketing.....3 hours

(Prereq: BMKT 300 or BMGT 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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## International Studies

09-10

GEOG 321, Economic Geography.....	3 hours
GEOG 441, Special Topics in Human Geography.....	3 hours
HIST 408, War and Society.....	3 hours
HIST 420, Women in Europe.....	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 457, British Empire.....	3 hours
HIST 459, European Expansion and Exploration.....	3 hours
HIST 471, History of the Pacific Rim.....	3 hours
HIST 486, Imperial Russia.....	3 hours
HIST 489, Fascism and Communism	
in Twentieth Century Europe.....	3 hours
HIST 492, Soviet Russia.....	3 hours
HIST 493, Modern Eastern Europe.....	3 hours
PHIL 260GS, Philosophy of Culture.....	3 hours
PSCI 340, Topics in Comparative Politics.....	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 368, International Law and Organization.....	3 hours
PSCI 369, International Political Economy.....	3 hours
PSCI 376, Post-Modern Political Thought.....	3 hours
PSCI 380, Topics in International Relations.....	3 hours
PSCI 450, Nations in Transition.....	3 hours
PSCI 468, War in World Politics.....	3 hours
PSY 416, Eastern Psychology.....	3 hours
(Prereq: PSY 203GS)	
SPCH 454, Intercultural Communication.....	3 hours

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

GEOG 340, 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 insure 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 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 Management offers two options and one emphasis in this major:

- I. Business Administration Option - Bachelor of Arts Degree  
or Business Administration Option - Bachelor of Science 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.

Offered by Department of Management  
Business Administration Major

### Business Administration Option

Bachelor of Arts

BT BA 1205

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 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

**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 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 Option

Bachelor of Science

BT BS 1205

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 120, Finite Mathematics.....3 hours



MATH 123, Applied Calculus I .....	3 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.</i>	
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
<b>BS Science-related course requirements .....</b>	<b>0</b>
<b>Major Option .....</b>	<b>36</b>
<b>Minor or 2nd Major, minimum .....</b>	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework.....</b>	<b>105</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>20</b>
<b>Minimum total hours required for BS</b>	
<b>in Business Administration.....</b>	<b>125</b>
<i>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.</i>	

#### 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.*

<b>Minimum General Studies .....</b>	<b>45</b>
<b>including General Studies coursework required by major</b>	
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 120, Finite Mathematics.....	3 hours
MATH 123, Applied Calculus I .....	3 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.</i>	
Natural Sciences minimum .....	7

Management	
125	09-10
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
<b>BS Science-related course requirements .....</b>	<b>0</b>
<b>Major Option .....</b>	<b>60</b>
<b>Minimum total hours required coursework.....</b>	<b>105</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>20</b>
<b>Minimum total hours required for BS</b>	
<b>in Business Administration Comprehensive.....</b>	<b>125</b>
<i>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.</i>	

#### 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.....	3 hours
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#### 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 1 course from:

BMGT 485, Seminar in Human Resource Management .....	3 hours
BMGT 490, Seminar in Organizational Behavior .....	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

Offered by Department of Management

**Business Administration Minor**

MN 1002

**Minimum hours required for minor.....24***(Requires a major from another academic department)***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
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Offered by Department of Management

**Entrepreneurship Minor**

MN 1133

**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
BMGT 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 331, Professional Selling .....	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).

Offered by Department of Marketing and Management Information Systems  
Business Administration Major**Business Administration Comprehensive Option Marketing Emphasis**

Bachelor of Science

BT BS 1203 EP 3005

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 120, Finite Mathematics.....	3 hours
MATH 123, Applied Calculus I .....	3 hours
<i>*Students with sufficient preparation may enter the mathematics program at a higher level, increasing the unrestricted elective hours.</i>	
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
<b>BS Science-related course requirements .....</b>	<b>0</b>
<b>Major Option .....</b>	<b>60</b>
<b>Minimum total hours required coursework.....</b>	<b>105</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>20</b>
<b>Minimum total hours required for BS</b>	
<b>in Business Administration Comprehensive.....</b>	<b>125</b>
<i>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.</i>	
<b>A. Business Administration Comprehensive Core Requirements</b>	
<b>(36 hours required) (2.0 GPA required)</b>	
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
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>B. Business Administration Comprehensive Economics Requirement (3 hours required)</b>	
Take 3 hours from:	
ECON 300-ECON 498.....	3 hours
<b>C. Marketing Emphasis Requirements (21 hours required)</b>	
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 395, 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.....	1-3 hours
(Prereq: BMKT 430 or BMGT 330 or ECON 430;	
junior or senior standing; permission of instructor)	
BMKT 498, Marketing Topics.....	3 hours

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Offered by Department of Marketing and Management Information Systems Business Administration Major		
Business Administration Comprehensive Option Management Information Systems Emphasis		
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	
Take 1 course from:		
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 .....	7 including:	
CSIS 111GS, Applied BASIC Programming.....	3 hours	
CSIS 130GS, Introduction to Computer Science.....	4 hours	
Major Option .....	60	
Minimum total hours required coursework.....	112	
Unrestricted electives in 125 hour program .....	13	
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:		
BMIS 302, Principles of Management Information Systems ..	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	
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	
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 .....	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	



## Marketing and MIS

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)	

Offered by Department of Marketing and Management Information Systems

## International Business Minor

MN 1134

**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
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**Geography**

GEOG 104GS, World Regional Geography .....	3 hours
GEOG 340, Developing Nations .....	3 hours
(Prereq: GEOG 104GS or GEOG 106GS)	

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)	

Offered by Department of Marketing and Management Information Systems

## Marketing/Management Minor

MN 1085

**Minimum hours required for minor.....24**

**A. Requirements (6 hours required)**

Take all of the following:

BMKT 300, Principles of Marketing .....	3 hours
BMGT 301, Principles of Management .....	3 hours
Electives (18 hours required)	

Take 6 of the following (18 hours):

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, BMGT 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 BMGT 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

College 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: Dahlke, Michener, Sorensen, Teter

Lecturer: Reifenrath

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.

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- Students 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:

- Mathematics Option - Bachelor of Arts Degree  
or Mathematics Option - Bachelor of Science Degree
- Mathematics Comprehensive Option -  
Bachelor of Science Degree
- Mathematics 7-12 Teaching Subject Endorsement Option -  
Bachelor of Science in Education Degree
- 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).

Offered by Department of Mathematics and Statistics  
Mathematics Major

## Mathematics Option

Bachelor of Arts

NSS BA 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

**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 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.....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".**

**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 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
<i>*Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.</i>	
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**

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.....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
<i>*Students with insufficient preparation will enter the mathematics program at a lower level increasing total hours needed to complete the major.</i>	

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 .....49-52****Minimum total hours required coursework.....94-97****Unrestricted electives in 125 hour program .....28-31****Minimum total hours required for BS**

in Mathematics 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.

**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
<i>*Students who plan a Computer Science Emphasis are advised to take CSIS 130GS.</i>	

**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

NSS BSE 5809

**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... 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

**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.....34**

**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.....139**

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

**Minimum total hours required for BSE**

**in Math 7-12 Teaching Subject Endorsement.....139**

*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

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MATH 350, Abstract Algebra.....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 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

NSS BSE 5810

**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..... 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

*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.....51**

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

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)

**Military Science Program****Robert Mendez, Director***Instructors:* Alexander, Buettgenback

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.



## Enrollment in Military Science

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.

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.

Offered by Military Science Program

## 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)	

College of Fine Arts and Humanities

## 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.

## RETROACTIVE CREDIT POLICY:

The Department of Modern Languages will allow credit via a "confirming" course for French/German/Spanish subject to the following conditions:

- The confirming course must be the first university-level course completed in the language and must be taken at UNK;
- Confirming course numbers are 201, 204 (SPAN) or a 300-400 level course (excluding phonetics) in FREN, GERM or SPAN at UNK;
- 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;
- 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

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:

- French Option - Bachelor of Arts Degree
- French Translation and Interpretation Option - Bachelor of Arts Degree
- French 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

## GERMAN MAJOR

Three options are available in this major:

- German Option - Bachelor of Arts Degree
- German Translation and Interpretation Option - Bachelor of Arts Degree
- German 7-12 Teaching Subject Endorsement Option - Bachelor of Arts in Education Degree

## SPANISH MAJOR

Three options are available in this major:

- Spanish Option - Bachelor of Arts Degree
- Spanish Translation and Interpretation Option - Bachelor of Arts Degree
- 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

Minors in French, German, Japanese, and Spanish as well as French Translation, German Translation and Spanish Translation are available for students pursuing majors in other disciplines.

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).

Offered by Department of Modern Languages  
French Major

## French Option

Bachelor of Arts

FAH BA 3503

Minimum General Studies .....45

English Language minimum.....9

Humanities minimum.....9

Mathematics, Statistics &amp; 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.

<b>Major Option</b> .....	<b>36</b>
<b>Minor or 2nd Major, minimum</b> .....	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework</b> .....	<b>108-110</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>15-17</b>
<b>Minimum total hours required for BA in French</b> .....	<b>125</b>
<i>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.</i>	

#### 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.*

Offered by Department of Modern Languages  
French Major

### French Translation and Interpretation Option

<i>Bachelor of Arts</i>	<i>FAH BA 3506</i>
<b>Minimum General Studies</b> .....	<b>45</b>
<i>English Language minimum</i> .....	<i>9</i>
<i>Humanities minimum</i> .....	<i>9</i>
<i>Mathematics, Statistics &amp; Computer Science minimum</i> .....	<i>3</i>
<i>Natural Sciences minimum</i> .....	<i>7</i>
<i>Social and Behavioral Sciences minimum</i> .....	<i>9</i>
<i>Personal Development minimum</i> .....	<i>2</i>
<b>BA Language requirement</b> .....	<b>6 including:</b>
FREN 200GS, Intermediate French I.....	3 hours
FREN 201GS, Intermediate French II.....	3 hours
<b>Major Option</b> .....	<b>36</b>
<b>Minor or 2nd Major, minimum</b> .....	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework</b> .....	<b>111</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>14</b>
<b>Minimum total hours required for BA</b>	
<b>in French Translation and Interpretation</b> .....	<b>125</b>
<i>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.</i>	

#### A. French Translation and Interpretation Requirements (27 hours required)

Take all of the following:

FORL 308, Seminar in Translation I.....	3 hours
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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.	
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*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

### French 7-12 Teaching Subject Endorsement Option

*Bachelor of Arts in Education*

*FAH BAE 3504*

#### Minimum General Studies .....

**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* .....

*Social and Behavioral Sciences minimum* .....

*9 including:*

PSCI 110GS, Introduction to American Politics .....

Take any Economic Perspective GS course .....

Take any GS course from:

Social Perspective,	
Geographical Perspective or	
Behavioral Perspective .....	3 hours

*Personal Development minimum* .....

*3 including:*

PE 160GS, Healthful Living .....

#### Professional Sequence .....

**30 including:**

TE 319, Management and Assessment

in K-12/Secondary Classrooms .....

TE 320, Field Experience in Secondary Classroom .....

*Students must apply for admission to all Teacher Education programs.*

#### Endorsement.....

#### Second Subject Endorsement, normally.....

*Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.*

#### Minimum total hours required coursework.....



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

Minimum total hours required for BAE

in French 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.*

#### 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 II.....	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

Offered by Department of Modern Languages  
German Major

### 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

*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. 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 I.....	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	
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*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 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. 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.	
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*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.*

Offered by Department of Modern Languages  
German Major

## German 7-12 Teaching Subject Endorsement Option

Bachelor of Arts in Education

FAH BAE 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
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
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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
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### 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

### 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

in German 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.*

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## 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 499, Independent Studies in German .....	3 hours

Offered by Department of Modern Languages  
Spanish Major

## Spanish Option

Bachelor of Arts

FAH BA 3703

### 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 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-SPAN 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:

Minimum grade of C+ required for the following 4 courses.

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-SPAN 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
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
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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
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**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**

<b>Second Subject Endorsement, normally</b> .....	<b>30</b>
<i>Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.</i>	
<b>Minimum total hours required coursework</b> .....	<b>138</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>0</b>
<b>Minimum total hours required for BAE</b>	
<b>in Spanish 7-12 Teaching Subject Endorsement</b> .....	<b>138</b>
<i>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.</i>	

#### 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

<b>Minimum General Studies</b> .....	<b>45</b>
<b>including General Studies coursework required by Teacher Education</b>	
<i>English Language minimum</i> ..... 9 including:	
ENG 101GS, Expository Writing I .....	3 hours
ENG 102GS, Expository Writing II .....	3 hours
SPCH 100GS, Fundamentals of Speech Communication .....	3 hours

## Modern Languages

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*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* .....

    PSCI 110GS, Introduction to American Politics .....

Take any Economic Perspective GS course .....

Take any GS course from:

Social Perspective,	
Geographical Perspective or	
Behavioral Perspective .....	3 hours

*Personal Development minimum* .....

    PE 160GS, Healthful Living .....

**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
<i>Students must apply for admission to all Teacher Education programs.</i>	

**Endorsement**..... 20-30

**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**.....125

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

**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 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

#### A. Requirements (15 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

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

### 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

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

### 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

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.*



MN 1078

**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  
 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)  
 SPAN 333, Commercial Spanish .....3 hours  
 (Prereq: SPAN 201GS or equivalent)

Take 1 course from:

- SPAN 305, Spanish Civilization .....3 hours  
 (Prereq: SPAN 204GS or equivalent)  
 SPAN 360, Latin American Civilization .....3 hours  
 (Prereq: SPAN 204GS or equivalent)

**B. 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-SPAN 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 303 or SPAN 304.*

*This minor may require additional hours for students who have not completed intermediate Spanish courses as part of their degree and major.*

College of Fine Arts and Humanities

## Department of Music and Performing Arts

**Valerie Cisler, Chair**

*Professors:* D. Bauer, Buckner, Cisler, Cook, Crocker, G. Davis, Foradori, Nabb, Payne, SchAAF

*Associate Professors:* Chen, Janice Fronczak, Garrison, Harriott, Mitchell, Schnoor

*Assistant Professors:* S. Campbell, Rogoff, Wethington, White

*Senior Lecturers:* Forbes, Himmerich

*Lecturer:* Ice

*Professional Staff:* Ice, Costume Coordinator; M. Johnson, Piano Technician; Scholwin, Sound Production Coordinator/Events Technician

*The Department of Music is an accredited institutional member of the National Association of Schools of Music.*

**Department Objectives:****Music and Dance**

- To provide professional training in music education, music business, musical theatre, performance, pedagogy, dance and music technology and to provide pre-professional training in music therapy;
- To develop in the students a basis for aesthetic judgment and an understanding and appreciation for music and performing arts;
- To assure an opportunity for the musical development of each student to the highest degree of artistic capability;
- To help members of the university community acquire greater musical understanding and critical judgment through enrollment in music courses and private lessons, participation in music ensembles and attendance at various musical functions;

- 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**

- 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 should be able to perform with adequate technique, tone quality and musicianship; specific audition requirements for each performance area are available through the Department of Music and Performing Arts.

All incoming students including transfer students will also take placement tests in the areas of theory, ear training, sight singing, piano skills, and performance. 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.

- 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.

- 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

## Music and Performing Arts

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 Music 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, DANC and THEA are offered by the department. See pages 231 (MUS), 204 (DANC), and 258 (THEA).

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.*

#### 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

Offered by Department of Music and Performing Arts  
Music Major

### 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

Social and Behavioral Sciences minimum .....	9
Personal Development minimum .....	2
<b>Major Option .....</b>	<b>80-82</b>
<b>Minimum total hours required coursework.....</b>	<b>125-127</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BM</b>	

**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
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##### **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

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### **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
<i>(Voice principals may substitute Vocal Diction)</i>	
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
<i>At least two hours must be in piano.</i>	

##### **C. Electives (15 hours required)**

Take 15 hours from:

MUS 100-MUS 499.	
<i>(Senior hours are recommended-see advisor.)</i>	

#### **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

## 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. 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  
 (Duo 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

#### 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 301, Music Technology ..... 2 hours  
 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 460, Independent Study and Research ..... 1 hour  
 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.*

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.)*

Offered by Department of Music and Performing Arts  
 Music Major

## Musical Theatre Comprehensive Option

Bachelor of Music

FAH BM 4112

Minimum General Studies ..... 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)	
<b>Major Option .....</b>	<b>85</b>
<b>Minimum total hours required coursework.....</b>	<b>130</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BM</b>	
<b>in Musical Theatre-Music Emphasis .....</b>	<b>130</b>
<i>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.</i>	

#### 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
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#### D. Theatre and Dance Curriculum (22 hours required)

Take all of the following:

DANC 138, Dance Techniques I (Fine Arts) .....	2 hours
DANC 139, Dance Technique II (Fine Arts) .....	2 hours

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DANC 148, Jazz Dance I .....	1 hour
DANC 149, Jazz Dance II .....	1 hour
DANC 236, Tap Dance .....	1 hour
SPCH 205, Voice and Articulation .....	3 hours
THEA 225, Acting I .....	3 hours
THEA 226, Acting II .....	3 hours
THEA 306, Movement for the Stage .....	3 hours
THEA 425, Acting III .....	3 hours

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 .....

MUS 106GS, Introduction to Jazz and Blues .....

MUS 107GS, Introduction to Rock and Blues.....3 hours

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

MATH 102, College Algebra .....

Natural Sciences minimum .....

Social and Behavioral Sciences minimum .....

PSY 203, General Psychology .....

Personal Development minimum .....

#### Major Option .....80

Minimum total hours required coursework.....125

Unrestricted electives in 125 hour program .....

Minimum total hours required for BM

in Music Business 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. 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 .....

MUS 199, Sight Singing and Ear Training II .....

MUS 200, Theory I .....

MUS 201, Theory II .....

MUS 337, Sight Singing and Ear Training III .....

MUS 339, Theory III .....

MUS 425, Arranging .....

MUS 447, Music History and Literature I .....

MUS 448, Music History and Literature II .....

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 .....

MUS 141\*, Piano Techniques II .....

MUS 240\*, Piano Techniques III .....

MUS 260\*, Keyboard Harmonization .....

*\*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
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Take 1-3 hours in one area (voice, piano or single band/orchestra instrument) from:

MUS 350, Advanced Private Instruction .....	1 hour
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Take 0-2 hours in secondary area from:

MUS 149, Private Instruction, Secondary Instrument .....	1 hour
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### 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
<i>(MUS 177, MUS 178, MUS 179, MUS 180 may be substituted for TWO semesters ONLY.)</i>	

### 4. Music Business Emphasis Electives (6 or 9 hours required)

Take 6 or 9 hours from:

MUS 100-MUS 499 (See Advisor)
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### 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
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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
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Take any Economic Perspective GS course.....3 hours

Take any GS course from:

Social Perspective, Geographical Perspective or Behavioral Perspective .....	3 hours
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Personal Development minimum ..... 3 including:

PE 160GS, Healthful Living .....	3 hours
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Professional Sequence..... 28 including:

TE 319, Management and Assessment in K-12/Secondary Classrooms .....	2 hours
<i>Students must apply for admission to all Teacher Education programs.</i>	

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

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
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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
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Take 3-4 hours in same area as above (voice, piano or single band/orchestral instrument) from:

MUS 350, Advanced Private Instruction .....	1 hour
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#### 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, 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.)*

*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

### Theatre Option

Bachelor of Arts FAH BA 4406

**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.*

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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
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Take 3 hours from:

THEA 423, Advanced Theatre Practicum .....	1 hour
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#### 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

##### 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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*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

Take 1 course:

THEA 120GS, Introduction to the Theatre .....	3 hours
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*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
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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
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**Professional Sequence** ..... 30

*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**

**in Theatre 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.*

**Theatre Subject Endorsement Requirements (33 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 240, Stage Makeup .....	3 hours
THEA 241, Introduction to Costume Technology .....	2 hours
THEA 296, Elements of Theatrical Design .....	3 hours
THEA 322, Theatre and Stage Management .....	3 hours
THEA 421, Playwriting .....	3 hours
THEA 480, Play Direction .....	3 hours
SPCH 400, The Teaching of Speech .....	3 hours

Take 3 hours from:

THEA 295, Theatre Practicum .....	1 hour
THEA 423, Advanced Theatre Practicum .....	1 hour

Take 1 course from:

THEA 413, History of Theatre I .....	3 hours
THEA 414, History of Theatre II .....	3 hours

Offered by Department of Music and Performing Arts

### Music Minor

MN 1032

**Minimum hours required for minor** ..... 24

**A. Music Minor Core Requirements (16 hours required)**

Take all of the following:

MUS 198, Sight Singing and Ear Training I .....	1 hour
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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

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
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Take 0-1 hours in secondary area from:

MUS 149, Private Instruction, Secondary Instrument .....	1 hour
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**C. Music Minor 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 176, University Women's Chorus .....	1 hour
MUS 220, Kearney Area Symphony Orchestra .....	1 hour

**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 .....	2 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



**Theatre Minor**

MN 1036

**Minimum hours required for minor.....24****A. Requirements (15 hours required)**

Take all of the following:

THEA 120GS, Introduction to the Theatre .....	3 hours
THEA 135, Introduction to Stage Technology .....	2 hours
THEA 136, Introduction to Lighting Technology .....	2 hours
THEA 225, Acting I.....	3 hours
THEA 413, History of Theatre I.....	3 hours

Take 2 hours from:

THEA 423, Advanced Theatre Practicum .....	1 hour
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**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

**Music Minor-Elementary Education**

MN 1072

**Minimum hours required for minor.....24****A. Music Minor-Elementary Education Core Requirements (17 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:

*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.*

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**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
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Take 0-1 hour in secondary area from:

MUS 149, Private Instruction, Secondary Instrument.....	1 hour
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**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 176, University Women's 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 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 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:

*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

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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..... 4 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

College of Fine Arts and Humanities

## 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

## Philosophy

Bachelor of Arts

FAH BA 4203

**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 .....33**

**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**

**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

### 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 360GS, 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 Philosophy 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 Philosophy 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 Philosophy 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

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- II. Physics Comprehensive Option - Bachelor of Science Degree
- III. Physical Science Option - Bachelor of Arts Degree  
or Physical Science Option - Bachelor of Science Degree
- IV. Physics 7-12 Teaching Subject Endorsement Option -  
Bachelor of Science in Education Degree
- V. Physical Science 7-12 Teaching Field Endorsement Option -  
Bachelor of Science in Education Degree

A minor in Physics is available for students pursuing majors in other disciplines. A science minor is available for Elementary Education majors. These programs are listed in the Elementary Education sections.

Pre-professional Programs are available in Architecture Preparation, Pre-Engineering, and Pre-Meteorology.

Courses with the prefix PHYS are offered by the department. See page 239.

Offered by Department of Physics and Physical Science  
Physics and Physical Science Major

## 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 18 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 and Physical Science

PHYS 405, Electricity and Magnetism I .....	3 hours
(Prereq: PHYS 410, MATH 305 OR permission of instructor)	
PHYS 406, Electricity and Magnetism II .....	3 hours
PHYS 410, Mathematical Techniques in Physics .....	4 hours
PHYS 417, Quantum Mechanics .....	3 hours
(Prereq: PHYS 416 or permission of instructor)	
PHYS 430, Optics .....	4 hours
PHYS 440, Heat and Thermodynamics .....	4 hours

Offered by Department of Physics and Physical Science  
Physics and Physical Science Major

### Physics Option

Bachelor of Science

NSS BS 6205

#### 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

#### BS Science-related course requirements .....0

#### Major Option .....34

#### 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.....121

#### Unrestricted electives in 125 hour program .....4

#### Minimum total hours required for BS 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 (34 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

PHYS 405, Electricity and Magnetism I .....3 hours

(Prereq: PHYS 410, MATH 305 OR permission of instructor)

PHYS 406, Electricity and Magnetism II .....3 hours

PHYS 410, Mathematical Techniques in Physics .....4 hours

PHYS 411, Math Techniques in Physics II .....3 hours

PHYS 417, Quantum Mechanics .....3 hours

(Prereq: PHYS 416 or permission of instructor)

PHYS 430, Optics .....4 hours

PHYS 440, Heat and Thermodynamics .....4 hours

Offered by Department of Physics and Physical Science  
Physics and Physical Science Major

### Physics Comprehensive Option

Bachelor of Science

NSS BS 6203

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

##### + General Studies coursework required by major .....66

English Language minimum.....9

Humanities minimum.....9

Mathematics, Statistics & Computer Science minimum. 24 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

MATH 305, Differential Equations .....3 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

#### BS Science-related course requirements .....0

#### Major Option .....57

#### Minimum total hours required coursework.....123

#### Unrestricted electives in 125 hour program .....2

#### Minimum total hours required for BS

##### in Physics 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. Physics Comprehensive Requirements (42 hours required)

Take all of the following:

PHYS 323, Introductory Electronics .....4 hours

PHYS 346, Modern Physics I .....4 hours

PHYS 347, Modern Physics II .....4 hours

PHYS 400, Analytic Mechanics I .....3 hours

PHYS 401, Analytic Mechanics II .....3 hours

PHYS 405, Electricity and Magnetism I .....3 hours

PHYS 406, Electricity and Magnetism II .....3 hours

PHYS 410, Mathematical Techniques in Physics .....4 hours

PHYS 411, Mathematical Techniques in Physics II .....3 hours

PHYS 417, Quantum Mechanics .....3 hours

(Prereq: PHYS 416 or permission of instructor)

PHYS 430, Optics .....4 hours

PHYS 440, Heat and Thermodynamics .....4 hours

#### B. Physics Comprehensive Electives (6 hours required)

Take 6-8 hours from:

PHYS 200-PHYS 499

#### C. Physics Comprehensive Math and CSIS Electives (6 hours required)

Take 6-8 hours from:

MATH 200-MATH 499 or CSIS 100-CSIS 499

#### D. Physics Writing Intensive Electives (3 hours required)

Take at least 3 hours from:

PHYS 495 (WI) and/or PHYS 499 (WI)



## 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.)

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 ..... 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

**BA Language requirement..... a minimum of 6**

*For specific language requirements see Bachelor of Arts Degree  
requirements.*

**Major Option .....24**

**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:

PHYS 275GS, General Physics (Calculus) .....5 hours

PHYS 276GS, General Physics (Calculus) .....5 hours

**B. Physical Science Electives (14 hours required)**

Take 14-16 hours from:

CHEM 200-CHEM 499

PHYS 200-PHYS 499

*Electives must include one advanced course (300-400 level)  
in BOTH Chemistry AND Physics.*

## 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.)

MATH 102\*, College Algebra .....3 hours

MATH 103\*, Plane Trigonometry .....3 hours

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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 ..... 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:

PHYS 275GS, General Physics (Calculus) .....5 hours

PHYS 276GS, General Physics (Calculus) .....5 hours

**B. Physical Science Electives (14 hours required)**

Take 14-16 hours from:

CHEM 200-CHEM 499

PHYS 200-PHYS 499

*Electives must include one advanced course (300-400 level)  
in BOTH Chemistry AND Physics.*

## 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:

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.*

## Physics and Physical Science

<i>Natural Sciences minimum</i> .....	8 including:
BIOL 103GS, General Biology .....	4 hours
CHEM 160GS, General Chemistry .....	3 hours
CHEM 160LGS, General Chemistry Laboratory .....	1 hour
<i>Social and Behavioral Sciences minimum</i> .....	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
<i>Personal Development minimum</i> .....	3 including:
PE 160GS, Healthful Living .....	3 hours
<b>Professional Sequence</b> .....	<b>30 including:</b>
TE 319, Management and Assessment	
in K-12/Secondary Classrooms .....	2 hours
TE 320, Field Experience in Secondary Classroom .....	2 hours
<i>Students must apply for admission to all Teacher Education programs.</i>	
<b>Endorsement</b> .....	<b>37</b>
<b>Second Subject Endorsement, normally</b> .....	<b>30</b>
<i>Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.</i>	
<b>Minimum total hours required coursework</b> .....	<b>149</b>
<b>Unrestricted electives in 125 hour program</b> .....	<b>0</b>
<b>Minimum total hours required for BSE</b>	
<b>in Physics 7-12 Teaching Subject Endorsement</b> .....	<b>149</b>
<i>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.</i>	

**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** .....**+ 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

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* .....

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* .....

Take any Economic Perspective GS course .....

Take any Political Perspective GS course .....

Take any GS course from:

Social Perspective,	
Geographical Perspective or	
Behavioral Perspective .....	3 hours

*Personal Development minimum* .....

PE 160GS, Healthful Living .....

**Professional Sequence** .....

TE 319, Management and Assessment

in K-12/Secondary Classrooms .....

TE 320, Field Experience in Secondary Classroom .....

*Students must apply for admission to all Teacher Education  
programs.***Endorsement** .....**Minimum total hours required coursework** .....**Unrestricted electives in 125 hour program** .....**Minimum total hours required for BSE****in Physical Science 7-12 Teaching Field 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. 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 301L, 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 .....	4 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
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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)

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## Physics and Physical Science

09-10

**Restriction:** No more than ONE from:

PHYS 205GS, General Physics.....	5 hours
(Prereq: MATH 103 or permission of instructor)	
PHYS 206GS, General Physics.....	5 hours
(Prereq: PHYS 205GS or permission)	

**Restriction:** No more than **ONE** from 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

Offered by Department of Physics and Physical Science

### Architecture Preparation (for UNL)

Minimum hours to complete Architecture Preparation program...35

**NOTE:** To ensure that this program is completed in one year, see advisor for semester course lists.

#### A. Requirements (32 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
ENG 101GS, Expository Writing I.....	3 hours
ENG 102GS, Expository Writing II.....	3 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.*

SPCH 100GS, Fundamentals of Speech Communication...	3 hours
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#### B. Electives (3 hours required)

Take 3 hours from:

ART 221, Art History Survey I.....	3 hours
ECON 100GS, Contemporary Economic Issues .....	3 hours
GEOG 104GS, World Regional Geography .....	3 hours
MUS 100GS, Introduction to Music .....	3 hours
PHIL 100GS, Introduction to Philosophy .....	3 hours
PSCI 170GS, Introduction to Political Thought.....	3 hours
PSY 203GS, Introduction to Political Science .....	3 hours
SOC 100GS, Introduction to Sociology .....	3 hours
SOC 250GS, Anthropology.....	3 hours
THEA 120GS, Introduction to the Theatre .....	3 hours

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.



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

CSIS 112, Programming in C .....	3 hours
ENG 101GS, Expository Writing I .....	3 hours
ENG 102GS, Expository Writing II .....	3 hours
(ENG 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
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**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-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.

Offered by Department of Physics and Physical Science

**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 I .....	3 hours

ENG 102GS, 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 .....	-9

**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:

- Political Science Option - Bachelor of Arts Degree  
or Political Science Option - Bachelor of Science Degree
- Public Administration Option - Bachelor of Science Degree
- 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..... 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 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 .....14

### Minimum total hours required for BA in Political 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. 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-Modern 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

#### International Relations

PSCI 342, Politics of Globalization .....3 hours

PSCI 368, International Law and Organization.....3 hours

PSCI 369, International Political Economy .....3 hours

PSCI 370, American Foreign Policy.....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..... 3-6 hours

(may be repeated once with different topic)

PSCI 341, Politics 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..... 3-6 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 ..... 3-6 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..... 3-6 hours

(may be repeated once with different topic)

PSCI 378, Feminist Political Thought .....3 hours

PSCI 380, Topics in International Relations..... 3-6 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..... 1-6 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

Offered by Department of Political Science  
Political Science Major

## 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 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 ..... 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

### 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 Political 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. 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-Modern 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

#### International Relations

PSCI 342, Politics of Globalization .....3 hours

PSCI 368, International Law and Organization .....3 hours

PSCI 369, International Political Economy .....3 hours

PSCI 370, American Foreign Policy .....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 ..... 3-6 hours

(may be repeated once with different topic)

PSCI 341, Politics 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 ..... 3-6 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 ..... 3-6 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, Topics in Political Thought ..... 3-6 hours

(may be repeated once with different topic)

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 ..... 3-6 hours

(may be repeated once with different topic)

PSCI 378, Feminist Political Thought .....3 hours

PSCI 380, Topics in International Relations ..... 3-6 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 ..... 1-6 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

## Public Administration Option

Bachelor of Science

NSS BS 6305

### 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:
ECON 270GS, Principles of Economics, Macroeconomics .....	3 hours
ECON 271GS, Principles of Economics, Microeconomics .....	3 hours
Take 1 course from:	
PSY 203GS, General Psychology .....	3 hours
SOC 100GS, Introduction to Sociology .....	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 Public 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.*

### 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
SOC 370, Social Survey .....	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

Bachelor of Arts in Education

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
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 .....

    PSCI 110GS, Introduction to American Politics .....

Take any Economic Perspective GS course .....

Take any GS course from:

Social Perspective,	
Geographical Perspective or	
Behavioral Perspective .....	3 hours

#### Personal Development minimum .....

    PE 160GS, Healthful Living .....

### 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
<i>Students must apply for admission to all Teacher Education programs.</i>	

### 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 coursework.....141

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

### Minimum total hours required for BAE

#### in Political Science 7-12 Teaching Subject Endorsement.....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

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
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Take 6 hours from:

ECON, HIST, GEOG, SOC, PSY
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Offered by Department of Political Science

#### Political Science Minor

MN 1061

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

#### Public Administration Minor

MN 1062

Minimum hours required for minor.....24

#### Requirements

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: Writing Processes.....	3 hours
PHIL 400, Ethics.....	3 hours

Take 1 course from:

PSCI 381, Introduction to Political Inquiry.....	3 hours
SOC 370, Social Survey.....	3 hours
(Prereq: SOC 237 or permission of the instructor)	

#### 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 270GS, Principles of Economics, Macroeconomics..	3 hours
ECON 271GS, Principles of Economics, Microeconomics..	3 hours
ENG 102GS, Expository Writing II.....	3 hours

College of Natural and Social Sciences

## Department of Psychology

#### Richard L. Miller, Chair

*Professors:* Benz, Briner, Forrest, Miller, Mosig, Rycek, Wozniak

*Associate Professors:* Fritson, Wadkins

*Visiting Assistant Professor:* Mandernach

#### Department Objectives:

- To provide a general foundation in the various content areas of the field of Psychology;
- to provide suitable preparation in methodology for students planning to attend graduate school;
- to provide a sound basis for enhanced understanding of self and others;
- to prepare students for careers in human service areas and high school teaching;
- to support other departments by offering courses applicable to other majors and minors.

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

#### 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.

Offered by Department of Psychology  
Psychology Major

#### Psychology Option

Bachelor of Arts

NSS 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



<b>Minor or 2nd Major, minimum .....</b>	<b>24</b>
<i>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.</i>	
<b>Minimum total hours required coursework.....</b>	<b>108</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>17</b>
<b>Minimum total hours required for BA in Psychology.....</b>	<b>125</b>
<i>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.</i>	

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

<b>Psychology</b>	
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<b>Psychology Option</b>	

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.*

#### 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..... 111

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

#### Minimum total hours required for BS in Psychology.....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. 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 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

Offered by Department of Psychology  
Psychology Major

## Psychology Comprehensive Option

Bachelor of Science

NSS BS 6403

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

**Courses from section F. Psychology Supporting Courses below may count toward the General Studies requirement. Work closely with advisor.**

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.

**Major Option .....58**

**Minimum total hours required coursework.....109**

**Unrestricted electives in 125 hour program .....16**

**Minimum total hours required for BS**

**in Psychology 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 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 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 (15 hours required)**

Take 15 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

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:

Take 0-8 hours from:

BIOL 103GS, General Biology ..... 4 hours  
PHYS 100GS, Physical Science ..... 4 hours

Take 0 or 4 hours from:

CHEM 145GS, Introductory Chemistry ..... 4 hours  
CHEM 160GS, General Chemistry ..... 3 hours  
CHEM 160LGS, General Chemistry Laboratory ..... 1 hour

Take 0-3 hours from:

CSIS 108GS, Computers in Society ..... 3 hours  
CSIS 111GS, Applied BASIC Programming ..... 3 hours

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

### Major Option .....55

### 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:

PSY 250, Behavioral Statistics .....4 hours

PSY 270, Experimental Psychology .....4 hours

PSY 300, Orientation to Psychology ..... 1 hour

PSY 313, Physiological Psychology .....3 hours

PSY 313L, Physiological Psychology Laboratory ..... 1 hour

PSY 407, Psychopathology .....3 hours

PSY 453, Developmental Psychology .....3 hours

BIOL 309, Cellular Biology .....4 hours

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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

Take 1 course from:

PHYS 205GS, General Physics .....5 hours

(Prereq: MATH 103 or permission of instructor)

PHYS 275GS, General Physics (Calculus) .....5 hours

(Prereq or Coreq: MATH 115 or equivalent)

Take 1 course from:

*Course possibly may fulfill General Studies requirement reducing total hours needed for the degree. Consult advisor.*

MATH 103, Plane Trigonometry .....3 hours

MATH 115, Calculus I with Analytic Geometry .....5 hours

(Prereq: MATH 102, MATH 103)

MATH 123, Applied Calculus I .....3 hours

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:

PSY 310, Learning and Conditioning .....3 hours

PSY 310L, Learning and Conditioning Laboratory ..... 1 hour

PSY 312, Sensation and Perception .....3 hours

PSY 312L, Sensation and Perception Laboratory ..... 1 hour

PSY 317, Biopsychology .....3 hours

PSY 317L, Biopsychology Laboratory ..... 1 hour

PSY 453L, Developmental Psychology Lab ..... 1 hour

PSY 465, Psychopharmacology .....3 hours

PSY 470, Neuropsychology .....3 hours

PSY 499, Research in Psychology .....3 hours

## 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:

Take 0-1 from:

BIOL 211GS, Human Microbiology .....4 hours

BIOL 400, Microbiology .....4 hours

Take 0-1 from:

CHEM 351, Biochemistry .....3 hours

**AND** CHEM 351L, Biochemistry Laboratory ..... 1 hour

Take any from the following:

BIOL 360, Genetics .....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 404, Developmental Biology .....3 hours

BIOL 440, Infectious Diseases .....4 hours

(Prereq: BIOL 211GS or BIOL 400 or permission)

BIOL 450, Molecular Biology I .....3 hours

(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 Major

### Psychology 7-12 Teaching Subject Endorsement Option

<i>Bachelor of Arts in Education</i>	NSS BAE 6407
<i>Bachelor of Science in Education</i>	NSS BSE 6407
<b>Minimum General Studies .....</b>	<b>45</b>

#### including General Studies coursework required by Teacher Education and endorsement

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

<i>Humanities minimum .....</i>	<i>12 including:</i>
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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

<i>Mathematics, Statistics &amp; Computer Science minimum .....</i>	<i>3</i>
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<i>Natural Sciences minimum .....</i>	<i>7</i>
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<i>Social and Behavioral Sciences minimum .....</i>	<i>9 including:</i>
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PSY 203GS, General Psychology .....	3 hours
PSCI 110GS, Introduction to American Politics .....	3 hours

Take any Economic Perspective GS course .....

<i>Personal Development minimum .....</i>	<i>3 including:</i>
PE 160GS, Healthful Living .....	3 hours

<b>Professional Sequence .....</b>	<b>30 including:</b>
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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.*

<b>Endorsement .....</b>	<b>30</b>
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<b>Second Subject Endorsement, normally .....</b>	<b>30</b>
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*Should required hours of the second endorsement also meet other  
requirements, the total required hours may be reduced.*

<b>Minimum total hours required coursework .....</b>	<b>135</b>
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<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
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<b>Minimum total hours required for BAE/BSE in Psychology 7-12 Teaching Subject Endorsement .....</b>	<b>135</b>
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*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*, Physiological 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

<b>Minimum hours required for minor .....</b>	<b>24</b>
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## A. Requirements (15-16 hours required)

Take:

PSY 203GS, General Psychology .....	3 hours
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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 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
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
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**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.

## 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

### 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:

- Sociology Option - Bachelor of Arts Degree  
or Sociology Option - Bachelor of Science Degree
- 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:

- Geography Option - Bachelor of Arts Degree  
or Geography Option - Bachelor of Science Degree
- Geography and GIScience Option - Bachelor of Science Degree
- 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.

Offered by Department of Sociology, Geography and Earth Science  
Sociology Major

## 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..... 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. 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

### 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)

Offered by Department of Sociology, Geography and Earth Science  
Sociology Major

## Sociology Option

Bachelor of Science

NSS BS 6505

### 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 ..... 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

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 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 237, Sociological Inquiry .....3 hours

SOC 300, Sociological Theory.....3 hours

SOC 370, Sociological Research .....3 hours

SOC 468, Senior Seminar .....3 hours

#### 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, Community and Human Diversity .....3 hours

SOC 275, Social Psychology .....3 hours

Take 4 courses from SOC 300-SOC 488

##### 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

Offered by Department of Sociology, Geography and Earth Science  
Sociology Major

## Sociology 7-12 Teaching Subject Endorsement Option

Bachelor of Science in Education

NSS BSE 6504

### 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:
PSCI 110GS, Introduction to American Politics .....	3 hours
SOC 100GS, Introduction to Sociology .....	3 hours
Take any Economic Perspective GS course .....	3 hours
Personal Development minimum .....	3 including:
PE 160GS, Healthful Living .....	3 hours
<b>Professional Sequence.....</b>	<b>30 including:</b>
TE 319, Management and Assessment	
in K-12/Secondary Classrooms .....	2 hours
TE 320, Field Experience in Secondary Classroom .....	2 hours
<i>Students must apply for admission to all Teacher Education programs.</i>	
<b>Endorsement (in addition to General Studies).....</b>	<b>30</b>
<b>Second Subject Endorsement, normally.....</b>	<b>30</b>
<i>Should required hours of the second endorsement also meet other requirements, the total required hours may be reduced.</i>	
<b>Minimum total hours required coursework.....</b>	<b>135</b>
<b>Unrestricted electives in 125 hour program .....</b>	<b>0</b>
<b>Minimum total hours required for BSE</b>	
<b>in Sociology Teaching Subject Endorsement .....</b>	<b>135</b>
<i>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.</i>	
<b>A. Sociology Requirements (30 hours required)</b>	
<i>(3 hours may count as General Studies)</i>	
Take all of the following:	
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 with collective behavior emphasis from:	
SOC 369, Sociology of Gender .....	3 hours
SOC 442, Sociology of Religion .....	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
Take 1 course from:	
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>B. Sociology Supporting Courses (6 hours required)</b>	
<i>This Requirement can be met by selecting General Studies courses required by Teacher Education.</i>	
Take 6 hours from:	
<b>1. Economics:</b>	
ECON 100GS, Contemporary Economic Issues.....	3 hours
ECON 270GS, Principles of Economics,	
Macroeconomics .....	3 hours
ECON 271GS, Principles of Economics,	
Microeconomics .....	3 hours

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## 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
<i>(Prereq: GEOG 104GS or GEOG 106GS)</i>	
GEOG 340, Developing Nations .....	3 hours
<i>(Prereq: GEOG 104GS or GEOG 106GS)</i>	

## 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
<i>(Prereq: PSCI 300 or permission of instructor)</i>	
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
<i>(Prereq: PSY 203GS)</i>	
PSY 374, Psychology of Gender .....	3 hours
PSY 403, Psychology of Motivation .....	3 hours
<i>(Prereq: PSY 203GS)</i>	
PSY 410, Industrial Psychology .....	3 hours
<i>(Prereq: PSY 203GS)</i>	

## 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

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 Major

## Geography Option

Bachelor of Arts

NSS BA 5511

**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

**BA Language requirement..... a minimum of 6**

For specific language requirements see Bachelor of Arts Degree requirements.

**Major Option .....35****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.....110****Unrestricted electives in 125 hour program .....15****Minimum total hours required for BA 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 Studies 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**

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 ..... 3 including:**

STAT 241, Elementary Statistics.....	3 hours
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**Major Option .....32****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.....104****Unrestricted electives in 125 hour program .....21****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 Studies requirements.

Work closely with advisor.

Take 1 course from:

GEOG 300, Map Investigation.....	3 hours
GEOG 310, Cartography .....	3 hours
GEOG 315, Geographic Information Systems - Principles and Concepts.....	4 hours
GEOG 316, GIS - Working with GIS and Spatial Analysis....	3 hours
GEOG 317, Remote Sensing of Environment .....	3 hours

Take 3 hours from:

GEOG 410, Geographical Techniques and Thought .....	3 hours
GEOG 415, Internship .....	1-6 hours
GEOG 416, Applications of Geographic Information Systems..	3 hours
(Prereq: GEOG 315 or GEOG 316 or permission of instructor)	
GEOG 443, Special Topics in GIS, Spatial Analysis and Remote Sensing .....	3-4 hours

**B. Geography Requirements (9 hours required)**

Take 9 hours from GEOG 300-GEOG 499

Offered by Department of Sociology, Geography and Earth Science  
Geography Major

**Geography and GIScience Option**

Bachelor of Science NSS BS 5515

**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 ..... 3 including:**

STAT 241, Elementary Statistics.....	3 hours
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**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.....108****Unrestricted electives in 125 hour program .....17****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 (33 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



GEOG 310, Cartography .....	3 hours
GEOG 315, Geographic Information Systems - Principles and Concepts .....	4 hours
GEOG 316, GIS - Working with GIS and Spatial Analysis.....	3 hours
GEOG 317, Remote Sensing of Environment .....	3 hours
GEOG 416, Applications of Geographic Information Systems.....	3 hours
<i>*Coursework may fulfill some General Studies requirements. Work closely with advisor.</i>	

## 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

<i>Bachelor of Arts in Education</i>	NSS BAE 5506
<i>Bachelor of Science in Education</i>	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 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:*

Take 1 course from:

GEOG 101GS, Physical Geography I: 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
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## 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

## 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

**in Geography 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.*

## 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

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GEOG 106GS, Human Geography .....3 hours

GEOG 206GS, Geography of the United States  
and Canada ..... 3 hours |

GEOG 300, Map Investigation.....3 hours

GEOG 321, Economic Geography ..... 3 hours |

SOSC 370, Social Science of the High School.....3 hours

Take a minimum of 5 hours from any GEOG 300-GEOG 499

## 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 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
<b>AND</b> CHEM 250L, Elementary Organic Chemistry Laboratory..	
(Prereq: C grade in CHEM 161GS, CHEM 161LGS OR CHEM 180, CHEM 180L OR equivalent)	
CHEM 301, Analytical Chemistry .....	3 hours
<b>AND</b> CHEM 301L, Analytical Chemistry Laboratory.....	
(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 Sociology, Geography and Earth Science

### Geography Minor

MN 1056

**Minimum hours required for minor.....24**

#### A. Requirements (19 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)	

Offered by Department of Sociology, Geography and Earth Science

### GIScience Minor

MN 1137

**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 1 course from:

GEOG 104GS, World Regional Geography .....	3 hours
GEOG 106GS, Human Geography .....	3 hours

Take all of the following:

GEOG 310, Cartography .....	3 hours
GEOG 315, Geographic Information Systems - Principles and Concepts .....	4 hours
GEOG 316, GIS - Working with GIS and Spatial Analysis..	3 hours
GEOG 317, Remote Sensing of Environment .....	3 hours
GEOG 416, Applications of Geographic Information Systems..	3 hours

#### B. Electives (1 hour required)

Take any Geography Electives.....	1-3 hours
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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, Krael, 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.

### Department Objectives:

1. To provide premier undergraduate and graduate programs for the preparation of preservice teachers and the professional development of in-service teachers.
2. To encourage the habits of independent and lifelong learning among undergraduate- and graduate-level students.
3. To foster the development of effective and committed educators who are responsible, collaborative, and reflective. To this end, department undergraduate and graduate courses provide a broad knowledge base, applied skills, competencies, dispositions, and appropriate field and/or practicum experiences.

### 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.

- (Db) reflection: Demonstrates self-assessment abilities and adjusts/adapts teaching and learning strategies to enhance learning of all learners.
- (Dc) responsibility: Assumes accountability for professional and ethical behavior to promote a safe and supportive learning environment.

### ELEMENTARY EDUCATION MAJOR

Three options are available in this major:

- I. Elementary Education Teaching Field Endorsement Option - Bachelor of Arts in Education Degree
- II. Middle Grades Teaching Field Endorsement Option - Bachelor of Arts in Education Degree  
or Middle Grades Teaching Field Endorsement Option - Bachelor of Science in Education Degree
- III. Early Childhood Unified Teaching Field Endorsement Option - Bachelor of Arts in Education Degree

### SPECIAL EDUCATION MAJOR

Two options are available in this major:

- I. Mild/Moderate Disabilities K-6 Teaching Field Endorsement Option - Bachelor of Arts in Education Degree
- II. Mild/Moderate Disabilities 7-12 Teaching Field 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

Minors in Early Childhood Education and Special Education are available in the department.

Courses with the prefix LNSK, SPED, TE and TESE are offered by the department. See pages 228 (LNSK), 253 (SPED), 254 (TE), and 257 (TESE).

## Teacher Education Program Information

### Admission to Teacher Education

UNK students who are pursuing a program/degree that leads to initial teacher certification will begin the application process for admission to the Teacher Education Program during the semester that they complete Teacher Education 100 (TE 100). Transfer students who have taken the equivalent of TE 100 elsewhere will apply during their first semester at UNK. The Application for Admission Form is available 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) 865-8264.

Students must:

1. Complete all of the following courses with a grade of "C" (2.0 GPA) or better:  
ENG 101GS  
ENG 102GS  
SPCH 100 GS  
TE 100\*  
TE 204\* OR TE 206  
*\*Must meet required common assessments as presented in the class.*
2. Establish and maintain an overall UNK grade point average of 2.5 or higher.
3. Successfully complete (minimum scores are mandated by the Nebraska Department of Education) all three components of the PRAXIS I Skills Test (Reading, Writing, and Mathematics).
4. Satisfactorily complete the Community Service Learning Project (verified by the Office for Service Learning).
5. Obtain approval by the department(s) offering the proposed endorsement(s) a minimum of one **field** endorsement or two **subject** endorsements are required).

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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-student teaching 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 day 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, TE 464
  - Special Education 7-12 ..... TE 464, TE 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  
 Health and Phys. Ed., K-12  
 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**

**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

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TE 323, Partnerships with Families.....1 hour

TE 331, Intermediate Literacy.....3 hours

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

Take 1 hour from:

TE 313, Field Experience: Math.....0.5 hour

(Take 0.5 hour class twice)

**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 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 226, Elementary School Health Teaching.....1 hour

PE 340, Non-Rhythmic Physical Education.....1 hour

PE 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.*

## Middle Grades Teaching Field Endorsement Option

Bachelor of Arts in Education

ED BAE 2405

Bachelor of Science in Education

ED BSE 2405

*(Selection of Special Areas in Academic Concentration determines  
whether degree awarded is BAE or BSE; see B. Middle Grades Academic  
Concentration, below.)*

**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..... 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

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

*Mathematics, Statistics & Computer Science minimum... 3 including:*

Take 1 course from:

MATH 230, Concepts in Mathematics and Statistics.....3 hours

MATH 430, Middle School Mathematics.....3 hours

(Prereq: MATH 230)

*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 secondary 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)

PHYS 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 4011

Take all of the following:

BACC 250, Beginning Accounting I .....3 hours

(Prereq: MATH 102 or equivalent; sophomore standing)

BSAD 115, Introduction to Business.....3 hours

BSED 295, Business Communications .....3 hours

BSED 302, Automated Office Systems .....3 hours

BSED 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 4004

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

**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 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
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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.

**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

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TE 312, Math Methods II .....	2 hours
TE 313, Field Experience: Math .....	1 hour
(Take 0.5 hour class twice)	

**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 4010

Take all of the following:

PHYS 100GS*, 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)	



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)  
 SOSOC 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

Offered by Department of Teacher Education  
 Elementary Education Major

### Early Childhood Unified Teaching Field Endorsement Option

Bachelor of Arts in Education

ED BAE 2412

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:

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

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, Literary 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  
 (Take 0.5 hour class twice)

Take 1 hour from:

TE 345, Field Experience: Early Childhood Unified..... 0.5 hour  
 (Take 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, 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.....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

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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

*(for students without sufficient preparation at a higher level)*

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

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.*

**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

BSED 295, Business Communications .....3 hours

BSED 302, Automated Office Systems .....3 hours

BSED 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 .....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  
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)	

**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

\*Course possibly may fulfill General Studies requirement as well  
as Academic Concentration requirement. Consult advisor.

**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 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
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:

BIOL 471, 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
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 (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:

PSCI 140GS, Introduction to Comparative Politics .....	3 hours
PSCI 168GS, Introduction to International Relations .....	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.

**PSYCHOLOGY (18 hours required)**

Take all of the following:

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)	

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 .....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 ..... 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****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 .....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 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 Teacher Education

## Early Childhood Education Minor

MN 1012

**Minimum hours required for minor .....23****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 .....22****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)



## Professional Sequence for Bachelor of Arts in Education and Bachelor of Science in Education

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  
and the Preservice Teacher.....3 hours

Take 1 course from:

- TE 318, Management and Assessment  
in Preschool/Elementary Classrooms.....2 hours
- TE 319, Management and Assessment  
in K-12/Secondary Classrooms .....2 hours
- TE 472, Management and Assessment  
in Middle Level Classrooms.....2 hours  
(Coreq: TE 473)

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  
(Varies by program)
- TE 400, Student Teaching ..... 14 or 17 hours  
(Students pursuing double field endorsements complete 17 credit hours)

## Women's and Gender Studies Program

### 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

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Offered by Women's and Gender Studies Program

### Women's and Gender Studies Minor

MN 1138

**Minimum hours required for minor.....24**

#### 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, Victimology: 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
- 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
- JMC 425, Topics in Mass Media:  
Women, Minorities, and the Media .....3 hours  
(See advisor for approved topic.)
- MUS 247, Women Composers and Their Music:  
A Historical Approach .....3 hours
- PSY 374, Psychology of Gender .....3 hours
- SOC 201, Social Inequality.....3 hours
- 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)

# Courses

Offered by Department of Art and Art History  
College of Fine Arts and Humanities

## ART Courses

### ART 100GS - Art Structure.....3 hours

Prereq: none

Fundamental training in the basic art elements. Emphasis upon art materials and processes and the development of a basic art vocabulary. Recommended for non-art majors. (Materials fee \$5.00)

### ART 102 - Drawing I.....3 hours

Prereq: none

Fundamental training in the elements of composition and drawing. Work in a variety of drawing media. Two hours consecutively. (Materials fee \$15.00)

### ART 118 - Color and Design .....3 hours

Prereq: none

Study of basic art elements and principles. Practical experience in art as applied to everyday life. Recommended for students wanting fundamental art training. (Materials fee \$10.00)

### ART 120GS - Art Appreciation.....3 hours

Prereq: none

Development of major styles and periods as viewed from a global perspective. Significant masterpieces of diverse cultures are studied. Understanding of art as it relates to our own environment is stressed.

### ART 202 - Drawing II.....3 hours

Prereq: ART 102

Reinforcement of concepts studied in Drawing I introduction of abstraction, color, and problems of visualization will be studied. Two hours consecutively. (Materials fee \$15.00)

### ART 214 - Painting I.....3 hours

Prereq: ART 102, ART 118

This class introduces the student to processes and techniques common to oil and acrylic painting. The formal aspects of painting as well as content are examined. (Materials fee of \$20.00)

### ART 216 - Water Based Media .....3 hours

Prereq: ART 102, ART 118

Instruction in water based transparent and opaque mediums including watercolor, acrylic and goache. Emphasis on technique and originality. This course will serve as a prerequisite for Painting II.

### ART 218 - Introduction to Graphic Design .....3 hours

Prereq: ART 118

An introduction to basic design processes and communication principles. Emphasis involves the study, research, and evaluation of different methods to produce simple and functional 2D and 3D graphic translations. (Majors: graphic package required.) (Fee of \$20.00)

### ART 221 - Art History Survey I.....3 hours

Prereq: none

Introduction to basic concepts and styles in the history of Western art from prehistory to the sixteenth century, including the Italian Renaissance. The arts are related to their cultural context.

### ART 226 - Non Western Survey I:

#### Art in India, China and Japan.....3 hours

Prereq: ART 321\*

Survey of the artistic heritage of three major non-western traditions from approximately 1000 B.C. to the nineteenth century. Special emphasis

will be placed on art as a reflection of the religious and cultural developments of each country and time period.

### ART 228 - Creative Photography.....3 hours

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.....3 hours

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.....3 hours

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.....3 hours

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.....3 hours

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 .....3 hours

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..... 3-6 hours

Prereq: none

The study of the visual arts and culture of a region or country through travel and research.

### ART 280HGS - Special Topics .....3 hours

Prereq: none

A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

### ART 301 - Typography I.....3 hours

Prereq: ART 218\*, ART 305\*

Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative and functional investigations. Take concurrently with ART 305\*, ART 311\*. (Lab fee \$35.00)

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**ART 301M - Typography I.....3 hours**

Prereq: none

For Multimedia students. Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative and functional investigations. Take concurrently with ART 305M.

**ART 303 - History of Renaissance Art .....3 hours**

Prereq: ART 321\*

Study of works of art from the early and late Renaissance in Italy and Northern Europe.

**ART 304 - Computer Animation I.....3 hours**

Prereq: ART 305\*

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.

**ART 305 - Computers and Design.....3 hours**

Prereq: ART 218\*

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\*.

**ART 305M - Computers and Design.....3 hours**

Prereq: none

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\*.

**ART 310 - Art of Baroque and Rococo Era.....3 hours**

Prereq: ART 321\*

The Art of the Baroque and Rococo in Europe in the 17th & 18th Centuries. Major painting, sculpture and architecture will be studied. Aesthetic principles will be covered.

**ART 311 - Print Production.....3 hours**

Prereq: ART 218\*

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)

**ART 314A - Painting II .....3 hours**

Prereq: ART 102; ART 118; ART 214\* or ART 216\*

Students focus on clarifying rationales and procedures as they relate to the content of their work. (Materials fee of \$20.00)

**ART 314B - Painting III .....3 hours**

Prereq: ART 314A\*

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)

**ART 314C - Painting IV.....3 hours**

Prereq: ART 314B\*

Continuation of ART 314B. Students focus on clarifying rationales and procedures as they relate to the content of their work. (Materials fee of \$20.00)

**ART 318 - Graphic Design I .....3 hours**

Prereq: ART 301\*, ART 305\*, ART 311\*

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)

**ART Courses****183****09-10****ART 318M - Graphic Design I .....3 hours**

Prereq: ART 301M or ART 301\*; ART 305M or ART 305\*

For Multimedia students. 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)

**ART 319 - Design Illustration I.....3 hours**

Prereq: ART 305\*, ART 311\*

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)

**ART 321 - Art History Survey II.....3 hours**

Prereq: ART 221

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.

**ART 325 - History of Modern Art.....3 hours**

Prereq: ART 321\*

An examination of the major art movements in Europe and America from Post-Impressionism to the 1940's.

**ART 326 - History of American Art.....3 hours**

Prereq: ART 321\*

Study of the development of American art, its origins and the emergence of an American style.

**ART 330A - Ceramics II .....3 hours**

Prereq: ART 230

An intermediate level course for the ceramic studio major or minor. Advanced techniques for handbuilding and throwing are introduced. Examination of technology and chemistry of clay, glazes and specialized firing procedures are addressed. 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 330B - Ceramics III .....3 hours**

Prereq: ART 330A\*

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)

**ART 330C - Ceramics IV.....3 hours**

Prereq: ART 330B\*

A continuation of ART 330B 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)

**ART 335A - Printmaking II.....3 hours**

Prereq: ART 235\*

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)

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**ART 335B - Printmaking III.....3 hours**

Prereq: ART 335A\*

Continuation of ART 335A. 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)

**ART 335C - Printmaking IV.....3 hours**

Prereq: ART 335B\*

Continuation of ART 335B. 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)

**ART 344A - Glass II.....3 hours**

Prereq: ART 244

Forming molten glass creatively is very challenging and requires great dedication over long periods of time to master. Each class will result in higher levels of design and forming competencies which will also lead to more sophisticated techniques. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. (Materials fee of \$100.00)

**ART 344B - Glass III.....3 hours**

Prereq: ART 344A\*

Continuation of ART 344A. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. (Materials fee of \$100.00)

**ART 344C - Glass IV.....3 hours**

Prereq: ART 344B\*

Continuation of ART 344B. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. (Materials fee of \$100.00)

**ART 346A - Sculpture II.....3 hours**

Prereq: ART 246

Figure Study. This course will focus on the study of human anatomy as well as the creative interpretation of the human figure. Clay will serve as the primary medium of choice, although some mixed media concepts will also be encouraged. A study of the human figure will enhance the student's creative foundation whether pursuing a major in sculpture, graphic design, art education or other areas of fine arts. (Materials fee of \$100.00)

**ART 346B - Sculpture III.....3 hours**

Prereq: ART 346A\*

Plaster, Cement and Mixed Media. This course will introduce the use of plaster and cement as manipulation, fabrication and casting media. Armature construction and mold making will be taught along with a variety of finishing processes. The use of maquettes as a means to large or monumental sculpture concepts will also be taught. Other mixed media concepts will also be introduced. Creative originality and craftsmanship will be stressed. (Materials fee of \$100.00)

**ART 346C - Sculpture IV.....3 hours**

Prereq: ART 346B\*

Cast Metals. This course will focus on the lost wax process of casting metal sculpture. Bronze and aluminum are most commonly used, however, pewter, silver, gold and other castable metals may be used for small sculpture concepts. The sand casting process will also be introduced. Creative original concepts and good craftsmanship are stressed. (Materials fee of \$100.00)

**ART 351 - Typography II.....3 hours**

Prereq: ART 301\*, ART 305\*, ART 311\*

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)

**ART 352A - Drawing III.....3 hours**

Prereq: ART 252\*

An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development. (Materials fee \$15.00)

**ART 352B - Drawing IV.....3 hours**

Prereq: ART 352A\*

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)

**ART 352C - Drawing V.....3 hours**

Prereq: ART 352B\*

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)

**ART 355 - Electronic Imaging.....3 hours**

Prereq: ART 318\*

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.

**ART 355M - Electronic Imaging.....3 hours**

Prereq: ART 301M or ART 301\*; ART 305M or ART 305\*

For Multimedia students. 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.

**ART 360 - Elementary Art Methods.....3 hours**

Prereq: ART 100GS, non-art majors

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)

**ART 362 - Art Methods for Elementary Art Educators.....2 hours**

Prereq: admission to Teacher Education, art education majors only

Coreq: ART 365

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.

**ART 365 - Field Experience in PK-6 Art Classrooms.....1 hour**

Coreq: ART 362, admission to Teacher Education

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.

**ART 368 - Graphic Design II.....3 hours**

Prereq: ART 318\*, ART 319\*, ART 351\*

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)

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



**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 role so 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 Courses****185****09-10**

while investigating processes and techniques related to large format paintings. (Materials fee of \$15.00)

**ART 415 - Late Modern: Art Since the '50s .....3 hours**

Prereq: ART 321\*

An examination of contemporary directions in the visual arts since 1950. Special emphasis given to current trends in both Europe and the United States, including new modes such as video and environmental art.

**ART 418 - Graphic Design III .....3 hours**

Prereq: ART 368\*

An advanced exploration in visual communication design. Selected projects will emphasize theoretical research in semiotics. Students will be encouraged to experiment with different design processes and the integration of expressive forms, communicative functions, and effective applications of advanced computer technologies. Strong emphasis on originality, concept and portfolio pieces. (Lab fee of \$20.00)

**ART 422 - Women in Art.....3 hours**

Prereq: none

A chronological survey from the prehistoric era through the end of the twentieth century, analyzing women's artistic role in their societies and highlighting pertinent issues in each individual period.

**ART 425 - Critical Perspectives.....3 hours**

Prereq: 12 hours in art

Research into problems of aesthetic attitude and content.

**ART 430A - Ceramics V .....3 hours**

Prereq: ART 330C\*

Advanced level coursework for the ceramic studio major. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. 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 430B - Ceramics VI .....3 hours**

Prereq: ART 430A\*

Continuation of ART 430A. Advanced level coursework for the ceramic studio major. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. 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 430C - Ceramics VII.....3 hours**

Prereq: ART 430B\*

Continuation of ART 430B. Advanced level coursework for the ceramic studio major. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. 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 435A - Printmaking V .....3 hours**

Prereq: ART 335C\*

The print as a multiple original and edition printing is considered. Study with color printing processes may be explored. (Materials fee of \$55.00)

**ART 435B - Printmaking VI .....3 hours**

Prereq: ART 435A\*

Continuation of ART 435A. The print as a multiple original and edition printing is considered. Study with color printing processes may be explored. (Materials fee of \$55.00)

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**ART 435C - Printmaking VII .....3 hours**

Prereq: ART 435B\*

Continuation of ART 435B. The print as a multiple original and edition printing is considered. Study with color printing processes may be explored. (Materials fee of \$55.00)

**ART 440 - Special Problems in Art History ..... 1-3 hours**

Prereq: ART 321\*

Research on specific problems which may involve historical, philosophical, aesthetic or critical aspects of arts. Course by appointment.

**ART 444A - Glass V .....3 hours**

Prereq: ART 344C\*

These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lustres and sulfides will be introduced while improving on previous processes and techniques. (Materials fee of \$100.00)

**ART 444B - Glass VI .....3 hours**

Prereq: ART 444A\*

Continuation of ART 444A. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lustres and sulfides will be introduced while improving on previous processes and techniques. (Materials fee of \$100.00)

**ART 444C - Glass VII .....3 hours**

Prereq: ART 444B\*

Continuation of ART 444B. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lustres and sulfides will be introduced while improving on previous processes and techniques. (Materials fee of \$100.00)

**ART 446A - Sculpture V .....3 hours**

Prereq: ART 346C\*

This course will focus on the fabrication of metal sculpture concepts. Soldering, welding, riveting, adhesive bonding and mechanical fabrication will be introduced. Creative original concepts and good craftsmanship are stressed. (Materials fee of \$100.00)

**ART 446B - Sculpture VI .....3 hours**

Prereq: ART 446A\*

This course will focus on wood carving and wood assemblage and construction of sculpture. The proper use of wood power equipment such as saws, sanders and carvers will be taught. Creative original concepts and good craftsmanship will be emphasized. (Materials fee of \$100.00)

**ART 446C - Sculpture VII .....3 hours**

Prereq: ART 446B\*

This course will focus on the use of clay as a creative medium. Basic clay construction techniques will be taught while investigating ceramic formulae relative to size and surface considerations. Creative originality and good craftsmanship are stressed. (Materials fee of \$100.00)

**ART 450 - Special Topics ..... 1-9 hours**

Prereq: approval by department for students on the BFA program who have completed 30 hours of ART  
Independent study in Art and intensive study in a selected art field. (Materials fee varies with art field)

**ART 452A - Drawing VI .....3 hours**

Prereq: ART 352C\*

Advanced work with the elements of composition in a variety of drawing media. (Materials fee of \$15.00)

**ART 452B - 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 452C - 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 468 - Package Design .....3 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 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 \$60.00)

**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.)

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

## 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 corporations. 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: none

A study of the major federal laws and judicial decisions, and selected Nebraska laws and judicial decisions affecting personnel practices in the 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 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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

law, non-compete agreements, leases, e-commerce, intellectual property, operational liabilities, insurance, going public, and employment law.

### **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 - Advanced Accounting I .....3 hours**

Prereq: BACC 350\*

Special accounting topics relating primarily to the preparation of consolidated financial statements for accounting entities in a parent-subsidary relationship. Other topics include partnerships, the Securities and Exchange Commission and foreign currency transactions. Prior completion of BACC 351 is recommended. SP.

### **BACC 465 - 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 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.



**BFIN 316 - Insurance .....3 hours**

Prereq: none

An introduction to risk and risk management as they pertain to most types of personal insurance situations.

**BFIN 344 - Real Estate Principles .....3 hours**

Prereq: none

A study of the general principles used in real estate decision making. Topics include economic and ethical considerations, ownership, leases, marketing finance, appraisal, investments, legal issues related to contracts, agency, licensing, discrimination, and career alternatives. This course is approved by the Nebraska Real Estate Commission. F, SP, SU.

**BFIN 408 - Corporate Finance .....3 hours**

Prereq: BFIN 308\*

The study of financial management concepts with an emphasis on the theory and practical application of the investment and financing decision-making processes. F, SP.

**BFIN 422 - Financial Institutions .....3 hours**

Prereq: BFIN 480\*

The management of commercial bank and non-bank institutions with an emphasis on the lending and investing practices of these institutions. SP.

**BFIN 475 - Finance 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.

**BFIN 476 - Short-Term Financial Management .....3 hours**

Prereq: BFIN 308\*

The purpose of this course is to familiarize students with the principles and techniques of working capital analysis and management. Topics include inventory, accounts receivable and cash systems management, credit and collection systems, and payables and short-term financing analysis and management. F.

**BFIN 480 - Investments .....3 hours**

Prereq: BFIN 308\*, ECON 270GS

Theory and analysis of investment vehicles including stocks, bonds and money market investments. Analysis of portfolio construction. F.

**BFIN 482 - Case Studies in Financial Management .....3 hours**

Prereq: BFIN 408\*, BFIN 476\*, BFIN 480\*

Financial analysis and decision-making using advanced case studies of business and some specialized organizations. SP.

**BFIN 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.

Offered by Department of Biology  
College of Natural and Social Sciences

## BIOL Courses

**BIOL 101GS - X-treme Biology .....3 hours**

Prereq: none

This course focuses on the extreme biological changes happening in the

world currently. Events and processes such as global warming, human population pressures, synthetic chemicals in the environment, the human need for energy, and ongoing species extinctions are discussed. The scientific method and examples of scientific communication will be included in this course to allow students to see the world as researchers do. Current events, especially those with a human health or global impact component will be included to encourage interest and discussion. The course is designed for non-majors interested in biology and science. This course will be offered every semester.

**BIOL 103GS - General Biology .....4 hours**

Prereq: none

A study of basic biological principles including the organization and function of living systems including growth, development, metabolism, reproduction, and inheritance. A laboratory each week. Fee required. Offered Fall and Spring.

**BIOL 105GS - Biology I .....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

Plant and animal groups, their structure, relationships, ecology, classification, and evolution. Two hours of laboratory each week. Fee required. Offered Fall only.

**BIOL 106GS - Biology II .....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

A study of the fungi, protists, and bacteria. In addition, a study of the organization and function of living systems, including development, metabolism, reproduction, inheritance, and the basics of biotechnology. Two hours of laboratory each week. Fee required. Offered spring only.

**BIOL 109GS - Classroom Biology .....4 hours**

Prereq: none

Acquaints students with what science is and how science is performed. Students will use the scientific method to design and perform experiments, collect data, analyze results, and develop explanations. Basic biological principles including form and function, organization, and adaptation will be emphasized. A laboratory science course. Credit not to be applied to the Biology major or endorsement. Fee required. Offered Fall and Spring.

**BIOL 110 - Introduction to Epidemiology .....3 hours**

Prereq: none

An introductory survey of modern epidemiology including what epidemiology is, new discoveries, and how epidemiology affects our lives.

**BIOL 201 - Fundamental Tools for Biological Studies .....2 hours**

Prereq: none

This course will provide Biology students with guidance for laboratory and field studies, but also cover broader transferable skills required for scientific research. Students will learn how to design biological studies, formulate and test scientific hypotheses, develop and conduct experiments, write scientific papers in a scientific format, analyze data with basic statistical tools, and effectively present scientific information with written and oral forms of communication. Offered every Fall and Spring.

**BIOL 2092 - Opportunities in Biology .....1 hour**

Prereq: none

A review of job opportunities in Biology and closely related areas. Credit not to be applied to Biology major or endorsement. Offered once each year.

**BIOL 211GS - Human Microbiology .....4 hours**

Prereq: none

This 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



**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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**BIOL Courses****189****09-10****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

and genetic events occurring during the growth and maturation of living organisms. Three hours of laboratory each week. Offered Spring of odd-numbered years.

**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

Topics in Physiology

Topics in Geographic Information Systems

**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 emphases 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

<b>BIOL 465 - Physiology.....3 hours</b>	
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.	
<b>BIOL 468 - Parasitology .....3 hours</b>	
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.	
<b>BIOL 470 - Insect Biology .....3 hours</b>	
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.	
<b>BIOL 471 - Methods in Secondary Science Teaching .....3 hours</b>	
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.	
<b>BIOL 472 - Fresh Water Biology .....4 hours</b>	
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 factors 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.	
<b>BIOL 473 - Ornithology .....3 hours</b>	
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.	
<b>BIOL 474 - Mammalogy .....3 hours</b>	
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.	
<b>BIOL 475 - Internship in Biology ..... 1-15 hours</b>	
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.	
<b>BIOL 480 - Seminar.....1 hour</b>	
Prereq: at least 20 hours of biology 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.	
<b>BIOL 482 - Seminar in Molecular Biology .....1 hour</b>	
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	

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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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.	
<b>BIOL 485 - Molecular Genetics.....3 hours</b>	
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.	
Offered by Department of Management College of Business and Technology	
<b>BMGT Courses</b>	
<b>BMGT 230 - Managing Diversity in Organizations.....3 hours</b>	
Prereq: none	
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.	
<b>BMGT 233 - Business Statistics.....3 hours</b>	
Prereq: MATH 102* (if necessary) or MATH 120* or MATH 123*	
MATH 120* or MATH 123* are recommended. A study of basic statistical analysis of business and economic data demonstrating its use in making sound business decisions. F, Sp.	
<b>BMGT 301 - Principles of Management .....3 hours</b>	
Prereq: none	
An integrated study of the functions of a manager: planning, organizing, leading, and controlling. An in-depth look at various management theories. F, Sp.	
<b>BMGT 314 - Operations Management.....3 hours</b>	
Prereq: BMGT 233* or equivalent	
This course explores the transformation of materials, land, labor, and capital into goods and services. Quantitative management systems are applied to manufacturing and service processes. Students are expected to be computer literate. F, Sp.	
<b>BMGT 330 - International Management .....3 hours</b>	
Prereq: none	
This course provides an introduction to and overview of the theories, concepts, and practice of international business and management. Additionally, this course will expose students to the basic theories and concepts relating to international trade and globalization - issues of global economic, social, political, and cultural convergence and divergence.	
<b>BMGT 334 - Intermediate Statistics .....3 hours</b>	
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.	
<b>BMGT 355 - Organizational Behavior .....3 hours</b>	
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 emphases on motivation, leadership, conflict, and other aspects of organizational dynamics. Some sections use basic statistics and computer applications. F, Sp.	



**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 ..... 1-3 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.

**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 .....3 hours**

Prereq: BMGT 355

Provides the student an opportunity to study and research current issues in organizational behavior and to develop a futuristic philosophy of organizational management. F.

**BMGT 493 - Social Responsibilities of Business:****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 Courses

### **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.

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### **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 consumers. 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 498 - 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.

**BMIS 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.

Offered by Department of Marketing and Management Information Systems  
College of Business and Technology

## BMKT Courses

**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 456 - 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 and 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.

Offered by Department of Economics  
College of Business and Technology

**BSAD Courses****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: none

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**

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Offered by Department of Economics  
College of Business and Technology

**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 ....1 hour**

Prereq: none

This course will provide an overview of what type of information is available on Internet, how you can assess this information, and how use of the Internet can be incorporated in classroom and business environments.

**BSED 470 - Vocational Business Methods.....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.

Offered by Department of Economics  
College of Business and Technology

### BTE Course

#### 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.

Offered by Department of Communication Disorders  
College of 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 323 - 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.*



**CDIS 410 - Introduction to Audiology.....3 hours**

Prereq: CDIS 336

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.

**CHEM Courses**

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09-10

**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.)

Offered by Department of Chemistry  
College of Natural and Social Sciences

**CHEM Courses****CHEM 131 - The Science of Food.....3 hours**

Prereq: none

The course emphasizes general scientific concepts in biology, chemistry, and physics using food as a model. Students will learn what food is from both chemical and nutritional perspectives, and the fate of food from when it leaves the farm to when it becomes a part of the individual. The course should assist students in making intelligent decisions about many food related controversial issues (e.g., food irradiation, food additives, dieting and health foods).

**CHEM 145GS - Introductory Chemistry.....4 hours**

Prereq: none

Introductory course in the fundamental laws and principles of chemistry including a study of the properties of elements and their compounds. Three lectures, one laboratory each week. Credit for this course may be obtained by examination.

**CHEM 150GS - Introduction to Organic and Biochemistry ...4 hours**

Prereq: none

An introduction to fundamental concepts of chemistry with special attention to organic and biological chemistry. Applications of chemistry concepts in materials, energy use, nutrition, health, drugs, and toxic substances are emphasized. Not applicable to a major or minor in chemistry. Three lectures, one lab per week.

**CHEM 160GS - General Chemistry.....3 hours**

Prereq: MATH 102\* or Math ACT score of 20 or better  
or permission of instructor

The first semester of a comprehensive year course in chemistry that includes the principles and theories of modern chemistry. This course is designed for students who need a sound introduction to the discipline of chemistry, and it is the prerequisite for advanced chemistry courses. A student should have high school chemistry and/or two years of high school algebra before enrolling in this course. If this is not the case, take CHEM 145GS and MATH 101\* or MATH 102\* to prepare for chemistry at this level. Three lectures each week. Credit for this course may be obtained by examination.

**CHEM 160LGS - General Chemistry Laboratory.....1 hour**

Take concurrently with CHEM 160GS\*.

**CHEM 161GS - General Chemistry.....3 hours**

Prereq: C grade in CHEM 160GS\* and CHEM 160LGS

OR advanced placement

Second semester of the comprehensive year course in chemistry. Three lectures each week.

**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. Spring 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,

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**CJUS Courses**

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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.

Offered by Department of Modern Languages  
College of Fine Arts and Humanities

**CHIN Courses****CHIN 100GS - Beginning Chinese I .....5 hours**

Prereq: none

Introduction to Chinese language. Offered occasionally.

**CHIN 101GS - Beginning Chinese II .....5 hours**

Prereq: CHIN 100

Oral practice on topics related to daily life and to performing specific tasks. Offered occasionally.

Offered by Department of Criminal Justice and Social Work  
College of Natural and Social Sciences

**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



and problems in policing. Topics will include rights and responsibilities of the uniformed officer, patrol and manpower distribution theories, police unionism, ethics and corruption, community relations, and the police subculture as a distinct value system.

**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

A course intended to give students an applied research experience in the field of criminal justice.

**CJUS 310 - Community Based Corrections .....3 hours**

Prereq: CJUS 101GS

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 additions 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 statutes 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 215 and either 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**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.

Offered by Department of Computer Science and Information Systems  
College of Natural and Social Sciences

**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.

**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 passage, 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 280HGS - 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\*

Prereq or Coreq: CSIS 301\*

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 Consultanship ..... 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 428 - Data Communications and Distributed Processing .....3 hours**

Prereq: junior standing; CSIS 150\* or ITEC 345\* or permission of instructor

The study of network topology, protocols, management, and communication media. Evaluate present communication hardware, software, and future advancements in networking.

**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.



systems under the direction of a computer science/computer information systems faculty member. A written contract specifying topic and requirements is required before registering for the course. (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 495 - Independent Study in Computer Science/  
Information Systems..... 1-3 hours**

Prereq: CSIS 223\*, permission of department chair

This course provides the opportunity for students to conduct independent study on any computer science/computer information systems topic not covered by other regularly offered courses. The topic will be selected in consultation with and the study will be supervised by a computer science/computer information systems faculty member. A written contract specifying the topic and requirements is required before registering for the course. (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 496 - Seminar in Computer Science ..... 1-3 hours**

Prereq: CSIS 330\*

Provides experience and background that will prepare the student for an actual working environment. Reinforcement of previous classwork, enhancement of communication skills, and learning to work with people will be stressed. Primary tasks include a team-based computer science project and the study of ethics for computer science professionals. Should be taken in student's senior year.

**CSIS 497 - Seminar in Computer Information Systems .....3 hours**

Prereq: CSIS 380\*

Prereq or Coreq: CSIS 425\*

This course provides experience and background that will prepare the student for an actual working environment. Reinforcement and validation of knowledge gained in previous course work, enhancement of communication skills, and learning to work with people will be stressed. Primary tasks will include a team-based information systems development project and the study of ethics for computer information systems development. Should be taken in student's senior year.

**CSIS 499 - Special Topics in Computer Science  
& Information Systems .....3 hours**

Prereq: varies with topic

A course is designed to enable students to become knowledgeable of recent trends and issues in computer science and information systems. The course format varies depending on subject matter, instructor and student needs.

Offered by Department of Counseling and School Psychology  
College of Education

**CSP Courses**

**CSP 410 - Psychology of Classroom Discipline.....3 hours**

Prereq: none

Study of current models of classroom management psychology emphasizes the importance of teacher personality and interactive style in relation to classroom environment. A major focus is on the quality of the teacher/student relationship and kinds of interaction which enhance motivation and learning.

**CSP 417 - Counseling Skills .....3 hours**

Prereq: none

This class is for those entering or already in one of the helping professions. It focuses on understanding and applying a broad range of listening and communication skills in one-to-one interactions as well as in small group settings. Students actively practice building skills in class.

**CSP 418 - Introduction to Counseling .....3 hours**

Prereq: none

This class deals with the following issues related to counseling: historical 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.

**CSP 420 - Learning from Children .....3 hours**

Prereq: none

This course provides opportunity to study teaching/learning interactions in which the teacher is a child and the learner is an adult. There are direct observations of child/adult interactions, a brief study of class members' recollections of their own childhoods, and a study of neotenus (childlike) adults. The course will be graded credit/no credit, undergraduate/graduate credit.

**CSP 441 - Special Topics ..... 1-3 hours**

Prereq: none

This course addresses current issues related to counseling and school psychology. The course format varies depending on subject matter, instructor and student needs.

**CSP 499 - Independent Study ..... 1-2 hours**

Prereq: none

The student along with an advisor from the department will select an appropriate topic to be studied.

Offered by Department of Music and Performing Arts  
College of Fine Arts and Humanities

**DANC Courses**

**DANC 122GS - Dance Appreciation .....3 hours**

Prereq: none

Nonperformance course. Survey of dance as an art form from primitive dance through the ages of ballet, modern dance, and jazz; the media; methods of recording dance; hazards of the profession; problems of dance today. Lectures and discussions on anatomy, body alignment, and dance as art for the lay dance community.

**DANC 138 - Dance Techniques I (Fine Arts).....2 hours**

Prereq: none

For the student with little or no experience in dance. Basic principles: fundamentals of movement, proper alignment, flexibility, and rhythmic accuracy. Introduction to ballet and modern dance vocabulary with concentration on basic motor skills, skips, hops, triplets, prances, leaps and variations to develop coordination.

**DANC 139 - Dance Technique II (Fine Arts).....2 hours**

Prereq: DANC 138 or permission of instructor

A continuation of DANC138 with continued emphasis on flexibility and strength while attempting more difficult dance combinations.

**DANC 148 - Jazz Dance I.....1 hour**

Prereq: none

A course for the student with little or no experience in dance. Course consists of understanding rhythm, musicality, and style. Course also includes exercises developing isolation of body movement and body strength. A concurrent enrollment in DANC 138 is strongly recommended.

**DANC 149 - Jazz Dance II.....1 hour**

Prereq: DANC 148 or permission of instructor

A continuation of DANC 148 with further emphasis on strength and style. The student learns short movement phrases and begins to build these into longer movement patterns.

**DANC 236 - Tap Dance .....1 hour**

Prereq: permission of instructor

This course will explore the basic principles of tap dance technique

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



incorporating a wide range of music and specific vocabulary such as shuffleball-change, toe-hop-step, riffs, cramprolls, and wings. Tap shoes required.

**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: 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 349 - Dance Technique VI (Fine Arts) .....2 hours**  
Prereq: DANC 348\* or permission of instructor

A continuation of DANC 348 with further emphasis on style, technical accuracy and performance quality.

**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.

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

## ECON Courses

205

09-10

Offered by Department of Economics  
College of Business and Technology

## 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

and finance as they are related to business and public policy. A study of the creation of the nation's money supply and of the importance of monetary policies upon the performance of the economy.

**ECON 335 - Agricultural Marketing.....3 hours**

Prereq: ECON 271GS

An analytical and descriptive study of agricultural markets and marketing systems. This course will provide the student with knowledge of agricultural price determination, the use of futures and options for price discovery and risk management, and marketing institutions in agriculture.

**ECON 350 - Economics of the Agricultural Sector.....3 hours**

Prereq: ECON 270GS, ECON 271GS

All agribusinesses are impacted by factors external to the firm, such as weather, agricultural policy, macroeconomic events, economic policy, and changes in the legal environment. This course is designed to show how the agricultural and non-agricultural sectors are integral parts of the economy and to provide students with an understanding of the current economic environment, how this may change in the future, and how these factors impact agricultural production and agribusinesses. Course is required in the Agribusiness program but also serves as an elective for other business and non-business degree programs. Sp.

**ECON 365 - Quantitative Methods .....3 hours**

Prereq: ECON 270GS or ECON 271GS

A course to prepare the student with basic mathematical methods in the field of economics.

**ECON 380 - Tourism Economics.....3 hours**

Prereq: ECON 271GS

This course features an application of economic theory to the human activities of recreation and tourism. Microeconomics, macro-economics, and economic impact analysis will be packaged so that students might synthesize then apply this information to marketing, promotion, and economic development problems.

**ECON 385 - Environmental Economics.....3 hours**

Prereq: ECON 100GS or ECON 270GS or ECON 271GS

An economic analysis of the nature of pollution problems from cause to possible solutions. Critically evaluates the role of a market economy in preserving environmental quality.

**ECON 395 - Labor Economics.....3 hours**

Prereq: ECON 271GS

This course examines the organization, functioning, and outcomes of labor markets; the decisions of prospective and present labor market participants; and the public policies relating to the employment of labor resources.

**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

This course focuses on the problems faced by farm, ranch, and agribusiness managers, and the decision-making process used in achieving the business's objective of increasing profit or some other desired goal. Focusing on the application of economic principles to the decision making process, this course provides students with experience in decisions of how much, what, and how to produce; examination of how financial statements and budgeting techniques are used in decision making; and the application of risk analysis and management of risk through investment planning and analysis. F.

**ECON 410 - Health Care Economics.....3 hours**

Prereq: junior standing or above

An economic analysis of issues related to the provision of health care. Market issues, cost drivers, existing and proposed health care policy approaches are covered.

**ECON 415 - Agricultural Price Analysis .....3 hours**

Prereq: ECON 335\*; BMGT 233\* or STAT 241\*

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 .....3 hours**

Prereq: ECON 100GS or ECON 270GS or ECON 271GS

Introduction to the international economy: the theory of international trade, the balance of payments, economic growth and financial commercial policy.

**ECON 435 - Agricultural Finance .....3 hours**

Prereq: ECON 271GS, ECON 398\*, BACC 250\*

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. Sp.

**ECON 445 - Industrial Organization.....3 hours**

Prereq: ECON 271GS

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 465 - Economics of Transportation .....3 hours**

Prereq: ECON 271GS

Nature, role and regulation of transportation, and current economic, legal and policy problems in the field of transportation.

**ECON 475 - Internship..... 1-15 hours**

Prereq: ECON 270GS or ECON 271GS

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.....1 hour**

Prereq: ECON 300, senior standing

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..... 1-6 hours**

Prereq: none

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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

## ENG Courses

### 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 102GS - Expository Writing II .....3 hours

Prereq: ENG 101GS\* or English ACT score of 30 or above

A continuing study of composition with emphasis on intertextuality. Students learn to read texts in a variety of ways, to respond to those texts, to integrate voices from multiple sources into a single paper using standard citation conventions, and to find pertinent information through library research or interviews and to use it to create coherent and well-developed papers.

### ENG 110 - Writing Tutorial.....1 hour

Prereq: none

Offered by the Writing Center, this course is an individually structured sequence of assignments designed to improve students' writing. The assignments may be focused on particular skills, e.g. writing from sources or writing essay tests. Students may register through the ninth week of the semester.

### ENG 191 - Editing Skills .....1 hour

Prereq: none

Intended to review and/or acquaint students with the conventions of edited American English, equipping them to better edit their own writing; taught by graduate assistants assigned to the Writing Center.

### 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 215 - Introduction to Creative Writing for the Stage/Screen .....3 hours

Prereq: ENG 101GS\*, ENG 102GS\*

Study of the technique and materials of writing drama. Aim is to allow students to develop the skills necessary to create finished pieces of work for theatre, film or television and to give students the critical tools to read and assess dramatic scripts.

### 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

## ENG Courses

207

09-10

### 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



of individual words, syntactic relations among words, and the grammatical and/or social acceptance of linguistic constructions. The course also examines approaches to the study of grammar, from the prescriptive tradition to transformational-generative theories and beyond.

**ENG 311 - Advanced Writing I .....3 hours**

Prereq: ENG 102GS\*

A study of writing processes as they have been described by professional writers and rhetoricians. The purposes of this course are to familiarize students with various conceptions of the writing process, to introduce them to composition research methods, and to give them ample opportunity to investigate and experiment with various writing strategies.

**ENG 312 - Writing in the Professions .....3 hours**

Prereq: ENG 102GS\*

Applies writing skills to professional situations, with special emphasis given to audience analysis, collaborative writing, and technical document formats. Students study selected professional documents such as letters, memos, resumes, proposals, reports, and professional articles.

**ENG 320 - Creative Play/Script Writing .....3 hours**

Prereq: ENG 234GS or department permission

Formal differences of the drama and screenplay are studied extensively while writers also concentrate on the methods and principles of dramatic adaptation of literary narratives.

**ENG 330 - European Literature in Translation .....3 hours**

Prereq: ENG 234GS or department permission

This course will examine the writings of European writers in translation. The texts selected may range from classic to contemporary and represent a wide range of peoples and cultures.

**ENG 333 - Non-Western Literature in Translation .....3 hours**

Prereq: ENG 234GS or department permission

This course will examine the writings of non-Western authors in translation. Often, these authors dramatize the conflicts between traditional cultural beliefs and the effects of modern telecommunications, industrialization, and consumerism. The texts selected will represent a wide range of peoples and cultures responding to such developments as "globalization" and "post colonialism."

**ENG 336 - Ancient Literatures .....3 hours**

Prereq: ENG 234GS or department permission

Critical study of the uses of literary genres, in the Bible or in other ancient literatures (and in the subsequent literatures following a particular ancient form), with attention to both unity and diversity of voice, style, and structure.

**ENG 337 - Special Topics in Popular Literature .....3 hours**

Prereq: ENG 234GS or department permission

A study of popular literary taste as reflected in such genres as the detective story, science fiction, adult fantasy, and others.

**ENG 338 - Studies in a Literary Genre .....3 hours**

Prereq: ENG 234GS or department permission

Historical and/or critical study of a selected genre such as poetry, drama, the novel, the short story, autobiography, focusing on a variety of representative works in the literary genre being studied.

**ENG 352A - Survey of U.S. Literature I .....3 hours**

Prereq: ENG 234GS or department permission

An historical and critical study of major American writers to the mid-nineteenth century.

**ENG 352B - Survey of U.S. Literature II .....3 hours**

Prereq: ENG 234GS or department permission

An historical and critical study of major American writers from the mid-nineteenth century to the present.

**ENG 358 - Literature of the American West .....3 hours**

Prereq: ENG 234GS or department permission

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.

**ENG 359 - Contemporary American Multicultural Literature..3 hours**

Prereq: ENG 234GS or department permission

This course will examine "multiculturalism" and how it has impacted American literature. Readings will include philosophical, historical, and political approaches to multiculturalism. Students will read a wide variety of contemporary American ethnic literatures, including writings by Native American, African American, Hispanic American, and Asian American authors.

**ENG 360 - American Women Writers .....3 hours**

Prereq: ENG 234GS or department permission

Surveys American women's writings from early captivity narratives to contemporary avant-garde poetry.

**ENG 362A - Survey of British and Commonwealth Literature I..3 hours**

Prereq: ENG 234GS or department permission

An historical and critical study of major British and Commonwealth writers through the seventeenth century.

**ENG 362B - Survey of British and Commonwealth Literature II..3 hours**

Prereq: ENG 234GS or department permission

An historical and critical study of major British and Commonwealth writers beginning with the Restoration and eighteenth century.

**ENG 373 - Film as Literature.....3 hours**

Prereq: ENG 102GS\*

The study of film adaptation of short story. Students compare and contrast the verbal conventions of fiction with the visual conventions of film. The semester ends with the students collaborating on a screenplay.

**ENG 374 - History of the Motion Picture .....3 hours**

Prereq: ENG 102GS\*

The study of film adaptation of literary narratives. Students compare and contrast the narrative conventions of fiction with the visual language of the film.

**ENG 404 - History of the English Language .....3 hours**

Prereq: ENG 234GS or department permission

A survey of the origins and development of the English language, with special emphasis on modern methods of linguistic study.

**ENG 406 - Principles of Literary Criticism .....3 hours**

Prereq: ENG 234GS or department permission

The methods and principles of literary criticism with special attention to critical vocabulary and the various strategies of reading literary texts.

**ENG 411 - Advanced Writing II .....3 hours**

Prereq: ENG 102GS\*

A study of writing as a social act. Students study theoretical descriptions of rhetorical genre, audience, and situation. Besides writing papers that discuss these theories, students also practice writing in a situated rhetorical context and may be asked to work collaboratively.

**ENG 415 - Advanced Fiction Writing .....3 hours**

Prereq: ENG 214; ENG 215\* or ENG 217

Further study of the techniques of prose fiction, concentrating on stylistics. Student manuscripts, written for the course, will provide most of the examples for study. Contact department for permission to register.

**ENG 419 - Advanced Poetry Writing .....3 hours**

Prereq: ENG 217; ENG 214 or ENG 215\*

An advanced course in writing lyric poetry. Students concentrate upon their own style and subject matter. Contact department for permission to register.

\* 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 443 - Seminar in the American Renaissance.....3 hours**

Prereq: ENG 234GS or department permission

This seminar will examine selected literary issues from the early Nineteenth Century to the rise of realism.

**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 Courses****209****09-10****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.....3 hours**

Prereq: ENG 234GS or department permission

Advanced course in English Renaissance literature with some attention given to Continental influences. This course will cover various genres and authors and will include both Renaissance and modern criticism.

**ENG 466 - Literature of the English Restoration 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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

criticism, to familiarize students with recent developments in the field of composition and rhetoric, and to give them opportunities (1) to do research in the field by writing either a theoretical paper or a rhetorical criticism, or (2) to produce a professional-level document.

#### **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.

Offered by the Ethnic Studies Program  
College of Natural and Social Sciences

### **ETHS Courses**

#### **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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

Offered by Department of Modern Languages  
College of Fine Arts and Humanities

### **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.

## FREN Courses

**FREN 100 - Beginning French I** .....5 hours  
Prereq: none  
Elementary grammar, conversation, reading and composition in French.  
Offered in Fall.

**FREN 101 - Beginning French II** .....5 hours  
Prereq: FREN 100 or equivalent  
A continuation of FREN 100. Offered in Spring.

**FREN 102 - French for Travel** .....3 hours  
Prereq: none  
A course for renewing or gaining practical speaking skill in French for the prospective business person or traveler to French-speaking countries.  
Offered occasionally.

**FREN 175 - French Study Abroad I** ..... 3-6 hours  
Prereq: none  
A beginning level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 176 - French Study Abroad I** ..... 3-6 hours  
Prereq: none  
A beginning level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 200GS - Intermediate French I** .....3 hours  
Prereq: FREN 101\* or equivalent  
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world.  
Offered in Fall.

**FREN 201GS - Intermediate French II** .....3 hours  
Prereq: FREN 101\* or equivalent  
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world.  
Offered in Spring.

**FREN 275 - French Study Abroad II** ..... 3-6 hours  
Prereq: FREN 101\* or equivalent  
An intermediate level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 276 - French Study Abroad II** ..... 3-6 hours  
Prereq: FREN 101\* or equivalent  
An intermediate level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 303 - French Phonetics** .....3 hours  
Prereq: FREN 200-level courses  
Practice in developing native pronunciation with emphasis on correcting difficulties encountered by Americans.

**FREN 304 - Culture, Conversation, Composition** .....3 hours  
Prereq: FREN 201GS\*  
A study of contemporary French culture as a topic for improving students' proficiency in written and spoken French.

**FREN 305 - Study of French Civilization** .....3 hours  
Prereq: FREN 201GS\*  
French life, institutions and philosophies, intended as a background for further studies in French literature.

**FREN 333 - Commercial French** .....3 hours  
Prereq: FREN 201GS\*  
A course for students who wish to master the essential vocabulary and style specific to business in France and the Francophone world.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

## FREN Courses

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**FREN 337 - Seminar on French/Francophone Film** .....3 hours  
Prereq: FREN 201GS\*  
The study of a series of films produced in France and/or Francophone countries. Offered occasionally.

**FREN 354 - Survey of French Literature I** .....3 hours  
Prereq: FREN 201GS\*  
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.

**FREN 355 - Survey of French Literature II** .....3 hours  
Prereq: FREN 201GS\*  
Continuation of 354-a continuation of the study of important literary works, authors and movements in literature.

**FREN 357 - Seminar on Women in French/  
Francophone Literature** .....3 hours  
Prereq: FREN 201GS\*  
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.

**FREN 375 - French Study Abroad III** ..... 3-6 hours  
Prereq: FREN 201GS\* or equivalent  
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 376 - French Study Abroad III** ..... 3-6 hours  
Prereq: FREN 201GS\* or equivalent  
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 401 - Advanced Composition and Grammar Review**...3 hours  
Prereq: a 300-level FREN course or equivalent  
A thorough review of various kinds of French writing. (A requirement for all French majors.) Offered occasionally.

**FREN 414 - Advanced French Conversation**.....3 hours  
Prereq: FREN 201GS\* or equivalent  
An advanced course in French conversation designed to advance the student in oral proficiency. Contemporary cultural topics. Offered occasionally.

**FREN 420 - The French Novel I** .....3 hours  
Prereq: FREN 201GS\*  
The novel and study of its development in France (1600-1850).  
Offered occasionally.

**FREN 421 - The French Novel II** .....3 hours  
Prereq: FREN 201GS\*  
The study of the novel from 1850 to the present. (May be taken without 420.) Offered occasionally.

**FREN 460 - History of the French Language** .....3 hours  
Prereq: FREN 303\*, FREN 401\*  
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.

**FREN 470 - Seminar in French/Francophone Studies** .....3 hours  
Prereq: FREN 201GS\* or equivalent  
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.

**FREN 475 - French Study Abroad IV**..... 3-6 hours  
Prereq: a 300-level FREN course  
An advanced level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 476 - French Study Abroad IV..... 3-6 hours**

Prereq: a 300-level FREN course

An advanced level study of French language and culture taught in a French-speaking country. Offered in Summer.

**FREN 499 - Independent Studies in French..... 1-3 hours**

Prereq: approval by the department and instructor

Independent research under the direction of a faculty member. Students are not to take this course when a class course is available.

Offered by Department of Family Studies and Interior Design  
College of Business and Technology**FSID Courses****FSID 108GS - Space for Family Living.....3 hours**

Prereq: none

The social, physical and aesthetic aspects of the home environment, as it concerns the family during stages of the family life cycle.

**FSID 110GS - Introduction to Nutrition.....3 hours**

Prereq: none

Scientific basis of nutrition, nutrients and their functions, sources of deficiency diseases requirements and basic interrelationships of nutrients. Nutrition throughout the life cycle.

**FSID 122 - Architectural Drafting and Design.....3 hours**

Prereq: none

Beginning college level introduction to design graphics as it applies to the architecture and interior design professions. An introduction to computer aided drafting and design will be included. Intended for the student with little or no experience with drafting. (Studio fee \$15.00)

**FSID 128 - Application of Basic Design to Interior Design....3 hours**

Prereq: ART 118

Application of basic 2-dimensional design principles of scale, proportion, balance, rhythm, emphasis, harmony, variety and elements space, line, mass, shape, texture, and color to Interior Design projects. Application of basic 3-dimensional design elements and principles to development of the spatial envelope including volumes of space, visual continuity and balance, visual passages, and interconnecting elements.

**FSID 150 - Lifespan Development and the Family.....3 hours**

Prereq: none

This course is designed to facilitate an initial, critical understanding of human development. Various aspects, themes, and influences of development are examined across the lifespan, with particular emphasis placed on the familial, cultural, cognitive, theoretical and physical aspects of the ever developing human.

**FSID 151GS - Human Sexual Behavior.....3 hours**

Prereq: none

A course designed to help the individual to understand himself as a whole person so that he relates to others in a healthy, constructive and meaningful manner. Evaluation of one's own values in relation to life-style and the value structure of society.

**FSID 160GS - Personal Money Management .....3 hours**

Prereq: none

Fundamentals of personal finance: budgeting, banking, life insurance, accident, health, and casualty insurance, investments, taxes, and social security. F, Sp.

**FSID 200 - Textiles .....3 hours**

Prereq: none

Weaves, yarns, fibers and finishes with reference to selection and care of fabrics for residential and commercial interior design.

**FSID 207 - History of Interiors I.....3 hours**

Prereq: none

The evolution and heritage of interiors and furnishings from antiquity through 1900.

**FSID 208 - Interior Design Graphics .....3 hours**

Prereq: FSID 108GS, FSID 122, FSID 128\*, ART 118

Principles and techniques of pencil and marker rendering as they apply to Interior Design plans, perspectives, isometrics, and axonometrics. Includes techniques of perspective, isometric, and axonometric drawing as applied to Interior Design. Introduces integration of 3D computer graphics with pencil and marker rendering.

**FSID 209 - History of Interiors II.....3 hours**

Prereq: FSID 207

The evolution and heritage of interiors and furnishings from 1900 to present.

**FSID 250 - Infant Development.....3 hours**

Prereq: none

A study of growth and development, principles of guidance, and care of children from conception through two years of age including changing concepts affecting parenthood.

**FSID 253 - Child and Adolescent Development.....3 hours**

Prereq: none

A study of the growth, maturational and developmental characteristics of children from early childhood through adolescence. Principles, examples and practical issues involved in the guidance of children through childhood through adolescence as they traverse various stages of psycho-social, cognitive and physical development.

**FSID 260 - Application of CAD for Interior Design .....3 hours**

Prereq: FSID 122

The study and application of kitchen and bath and interior design specific CAD software to interior design problems. Includes integration of design data among differing CAD software programs and presentation software. Application of presentation software incorporated in presentation of design solutions. (Studio fee \$20.00)

**FSID 265 - Application of CAD for Construction Documents..3 hours**

Prereq: FSID 122, FSID 260\*

Application of CAD to Interior Design construction drawings, including floorplans, mechanical plans, construction plans, demolition plans, sections, details, furniture plans, finish plans, power and telephone plans, reflected ceiling plans, elevations, and schedules. (Studio fee \$30.00)

**FSID 280 - Field Experience: Diversity in the Profession .....2 hours**

Prereq: none

The experience provides the student with an introduction to the diverse work world of Family Studies. It is designed to help the student to focus on a particular area in career preparation.

**FSID 302 - Parent Education.....3 hours**

Prereq: none

Analysis of the major problems relative to parent education. Synthesis of child-rearing practices, parent-child relationships and perceptions of attitudes and values.

**FSID 305 - Residential Kitchen and Bath Design .....3 hours**

Prereq: FSID 128\*, FSID 208\*, FSID 260\* OR permission

The study and application of the National Kitchen and Bath Association's Guidelines of Planning Standards and Safety Criteria for residential kitchens and bathrooms including Universal Design concepts. Includes the study and selection of kitchen and bath materials, equipment, and cabinetry. Computer aided Kitchen and Bath design software is introduced.

**FSID 306 - Theory and Application of Lighting  
and Acoustic in Interior Design .....3 hours**

Prereq: FSID 208\*, FSID 265\*

The study of the theory and application of artificial light sources and

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



acoustics in architecture interiors. Includes a study of the relationship of light and color and the fundamentals of sound transmission, absorption, and control as it relates to interior environments. Residential and contract lighting is selected to meet specific needs and create a variety of planned effects. Integrates CAD.

**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 Courses**

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**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: FSID 401\*

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 CKD, 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.

**FSID 481 - Cross-Cultural Family Patterns .....3 hours**

Prereq: none

Comparative research of familial behavior and structural patterns of various cultures. Analysis and evaluation of the impact of differing cultures on societal and family interactions.

**FSID 486 - Families in Crisis.....3 hours**

Prereq: FSID 351GS, junior standing

This course enables Family Studies and other service and social support-oriented students to understand the trauma and recovery process associated with normative and catastrophic family crisis.

**FSID 490 - Special Problems in Family Studies and Interior Design .....3 hours**

Prereq: none

For Family Studies and Interior Design professionals who wish to update their understanding of accepted educational procedures and practices.

**FSID 492 - Advanced Developmental Theory.....3 hours**

Prereq: senior standing

Seminal as well as current developmental theories will be examined in depth. Particular emphasis will be placed on the most influential theories and their relevance to infant, child, and adolescent development. Prior completion of FSID 150, FSID 250, and FSID 253 is highly recommended.

Offered by Department of Sociology, Geography and Earth Science  
College of Natural and Social Sciences

**GEOG Courses****GEOG 101GS - Physical Geography I: The Atmosphere .....4 hours**

Prereq: none

This course is an introduction to physical geography with an emphasis on the atmosphere and vegetation of the Earth. including solar energy, seasons, the processes of weather and climate, the hydrologic cycle, regional and global climate change, ecosystem functions, and patterns of plant distribution on the physical landscape. The course also considers human impacts on the atmosphere, the oceans, and the land. Three (3) hours of lecture and two (2) hours of lab each week. Offered in Fall.

**GEOG 102GS - Physical Geography II: The Lithosphere.....4 hours**

Prereq: none

This course is an introduction to physical geography with an emphasis on the geologic framework of the earth and the various atmospheric/gradational processes which interact to produce the physical landscape. The course also considers weathering, erosional and depositional processes and the landforms produced by running water, glacial ice, wind and waves as well as to the effects of human interaction with these processes. Three (3) hours of lecture and two (2) hours of lab each week. Offered in Spring.

**GEOG 103GS - The Dynamic Planet:****Hazards in the Environment.....3 hours**

Prereq: none

This course investigates natural hazards associated with atmospheric, hydrologic, and geologic processes and their impacts on human society. Topics include periodic natural processes that create hazards to human activity, human perceptions of natural hazards, hazard avoidance, disaster prevention, and social mechanisms for coping with natural disasters.

**GEOG 104GS - World Regional Geography .....3 hours**

Prereq: none

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.

**GEOG 106GS - Human Geography .....3 hours**

Prereq: none

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.

**GEOG 206GS - Geography of the United States****and Canada.....3 hours**

Prereq: none

This course focuses on the study of physical, economic, political, historical, and cultural processes within the United States and Canada. Approximately fifteen distinct regions are identified for examination, based on individual natural and social characteristics. This course is in the Social and Behavioral Sciences section of the General Studies Program.

**GEOG 207GS - Physical Geology .....3 hours**

Prereq: none

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.

**GEOG 209GS - Meteorology .....3 hours**

Prereq: MATH 102\* or permission of instructor

The course considers the basic principles of weather including a study of the atmosphere's origin, composition, circulation patterns, energy budget and its role in the hydrologic cycle. Topics include: instruments for observation, precipitation process, wave cyclones, jet streams, weather forecasting, weather modification and applications of meteorology to air pollution, agriculture and aviation.

**GEOG 256 - Geology Field Study .....1 hour**

Prereq: none

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.

**GEOG 300 - Map Investigation .....3 hours**

Prereq: none

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.

**GEOG 301 - Geography of Soils.....3 hours**

Prereq: GEOG 102GS or GEOG 207GS

An introductory analysis of various aspects of soil science. Topics will include: soil formation, morphology, classification, distributional patterns, and agricultural aspects of soil science.

**GEOG 306 - Geomorphology.....3 hours**

Prereq: GEOG 102GS or GEOG 207GS

Systematic analysis of the processes interacting on the surface of the earth which produce the variety of landforms and structures of the landscape.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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 geographic 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.

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

**GEOG Courses**

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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.

**GERM 100 - Beginning German I .....5 hours**

Prereq: none

Elementary course dealing with basic vocabulary, grammar and conversation. Offered in Fall.

**GERM 101 - Beginning German II .....5 hours**

Prereq: GERM 100 or equivalent

Continuation of 100 on a more advanced level. Offered in Spring.

**GERM 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.

**GERM 103 - German for Business .....3 hours**

Prereq: none

A course designed by the instructor for specific professions (teachers, nurses, policemen, merchants, etc. ) to emphasize the essentials of their specific vocabulary and to aid them in dealing with foreign language speakers both in Nebraska and abroad. Often this course is a sequel to GERM 102, a language course for travelers. Offered occasionally.

**GERM 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.

**GERM 176 - German Study Abroad I..... 3-6 hours**

Prereq: none

A beginning level study of German language and culture taught in a German-speaking country.

**GERM 200GS - Intermediate German I .....3 hours**

Prereq: GERM 101\* or equivalent

Grammar review, reading for understanding, conversation and composition practice. Offered Fall Semester.

**GERM 201GS - Intermediate German II .....3 hours**

Prereq: GERM 101\* or equivalent

Grammar review, reading for understanding, conversation and composition practice. Offered Spring Semester.

**GERM 203 - Commercial German .....3 hours**

Prereq: GERM 200GS\*, GERM 201GS\*

This course is for students who wish to master the essential vocabulary and style specific to German business. Offered occasionally.

**GERM 204GS - Culture, Conversation and Composition .....3 hours**

Prereq: GERM 101\* or equivalent

Practice through oral and written exercises in perfecting skills of speaking and writing the German language.

**GERM 275 - German Study Abroad II..... 3-6 hours**

Prereq: GERM 101\* or equivalent

An intermediate level study of German language and culture taught in a German speaking country.

**GERM 276 - German Study Abroad II..... 3-6 hours**

Prereq: GERM 101\* or equivalent

An intermediate level study of German language and culture taught in a German speaking country.

**GERM 301 - Novelle.....3 hours**

Prereq: GERM 201GS\* or equivalent

The development of the Novelle, important writers and their works. Offered occasionally.



<b>GERM 302 - Phonetics and History of German.....3 hours</b> Prereq: GERM 200GS* or equivalent A theoretical and practical study of the German sound system and the historical development of the language.	
<b>GERM 303 - Advanced German Grammar .....3 hours</b> Prereq: GERM 201GS* or equivalent A thorough grammar review especially helpful to future teachers of German. Offered in Fall of even-numbered years.	
<b>GERM 304 - Advanced Composition and Conversation I .....3 hours</b> Prereq: GERM 201GS* or equivalent Advanced course designed to take the student beyond functional abilities of the intermediate level. Offered occasionally.	
<b>GERM 305 - German Civilization .....3 hours</b> Prereq: GERM 201GS* or equivalent German life, institutions, and ideas as a background for further study of literature. Offered occasionally.	
<b>GERM 306 - Contemporary German-Speaking Culture.....3 hours</b> Prereq: GERM 201GS* or instructor permission Study of political, social, economic and cultural life in modern German-speaking countries.	
<b>GERM 333 - Commercial German .....3 hours</b> 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.	
<b>GERM 337 - Seminar on German Film .....3 hours</b> Prereq: GERM 201GS* The study of German-speaking film. Offered occasionally.	
<b>GERM 339 - Modern German Literature .....3 hours</b> Prereq: GERM 201GS* or equivalent Representative 19th, 20th, and 21st Century writers and their major works. Offered occasionally.	
<b>GERM 354 - Survey of German Literature .....3 hours</b> Prereq: GERM 201GS* or equivalent Chronological survey of periods and major authors in German literature. Offered occasionally.	
<b>GERM 357 - Seminar on Women in German Literature.....3 hours</b> 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.	
<b>GERM 375 - German Study Abroad III..... 3-6 hours</b> Prereq: GERM 201GS* or equivalent An intermediate high level study of German language and culture taught in a German-speaking country.	
<b>GERM 376 - German Study Abroad III..... 3-6 hours</b> Prereq: GERM 201GS* or equivalent An intermediate high level study of German language and culture taught in a German-speaking country.	
<b>GERM 400 - German Drama .....3 hours</b> Prereq: GERM 201GS* or equivalent Study of German-speaking theatre and its authors to 1900. Offered occasionally.	
<b>GERM 401 - Contemporary German Drama .....3 hours</b> Prereq: GERM 201GS* or equivalent Study of German-speaking theatre and its authors after 1900. Offered occasionally.	

<div> <div>217</div> <div>HIST Courses</div> <div>09-10</div> </div>	
<b>GERM 403 - German Novel .....3 hours</b> Prereq: GERM 201GS* or equivalent A survey of the development of the novel and a study of writers and their principal works. Offered occasionally.	
<b>GERM 414 - Advanced Composition and Conversation II .....3 hours</b> Prereq: GERM 201GS* or equivalent Oral and written advanced level German. Intensive use of idiomatic expressions and conversational patterns. Offered occasionally.	
<b>GERM 425 - Modern German Poetry .....3 hours</b> Prereq: GERM 201GS* or equivalent Twentieth Century poetry and poets of German-speaking countries. Offered occasionally.	
<b>GERM 450 - Goethe and His Times .....3 hours</b> Prereq: GERM 201GS* or equivalent Plays, prose, and poetry in Goethe's time. Offered occasionally.	
<b>GERM 470 - Seminar in German Studies .....3 hours</b> 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.	
<b>GERM 475 - German Study Abroad IV ..... 3-6 hours</b> Prereq: a 300-level German course An advanced level study of German language and culture taught in a German-speaking country.	
<b>GERM 476 - German Study Abroad IV ..... 3-6 hours</b> Prereq: a 300-level German course An advanced level study of German language and culture taught in a German-speaking country.	
<b>GERM 499 - Independent Studies in German ..... 1-3 hours</b> 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.	
<div> <div>Offered by Department of History College of Natural and Social Sciences</div> <div>HIST Courses</div> </div>	
<b>HIST 156 - Regional Field Study..... 1-3 hours</b> Prereq: none Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world.	
<b>HIST 210GS - Western Civilization .....3 hours</b> Prereq: none A brief survey of ancient Near Eastern civilization, history of Greek and Roman peoples, feudalism, medieval church, crusades, Renaissance and Reformation.	
<b>HIST 211GS - Western Civilization .....3 hours</b> Prereq: none The Age of Absolute Monarchy, the French Revolution and Napoleon, Age of Nationalism and the two World Wars.	
<b>HIST 212GS - Non-Western World History .....3 hours</b> 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 405 - The Plains Indians .....3 hours**

Prereq: none

This course will examine the major tribes of the Great Plains from their earliest occupation on the plains to the present day. While we will examine archaeological, anthropologic, and ethnographic materials, the emphasis will be on the historical record of the late eighteenth, nineteenth, and twentieth centuries. We will examine Indian-White relations as well as the development of Native American societies.

**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 the evolution 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.

<b>HIST 433 - The National Period, 1800-1850 .....</b>	<b>3 hours</b>
Prereq: none	
Explores the expansion and development of the American nation from the Louisiana Purchase through the Mexican-American War.	
<b>HIST 439 - Pre-Hispanic and Colonial Latin America .....</b>	<b>3 hours</b>
Prereq: none	
Political, social, economic, and cultural dynamics of Amerindian civilizations and colonial Latin America up to independence.	
<b>HIST 441 - Modern Latin America.....</b>	<b>3 hours</b>
Prereq: none	
Examination of political, cultural, social, and economic dynamics of Latin American nations and region from independence to present.	
<b>HIST 445 - The Civil War and Reconstruction.....</b>	<b>3 hours</b>
Prereq: none	
Causes leading to the Civil War, the war itself, and the attempt to reunify the social, economic, and political framework of America.	
<b>HIST 450 - Variable Topics in Latin American History.....</b>	<b>3 hours</b>
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.	
<b>HIST 451 - Comparative Colonialism: Asia and Africa.....</b>	<b>3 hours</b>
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.	
<b>HIST 452 - Colonial India.....</b>	<b>3 hours</b>
Prereq: none	
This course will examine the major social, cultural and political forces that helped create colonial India.	
<b>HIST 453 - Modern India.....</b>	<b>3 hours</b>
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.	
<b>HIST 455 - Comparative Studies in Ethnic Conflict.....</b>	<b>3 hours</b>
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.	
<b>HIST 456 - Regional Field Study.....</b>	<b>1-4 hours</b>
Prereq: none	
Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world.	
<b>HIST 457 - British Empire.....</b>	<b>3 hours</b>
Prereq: none	
The rise and expansion of the British Empire from its earliest beginnings to the present.	
<b>HIST 458 - Great Plains Studies .....</b>	<b>1-3 hours</b>
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."	
<b>HIST 459 - European Expansion and Exploration .....</b>	<b>3 hours</b>
Prereq: none	
The motivations for European expansion and 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.	

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

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<b>HIST 461 - Renaissance and Reformation.....</b>	<b>3 hours</b>	
Prereq: none		
The political, economic, religious and social development of Europe from the Crusades through the era of the European Reformation.		
<b>HIST 462 - Seventeenth and Eighteenth Century Europe.....</b>	<b>3 hours</b>	
Prereq: none		
History of Europe from the Thirty Years' War to the French Revolution with special emphasis on the Enlightenment.		
<b>HIST 463 - French Revolution and Napoleon.....</b>	<b>3 hours</b>	
Prereq: none		
The causes of the French Revolution and the political, social, and intellectual impact of the Revolution upon western Europe.		
<b>HIST 471 - History of the Pacific Rim.....</b>	<b>3 hours</b>	
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.		
<b>HIST 473 - American Constitutional History I .....</b>	<b>3 hours</b>	
Prereq: none		
Constitutional history of the United States to 1860.		
<b>HIST 474 - American Constitutional History II .....</b>	<b>3 hours</b>	
Prereq: none		
Continuation of History 473. Period covered is from 1860 to the present.		
<b>HIST 475 - Internship in History .....</b>	<b>1-9 hours</b>	
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.		
<b>HIST 477 - American Thought and Culture, 1620-1865 .....</b>	<b>3 hours</b>	
Prereq: none		
Examines the origins and development of American social, political, and religious ideas through the Civil War.		
<b>HIST 478 - American Thought and Culture, 1865-1990 .....</b>	<b>3 hours</b>	
Prereq: none		
Examines the origins and development of American social, political, and religious ideas after the Civil War.		
<b>HIST 479 - Nebraska and the Great Plains History.....</b>	<b>3 hours</b>	
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.		
<b>HIST 481 - North American Frontiers, 1500-1850.....</b>	<b>3 hours</b>	
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.		

**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 ethnic 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 488 - Nineteenth Century Europe.....3 hours**

Prereq: none

The period from the French Revolution and Napoleon to World War I.

**HIST 489 - 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 490 - Twentieth Century Europe.....3 hours**

Prereq: none

Cultural and political aspects of the history of Europe since World War I.

**HIST 492 - Soviet Russia.....3 hours**

Prereq: none

The 1917 revolution and the development of the Soviet state with an emphasis on domestic policies.

**HIST 493 - 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.

Offered by Health Science Programs  
College of Natural and Social Sciences

**HSCI Courses****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.



obligations associated with careers in the health sciences as a dentist. The student spends 36-40 clock hours with a working professional dentist 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 125E.

**HSCI 125F - Orientation to Radiography .....1 hour**

Prereq: none

Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a radiographer (radiologic technologist). The student spends 36-40 clock hours with a working professional radiographer 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 160LGS, 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

## HSCI Courses

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09-10

**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

To provide health science students with a meaningful experience in a medical setting to help the student gain a better grasp of health care professions and the responsibilities associated with those professions, as well as the practical, legal, and ethical concerns related to these professions.

**HSCI 130 - Opportunities in the 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

growing diverse population through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.

#### **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.

Offered by the International Studies Program  
College of Fine Arts and Humanities

#### **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.

Offered by Department of Industrial Technology  
College of Business and Technology

#### **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 114 - Introduction to Industrial Distribution.....2 hours**

Prereq: none

Definition, history, types of, range of products, lines of distribution, function of manufacturers, distributors, operations, measures of effectiveness, employment and advancement opportunities.

#### **ITEC 120 - Engineering Design Graphics.....4 hours**

Prereq: none

The course is designed as a beginning college level introduction to the use of design graphics and computer modeling for the purpose of solving technical problems. Materials Fee.

#### **ITEC 122 - Architectural Drafting & Design.....3 hours**

Prereq: none

This course is designed to meet the needs of the Family and Consumer Science major with an emphasis in Interior Design. Specific methods applicable to the major's degree program and an introduction to computer aided drafting and design are included.

#### **ITEC 130 - Technology Today .....3 hours**

Prereq: none

This 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 .....3 hours**

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 pilotage, 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 Courses**

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09-10

**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 statutes, 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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



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

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 466 - Technology Education in the Elementary/ Middle School Classroom .....3 hours**

Prereq: none

Designed to provide elementary teachers and technology education majors with information, methods, techniques and skills necessary to integrate technology activities into the elementary education core curriculum.

**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 must involve 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 problems 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.

Offered by Department of Modern Languages  
College of Fine Arts and Humanities

### 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.

Offered by Department of Communication  
College of Fine Arts and Humanities

### 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 250 - Electronic Cinematography .....2 hours

Prereq: none

The purpose of this course is to introduce students to storytelling techniques using video and audio as the media. Students will be introduced to scriptwriting and storyboarding and will shoot and edit video to produce a short movie.

#### JMC 265 - Video Production .....3 hours

Prereq: none

An introduction to the techniques and theory of video production as they apply to the broadcast and non-broadcast industries. Primary emphasis will be on single-camera field production techniques and non-linear editing. Students pay \$20 lab fee.

#### JMC 300 - Website Design .....3 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 301 - Web Site Design II.....3 hours

Prereq: JMC 300 or permission of instructor

This course, a continuation of JMC 300, explores current technologies available for web site development such as cascading style sheets, JavaScript, java applets, Ajax, XHTML and XML. Multimedia formats for audio and video files are covered. Information in relation to CGIs, forms, and content management systems are introduced. In addition, social implications, accessibility, and legal responsibilities are investigated.

#### JMC 303 - History of Press in America .....3 hours

Prereq: none

Study of primary materials to see how the media acted or reacted, altered or was altered by events and issues of American social, economic and political history.

#### JMC 304 - Flash Design .....3 hours

Prereq: none

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 perform 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 .....2 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 .....1-3 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.

participate in the program. Complete information is available in the Communication Department office.

**JMC 498 - 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.

Offered by College of Education

**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.

Offered by Department of Mathematics and Statistics  
College of Natural and Social Sciences

**MATH Courses**

**MATH 090 - Elementary Algebra.....3 hours**

Prereq: none

Placement:  $ACT \leq 16^{**}$

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:  $17 \leq ACT \leq 19^{**}$  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:  $ACT \geq 20^{**}$  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:  $ACT \geq 22^{**}$  and 2 years of high school algebra

Study of trigonometric functions.

**MATH 104 - Concepts in Mathematics and Statistics .....3 hours**

Prereq: MATH 101\*

Placement:  $ACT \geq 20^{**}$  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:  $ACT \geq 17^{**}$  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:  $ACT \geq 23^{**}$  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:  $ACT \geq 22$  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:  $ACT \geq 22^{**}$  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:  $ACT \geq 25^{**}$  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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



Placement: ACT  $\geq 20^{**}$  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  
 A continuation of 202. Vector calculus, partial derivatives and multiple integrals.

**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 detail 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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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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.

*\*\* 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.*

Offered by the Military Science Program  
 College of Business and Technology

## 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.

**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: MLSC101 or MLSC102\* 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: permission of instructor

Conduct self-assessments of leadership style, develop a personal fitness regimen, and plan and conduct individual/small unit tactical training, while testing reasoning and problem solving techniques. Direct feedback on leadership abilities.

**MLSC 302 - Leadership and Ethics .....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 303 - Officer Candidate School - Phase 1 .....3 hours**

Prereq: MLSC 301, MLSC 302\*

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,

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

Northern Warfare, Mountain Warfare or Cadet Troop Leading Training. 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.

Offered by Department of Music and Performing Arts  
College of Fine Arts and Humanities

## MUS Courses

**MUS 98 - Fundamentals of Music .....1 hour**  
Prereq: none

An introduction to the basic rudiments and skills of music theory for those with little or no background in music. Develops both written and aural skills in basic notation, scales, key signatures, intervals and triads.

**MUS 100GS - Introduction to Music.....3 hours**  
Prereq: none

A survey of music in its basic concepts covering a broad spectrum of world styles and eras.

**MUS 101 - American Musical Theatre .....3 hours**  
Prereq: none

A survey of the history and development of musical theatre in America from 1800's to present. Examination of significant works, their composers and lyricists, from stage and movie musicals.

**MUS 103 - University Band .....1 hour**  
Prereq: none

An instrumental performance group open to all university students with high school band experience. Marching, concerts, and tours.

**MUS 104 - Symphonic Band .....1 hour**  
Prereq: none

Large ensemble of brass, wind and percussion instruments performing the best of symphonic band literature. Open to entire university community.

**MUS 105 - Wind Ensemble.....1 hour**  
Prereq: none

Select instrumental ensemble open to entire university community through audition.

**MUS 106GS - Introduction to Jazz and Blues .....3 hours**  
Prereq: none

A survey of the musical styles of jazz and blues from the 1800s to the 1990s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

**MUS 107GS - Introduction to Rock and Blues .....3 hours**  
Prereq: none

A survey of the musical styles of rock and blues from the 1800s to the 1990s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

**MUS 109 - Introduction to Music Education .....1 hour**  
Prereq: none

Overview of music education. Introduces basic issues and principles of music education, orientation to student characteristics, teacher roles, and foundations of philosophy and history. School observations required.

**MUS 110 - Brass Techniques.....1 hour**  
Prereq: none

Fundamentals of brass instruments with an emphasis on the practical aspects of teaching and playing the trumpet, French horn, trombone, and tuba.

**MUS 111 - Woodwind Techniques .....2 hours**  
Prereq: none

Fundamentals of flute and double reed instruments with an emphasis on the practical aspects of teaching and playing the flute, oboe and bassoon.

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**MUS 114 - Percussion Techniques .....1 hour**  
Prereq: none

Fundamentals of percussion instruments with an emphasis on the practical aspects of teaching and playing.

**MUS 118 - Guitar Techniques .....1 hour**  
Prereq: none

Fundamentals of the guitar with an emphasis on the practical aspects of teaching and playing. Students must provide their own instruments.

**MUS 120 - String Techniques .....1 hour**  
Prereq: none

Fundamentals of upper and lower string instruments with an emphasis on the practical aspects of teaching and playing violin, viola, cello, and bass.

**MUS 122 - Conducting .....1 hour**  
Prereq: none

MUS 122, Conducting is a course designed to introduce and develop the basic concepts of conducting a musical ensemble for the music major or minor.

**MUS 129 - Class Voice .....1 hour**  
Prereq: none

Fundamentals of singing with an emphasis on basic musicianship and performance.

**MUS 130 - Voice Techniques .....1 hour**  
Prereq: music education major or permission of the instructor

Fundamentals of singing with an emphasis on the practical aspects of teaching, evaluating students, and performing.

**MUS 135 - Private Instruction for Non-Majors .....1 hour**  
Prereq: permission of instructor

Private studio instruction for non-music majors. University level competency is required as determined through audition. Piano, organ, voice, stringed instruments, wind instruments or percussion. 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. May not be applied towards music degree private instruction requirements. A private lesson fee will be assessed.

**MUS 140 - Piano Techniques I .....1 hour**  
Prereq: ability to read musical notation

Beginning keyboard fundamentals designed for music majors and minors with little or no keyboard background.

**MUS 141 - Piano Techniques II .....1 hour**  
Prereq: grade of C- in MUS 140

Continuation of Piano Techniques I with particular emphasis on building technical facility and skills in harmonization, improvisation, transposition and sight reading.

**MUS 145 - Diction for Singers I .....1 hour**  
Prereq: none

This course teaches the International Phonetic Alphabet (IPA), manner and placement of articulation for both English and Italian, concentrating on diction comprehension for singers.

**MUS 149 - Private Instruction, Secondary Instrument.....1 hour**  
Prereq: music major or minor; permission of instructor

Private instruction for music majors and minors on secondary 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. May not be applied towards primary (major) instrument or voice private instruction requirements. Lessons are one-half hour in length for one hour of credit. A jury examination is usually required at the end of each semester. A private lesson fee will be assessed.

\* 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 Chorus .....1 hour**

Prereq: none

A large mixed voice choir performing large choral works as well as chamber music. Open to the entire university community.

**MUS 176 - 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**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 Choraleers 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,



technique, improvisation, score reading, solo and ensemble repertoire, analysis and sequencing. The piano proficiency examination for music business majors, music minors (elementary education option), and liberal arts in music majors will be administered at the end of this course.

**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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**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.

**MUS 358 - 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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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-political-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.

Offered by Department of Health, P.E., Recreation and Leisure Studies  
College of Education

**PE Courses**

**PE 100 - Principles of Physical Education .....2 hours**

Prereq: none

Introductory course for students interested in careers in health, physical education, athletic training or coaching.

**PE 109GS - Activity Class .....1 hour**

Prereq: none

Any full semester course, 109GS, or any combination of two eight-week courses, 110GS, below may be elected for one credit.

Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.

**PE 110GS - Basic Sports.....0.5 hour**

Prereq: none

Any full semester course, 109GS, or any combination of two eight-week courses, 110GS, below may be elected for one credit.

Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.

**PE 111 - Intercollegiate Sports .....1 hour**

Prereq: credit may be earned by participation through a complete season on a UNK team

Participation as a member of one of UNK's varsity sports teams.

**PE 112 - Conditioning and Weight Training .....1 hour**

Prereq: none

Sports specific activities for physical conditioning.

**PE 121 - Sports Skills for Physical Education .....2 hours**

Prereq: none

Understanding, analysis and performance of team, racquet and lifetime sports.

**PE Courses**

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**PE 160GS - Healthful Living .....3 hours**

Prereq: none

Personal health principles including study of life-style related ailments: cardiovascular diseases, stress, sexually transmitted diseases (emphasis on AIDS), and substance abuse. Death and dying and aging, aspects of wellness (especially proper exercise and fitness, diet and nutrition, weight management), human sexuality, family relationships are included in course content.

**PE 161 - Adapted Activities .....1 hour**

Prereq: none

Individually prescribed activities arranged in consultation with UNK physician and/or student's personal physician.

**PE 174 - Athletic Training Clinical Series**

Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.

**PE 174A - Clinical Level One A.....1 hour**

Prereq: admission into the Athletic Training Program

**PE 174B - Clinical Level One B .....1 hour**

Prereq: PE 174A

**PE 174C - Clinical Level Two A.....1 hour**

Prereq: PE 174B\*

**PE 174D - Clinical Level Two B .....1 hour**

Prereq: PE 174C\*

**PE 174E - Clinical Level Three A.....1 hour**

Prereq: PE 174D\*

**PE 174F - Clinical Level Three B .....1 hour**

Prereq: PE 174E\*

**PE 210 - Scuba.....2 hours**

Prereq: none

Background, principles and techniques of scuba diving. Certification may be awarded at the discretion of instructor. A special fee will be assessed for the course.

**PE 211 - Advanced Sports .....1 hour**

Prereq: none

Advanced instruction in Baseball, Life Guarding, Basketball, Football, Track.

**PE 220 - Teaching Aerobic and Anaerobic Activities ..... 1-2 hours**

Prereq: none

Basic teaching techniques for a variety of activities which should be included in a secondary school physical education program or in a fitness management program.

**PE 221 - Teaching Sport and Leisure Activities.....2 hours**

Prereq: completion of required PE 110GS courses

Basic teaching techniques for individual, dual, team, and racquet sports and rhythmic activities; these would include recreational activities for leisure and lifetime.

**PE 226 - Elementary School Health Teaching.....1 hour**

Prereq: PE 160GS

Methods of teaching elementary school health.

**PE 229 - Wellness Interventions .....3 hours**

Prereq: none

Concepts of wellness/fitness with emphasis on stress management, smoking cessation, medical self-care, fitness programming for all ages.

\* 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 310 - 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 325 - 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 328 - 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 330 - Volleyball Theory .....2 hours**

Prereq: none

Individual and team play for prospective coaches. Fall semester.

**PE 331 - 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 337 - 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\*, PE 264

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.



**PE 361 - Integrating Movement and Dance .....1 hour**

Prereq: none

This course is about the integration of movement and dance across the pre-school through grade six curriculum.

**PE 369 - Remedial and Adaptive Physical Education ..... 2-3 hours**

Prereq: none

Study of physical, mental and emotional impairments which limit human performance. Treatment of injuries and disabilities through remedial exercises. Prior completion of PE 360 is recommended.

**PE 370 - Administration of Intramurals ..... 1-3 hours**

Prereq: permission of instructor

Student will perform administrative responsibility for the intramural program.

**PE 373 - Field Experience in Secondary School**

**Physical Education .....2 hours**

Prereq: permission of instructor

Student will be assigned as an assistant teacher or coach in an area secondary school. (Credit/No Credit.)

**PE 374 - Field Experience in University**

**Physical Education ..... 1-3 hours**

Prereq: permission of instructor

Student will be assigned to assist a UNK instructor with a physical education activity.

**PE 375 - Rehabilitation Techniques in Athletic Training.....4 hours**

Prereq: PE 174A, PE 174B\*, PE 250\*, PE 251\*, PE 264, PE 350\*

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.

**PE 375L - Rehabilitation Techniques**

**in Athletic Training Laboratory .....0 hours**

Take concurrently with PE 375.

**PE 380 - Diagnostic-Prescriptive Techniques**

**for Adapted Physical Education .....3 hours**

Prereq: none

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.

**PE 401 - Psychology of Sport.....3 hours**

Prereq: none

Study of psychological principles and theories of athletics.

**PE 402 - Sociology of Sport.....3 hours**

Prereq: none

Background in sport history/philosophy, sport sociology, sport in society, minorities and women in sport, as sport has evolved in American society.

**PE 403 - Sport Economics .....3 hours**

Prereq: none

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.

**PE 420 - Methods in Health and Physical Education .....3 hours**

Prereq: admission to Teacher Education

Applies principles of teaching elementary and/or secondary school physical education and health.

**PE Courses**

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**PE 421 - Administration of High School Athletics .....2 hours**

Prereq: none

Administrative practices with which the high school coach needs to be familiar. Includes regulations of Nebraska School Activities Association.

**PE 422 - Administration of Strength Programs .....2 hours**

Prereq: PE 360\* or permission of instructor

Principles and procedures for administering a strength program at the high school level.

**PE 425 - Legal Aspects of Sport and Recreation.....3 hours**

Prereq: none

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.

**PE 426 - Instructional Strategies in Adapted**

**Physical Education .....3 hours**

Prereq: none

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.

**PE 428 - Secondary School Physical Education .....3 hours**

Prereq: none

Program and techniques for teaching secondary school physical education.

**PE 429 - Marketing in Sport, Recreation and Tourism .....3 hours**

Prereq: none

Principles, applications and techniques of marketing, promotions, corporate sponsorships, and fundraising.

**PE 430 - Organization and Administration**

**in Recreation, Sport and Tourism.....3 hours**

Prereq: none

Management, leadership, organizational development, communication, budget administration principles and legal aspects needed for a recreation, sport or tourism administrator.

**PE 441 - Physical Education for Elementary Schools .....3 hours**

Prereq: PE 240\*, PE 241\*

Teaching and organization activities and methods for elementary grades. Includes consideration of the exceptional child and early childhood education.

**PE 450 - Curriculum and Assessment**

**for Physical Education .....3 hours**

Prereq: PE 100 or PE 221\*

Curriculum organization and administrative procedures for a secondary school physical education program. Student should have completed basic sports requirement prior to enrollment.

**PE 460 - Gross Anatomy of Movement.....3 hours**

Prereq: PE 360 OR BIOL 225\*, BIOL 226\*

Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize and assist in dissection of human cadavers.

**PE 461 - Physiology of Exercise .....4 hours**

Prereq: PE 310 or BIOL 215GS\* or BIOL 226\*

Physiological processes of body as pertain to physical activity. How trained and untrained individuals differ, and importance of training.

**PE 463 - Health Safety Elementary School .....3 hours**

Prereq: PE 160GS

Curriculum development, teaching methods and selection of learning materials for health instruction in the elementary school.

\* 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\*

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 contemplative.

**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.

Offered by Department of Physics and Physical Science  
College of Natural and Social Sciences

**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,

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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and astronomy. Emphasis is placed on process and critical thinking skills as well as on environmental issues.

**PHYS 205GS - 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: MATH 102\* or permission of instructor

Basic principles of weather including a study of the atmosphere's origin, composition, circulation patterns, energy budget and its role in the hydrologic cycle. Topics include: instruments for observation, precipitation process, wave cyclones, jet streams, tornadoes, hurricanes, lightning, weather forecasting, weather modification and applications of meteorology to air pollution, agriculture, aviation and environmental issues of global warming and ozone depletion.

**PHYS 210GS - Astronomy.....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.)

**PHYS 301 - Advanced Physical Science .....4 hours**

Prereq: none

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.

**PHYS 323 - Introductory Electronics .....4 hours**

Prereq: PHYS 206GS\* or PHYS 276GS\*

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.

**PHYS 346 - Modern Physics I .....4 hours**

Prereq: PHYS 276GS\*

A more advanced study of selected topics in electricity and modern physics including introductory concepts in atomic and nuclear physics. Fall only.

**PHYS 347 - Modern Physics II .....4 hours**

Prereq: PHYS 346\*

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.

**PHYS 399 - Internship ..... 1-4 hours**

Prereq: none

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.

**PHYS 400 - Analytic Mechanics I .....3 hours**

Prereq: PHYS 410\*, MATH 305\* OR permission of instructor

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.

**PHYS 401 - Analytic Mechanics II .....3 hours**

Prereq: PHYS 400\*

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.

**PHYS 405 - Electricity and Magnetism I .....3 hours**

Prereq: PHYS 410\*, MATH 305\* OR permission of instructor

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.

**PHYS 406 - Electricity and Magnetism II .....3 hours**

Prereq: PHYS 405\* or permission of instructor

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.

**PHYS 410 - Mathematical Techniques in Physics .....4 hours**

Prereq: MATH 260\* or permission of instructor

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.

**PHYS 411 - Mathematical Techniques in Physics II .....3 hours**

Prereq: PHYS 410\*

A development of series solution of differential equations, partial differential equations, tensor analysis, asymptotic series, integral transforms, and operators. Spring only.

**PHYS 417 - Quantum Mechanics .....3 hours**

Prereq: PHYS 416 or permission of instructor

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.

**PHYS 423 - Electronics .....4 hours**

Prereq: PHYS 323\* or equivalent

A continuation of PHYS 323 covering feedback, noise reduction, high frequency circuits and electro-optical devices. Prior completion of ITEC 482\* is recommended.

**PHYS 430 - Optics .....4 hours**

Prereq: PHYS 276GS\*

Geometric and wave optics including optical instruments. Prior completion of MATH 305 is recommended. Spring only, even-numbered years.

**PHYS 440 - Heat and Thermodynamics.....4 hours**

Prereq: none

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.

**PHYS 446 - Modern Physics for High School Teachers.....4 hours**

Prereq: PHYS 205GS, PHYS 206GS OR PHYS 275GS, PHYS 276GS

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.

**PHYS 456 - Regional Field Study ..... 1-4 hours**

Prereq: none

Includes visits to specialized research or scientific centers, or expeditions to observe or study special events such as solar eclipses.

**PHYS 471 - Methods in Secondary Science Teaching .....3 hours**

Prereq: admission to Teacher Education

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.

**PHYS 472 - Science Curricula ..... 1-3 hours**

Prereq: none

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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



**PHYS 490 - 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 - Research in Physics..... 1-3 hours**

Prereq: permission of instructor

A student may accumulate a total of nine hours. Approximately five hours per week for each hour of credit.

**PHYS 496 - 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.

Offered by Department of Political Science  
College of Natural and Social Sciences

**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 170GS - Introduction to Political Thought.....3 hours**

Prereq: none

An introductory study of the ideas, theories, and thinkers that inform our debate over how to organize and conduct our common life. Particular attention will be given to examining democracy as a contested concept.

**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.

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**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 in 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.

given to perceptions of the United States in the region, as well as to contemporary relations between key countries in Latin America and the United States, Soviet Union, Western Europe, and Asia.

**PSCI 351 - The American Congress.....3 hours**

Prereq: none

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 366: Political Parties and Interest Groups. Assumes basic knowledge of American government.

**PSCI 352 - The American Presidency .....3 hours**

Prereq: none

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.

**PSCI 353 - Race & Politics .....3 hours**

Prereq: none

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.

**PSCI 360 - Topics in American Politics .....3 hours**

Prereq: none

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.

**PSCI 361 - State and Local Government .....3 hours**

Prereq: none

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.

**PSCI 365 - Campaigns and Elections .....3 hours**

Prereq: none

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.

**PSCI 366 - Political Parties and Interest Groups.....3 hours**

Prereq: none

A study of the voluntary associations that serve as primary sites for political participation in American politics. The functions of organized interests in representation and lobbying are the primary focus, as well as the functions of political parties in coordinating officials within and between branches of government. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 351: The American Congress. Assumes basic knowledge of American government.

**PSCI 368 - International Law and Organization .....3 hours**

Prereq: none

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.

**PSCI 369 - International Political Economy .....3 hours**

Prereq: none

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.

**PSCI 370 - American Foreign Policy .....3 hours**

Prereq: none

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.

**PSCI 373 - Ancient Political Thought.....3 hours**

Prereq: none

A survey of political thought from Plato to Rousseau.

**PSCI 374 - Modern Political Thought.....3 hours**

Prereq: none

A survey of political thought from Hobbes to the present.

**PSCI 375 - Democratic Political Thought .....3 hours**

Prereq: none

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.

**PSCI 376 - Post-Modern Political Thought.....3 hours**

Prereq: none

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.

**PSCI 377 - Topics in Political Thought .....3 hours**

Prereq: none

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.

**PSCI 378 - Feminist Political Thought.....3 hours**

Prereq: none

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.

**PSCI 380 - Topics in International Relations.....3 hours**

Prereq: none

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.

**PSCI 381 - Introduction to Political Inquiry.....3 hours**

Prereq: none

This course introduces students to basic approaches to inquiry and research in the field of Political Science. Recommended for students in their junior year.

**PSCI 382 - Public Opinion and Political Problems .....3 hours**

Prereq: none

A study of the process of public opinion formation and change among mass public and elites in the United States. Normative and empirical

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 natures, 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.

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

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**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.

Offered by Department of Psychology  
College of Natural and Social Sciences

**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.



**PSY 231 - Abnormal Behavior and Society .....3 hours**

Prereq: none

An introduction to the various models for understanding abnormal behavior, e.g., genetic and developmental models; the descriptions of predominant mental disorders, and major modern treatment interventions. The course is recommended for those majoring in fields other than psychology.

**PSY 250 - Behavioral Statistics .....4 hours**

Prereq: PSY 203GS

The methodology used in scientific research is described along with the special problems that psychologists face in the interpretation of research results. Prior completion of college algebra is recommended. One laboratory each week.

**PSY 270 - Experimental Psychology .....4 hours**

Prereq: PSY 250\*

Advanced methods in data collection are presented. Research designs and their appropriateness for specific areas of study are reviewed. One laboratory each week.

**PSY 280HGS - Special Topics..... 1-3 hours**

Prereq: none

An interdisciplinary General Studies course for Honors students that examines the connections between disciplines. Topic: Science and Skepticism.

**PSY 300 - Orientation to Psychology .....1 hour**

Prereq: PSY 203GS, declared major in psychology

An informal review of academic, professional, and career planning issues of a psychology major.

**PSY 310 - Learning and Conditioning .....3 hours**

Prereq: PSY 203GS

The concepts and principles of learning are studied in detail. Data from human and animal experimentation are considered. Prior completion of PSY 270\* is recommended.

**PSY 310L - Learning and Conditioning Laboratory.....1 hour**

Prereq: PSY 270\*

Aspects of conditioning and learning are demonstrated. Must be taken concurrently with PSY 310\*.

**PSY 312 - Sensation and Perception .....3 hours**

Prereq: PSY 203GS

Sensory and perceptual systems are examined in detail. Prior completion of PSY 270\* is recommended.

**PSY 312L - Sensation and Perception Laboratory .....1 hour**

Prereq: PSY 270\*

Sensory and perceptual phenomena are reviewed within a laboratory setting. Must be taken concurrently with PSY 312\*.

**PSY 313 - Physiological Psychology .....3 hours**

Prereq: PSY 203GS

The relationships between physiological processes and human behaviors are studied. Prior completion of PSY 270\* is recommended. Fall only.

**PSY 313L - Physiological Psychology Laboratory .....1 hour**

Prereq: PSY 270\*

The techniques and methodology used in the study of the biological influences on behavior are introduced. Must be taken concurrently with PSY 313\*. Fall only.

**PSY 317 - Biopsychology .....3 hours**

Prereq: PSY 203GS

Biopsychology deals with the interaction of biology and behavior from the molecular to the molar level. All levels of interaction are investigated. Prior completion of PSY 270\* is recommended. Spring only.

**PSY 317L - Biopsychology Laboratory .....1 hour**

Prereq: PSY 270\*

Biopsychology Laboratory uses the methods of Ethology and Comparative Psychology to investigate the relationship between biology and behavior. Must be taken concurrently with PSY 317\*. Spring only.

**PSY 318 - Experimental Social Psychology .....3 hours**

Prereq: PSY 203GS

An exploration of the theories, methods and research regarding the relationship of the individual to others and to society. Topics include person perception, interpersonal attraction, attitudes, and attitude change, conformity and leadership. Prior completion of PSY 270\* is recommended. Fall only.

**PSY 318L - Experimental Social Psychology Laboratory .....1 hour**

Prereq: PSY 270\*

A review of social psychological research methods, including experimental and quasi-experimental designs, unobtrusive measures, field studies, behavioral and verbal measurement, the avoidance of bias, and ethical issues in research. Fall only.

**PSY 370 - History and Systems of Psychology .....3 hours**

Prereq: PSY 203GS

The ideas of individuals who have influenced the development of psychology as a science from the ancient Greeks to the 20th century are reviewed.

**PSY 371 - Environmental Psychology .....3 hours**

Prereq: PSY 203GS

The relationships between behavior and natural and man-made environments are addressed. Spring only, alternate even years.

**PSY 372 - Cross-Cultural Psychology .....3 hours**

Prereq: PSY 203GS

Examines psychological processes related to perception, cognition, human development, psychopathology, gender influences and social behavior from a cross-cultural perspective. Current theories, methods and research findings are discussed. Prior completion of PSY 270\* is recommended. Spring only.

**PSY 374 - Psychology of Gender .....3 hours**

Prereq: none

Motivational levels, goals, self-concept, and various personality characteristics which differentiate between women and men are studied. Rearing differences between boys and girls and their accompanying behavioral expectations are studied as well as the development of sex differences in intellectual and biological functions. Fall only, odd years.

**PSY 376 - Psychology and Criminal Behavior .....3 hours**

Prereq: PSY 203GS

Criminal behavior and rehabilitative efforts will be investigated in light of psychological research, theory and clinical experience. Various potential causes of criminal behavior will be explored. Psychology's role within the legal system will also be addressed.

**PSY 399 - Psychology Apprenticeship Programs ..... 1-3 hours**

Prereq: PSY 203GS

Students assist faculty members as research assistants, as classroom discussion leaders, as proctors in PSI courses, or in preparing special lectures or programs. Departmental permission required. PSI proctoring is recommended for those students preparing to take the Graduate Record Exam.

**PSY 403 - Psychology of Motivation.....3 hours**

Prereq: PSY 203GS

The principal issues, methods, and theories of motivation are thoroughly examined. Offered on demand.

**PSY 406 - Theories of Personality .....3 hours**

Prereq: none

Personality theories from Freud to contemporary theorists are discussed. Prior completion of PSY 370\* is recommended. Spring only.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



**PSY 407 - Psychopathology .....3 hours**

Prereq: PSY 270\*

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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**PSY Courses**

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**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 462 - 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.

**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..... 1-3 hours**

Prereq: 24 completed hours of psychology coursework, permission of the department chairman

This course gives the student the opportunity to gain experience in the application of psychological principles in various settings.

**PSY 475G - 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.....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 - Readings in Psychology..... 1-3 hours**

Prereq: 24 completed hours of psychology coursework, permission of the department chairman

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.....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, REC 155, 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.

- Exercise Science/Athletic Training majors  
PE 498 and Clinical Level 3 standing
- Exercise Science/Mgmt & Nutrition majors  
junior standing, PE 467\*

Student will be assigned full-time with private, industrial or governmental fitness and/or leisure programs or in a tourist industry site. A minimum of a four-week block of time will be allotted for the experience. Credit/no credit.

**REC 485 - Research in Tourism, Recreation and Sport .....3 hours**

Prereq: none

Basic knowledge of research terminology, methodology and application. Students do simple but important research.

**REC 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.

Offered by Department of Industrial Technology  
College of Business and Technology

**SFED Courses**

**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.

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**SFED 435 - Occupational Safety and Health .....3 hours**

Prereq: none

The study of safety and health administration, accident prevention, and the control of health hazards as related to occupations. Includes a study of current safety and health requirements. Suitable for industrial education teachers and managers in industry.

**SFED 436 - Organization, Administration, and Supervision of Safety Programs .....3 hours**

Prereq: none

A study of safety programs at the state and local levels including the administrative, instructional and protective aspects of a comprehensive safety program. The course is recommended for those preparing for supervisory safety positions in business, government and in school systems.

**SFED 438 - Teaching the Use of the Multiple Vehicle Range ..1 hour**

Prereq: none

Provides the student with basic and advanced techniques and methods in teaching the use of the multiple vehicle range facility and programs.

**SFED 439 - Teaching Simulator Instruction .....1 hour**

Prereq: none

Students will analyze curriculum, design instructional materials, and develop techniques for teaching with driver simulators.

**SFED 440 - Competency-Based Curriculum in Traffic Safety..3 hours**

Prereq: none

This course will prepare driver education teachers to efficiently teach competency-based driver education courses that follow the guidelines outlined by the Nebraska Department of Education.

**SFED 450 - Driver Performance Measurement .....3 hours**

Prereq: none

This course teaches principles designed to develop and administer a valid and reliable road test.

**SFED 472 - Fire Prevention, Protection and Control.....3 hours**

Prereq: none

This is an introductory fire science course. The student will be provided an overview of fire science and loss prevention. This would include the equipment and techniques available to detect and suppress fires, recognition of hazards, and fire countermeasures.

**SFED 477 - Accident/Incident Investigation and Analysis.....3 hours**

Prereq: none

This course provides the student with knowledge into the accident and incidents investigation methods, procedures, and techniques used for prevention of future problems.

**SFED 496 - Advanced Safety Program in Driver and Traffic Safety Education ..... 1-3 hours**

Prereq: none

Designed to help teachers become better acquainted with the problems and techniques of teaching driver and traffic safety education.

**SFED 499 - Individual Research in Safety ..... 1-3 hours**

Prereq: 9 credit hours of SFED courses or permission

Offered by Department of Sociology, Geography and Earth Science  
College of Natural and Social Sciences

**SOC Courses**

**SOC 100GS - Introduction to Sociology .....3 hours**

Prereq: none

The development of social systems, group formations and types of social organizations, and the nature of cultural and subcultural variations.



**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.



**SOC 420 - Race and Minority Relations .....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

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.

**SOC 430 - Sociology of Family.....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

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.

**SOC 440 - Sociology of Education.....3 hours**

Prereq: SOC 100GS or SOC 250GS or equivalent or permission of instructor

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.

**SOC 442 - Sociology of Religion.....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

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.

**SOC 461 - Deviance and Social Control .....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

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.

**SOC 462 - Sociology of Health and Illness .....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

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.

**SOC 468 - Senior Seminar .....3 hours**

Prereq: 18 hours completed SOC coursework

Seminar serves as a capstone for the general degree option in sociology. 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.

**SOC 471 - Special Topics in General Sociology .....3 hours**

Prereq: SOC 100GS or SOC 250GS or permission

Special topics of current research by Sociology faculty actively involved in research projects.

**SOC 472 - Special Topics in Globalization.....3 hours**

Prereq: SOC 124GS or SOC 250GS or permission

This course will allow faculty to offer advanced courses in the globalization emphasis.

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

**SOWK Courses**

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**SOC 475 - Internship ..... 1-6 hours**

Prereq: 12 hours of sociology or permission of instructor

This course is designed to give the student experience in a work situation within his/her area of specialization and interest.

**SOC 488 - Research Seminar in Sociology.....3 hours**

Prereq: SOC 237 or permission

Group investigations of sociological problems.

**SOC 490 - Directed Research ..... 1-3 hours**

Prereq: SOC 237 or permission

Independent original research under the direction of a Sociology faculty member. Permission and a contract specifying topic and requirements are necessary before enrollment for the course.

**SOC 499 - Directed Readings ..... 1-3 hours**

Prereq: SOC 300\* or two 300- to 400-level sociology courses; permission of instructor

Independent readings on advanced or contemporary sociological topics, to be selected in consultation with and directed by a Sociology faculty member. A contract specifying readings and requirements for the course is necessary before enrollment for the course.

Offered by Department of History  
College of Natural and Social Sciences

**SOSC Courses****SOSC 370 - Social Science of the High School .....3 hours**

Prereq: admission to Teacher Education

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.

**SOSC 444 - International Studies Institute..... 1-6 hours**

Prereq: none

This course will provide opportunities for study as offered by the International Studies Program.

**SOSC 456 - Regional Field Study..... 1-4 hours**

Prereq: none

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.

**SOSC 499 - Independent Study in the Social Sciences ..... 1-4 hours**

Prereq: none

Open to majors in any of the social sciences.

Offered by Department of Criminal Justice and Social Work  
College of Natural and Social Sciences

**SOWK Courses****SOWK 170GS - Introduction to Social Welfare .....3 hours**

Prereq: none

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.

**SOWK 172 - Human Service Ethics and Experience.....3 hours**

Prereq: none

This course is designed to acquaint the student with the social work profession, professional roles and functions, and social services delivery system. The student is required to volunteer a minimum of 50 hours at a social services agency. As volunteers, students will have

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 social 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.

**SOWK 482 - Seminar in Social Work .....3 hours**

Prereq: SOWK 372\*, permission of the Field Coordinator

Coreq: SOWK 480\*, SOWK 481\*

This course is designed as an integrating seminar to be taken concurrently with Field Placement. It facilitates the transition from student to professional social worker through the use of specific assignments focused on resume development, awareness of continuing educational needs, issues of certification, and exposure to social work professionals. Students should have completed all required social work courses, and be enrolled in SOWK 480/481.

**SOWK 499 - Special Studies in Social Work..... 1-3 hours**

Prereq: 6 hours of SOWK, permission of director

An in-depth study of contemporary social work practice issues. The project is supervised by the director. This course may be repeated to a maximum of six hours.

Offered by Department of Modern Languages  
College of Fine Arts and Humanities

**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.

**SPAN Courses**

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**SPAN 275 - 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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



**SPAN 400 - Golden Age Drama .....3 hours**

Prereq: SPAN 204GS\* or equivalent

Study of dramatists of the Golden Age of Spanish Literature.

Offered occasionally.

**SPAN 401 - Modern Hispanic Drama .....3 hours**

Prereq: SPAN 204GS\* or equivalent

Spanish and/or Latin American dramatists of the 19th and 20th centuries.

Offered occasionally.

**SPAN 408 - Comparative Grammar .....3 hours**

Prereq: SPAN 303\* or permission of instructor

A comparative and contrastive study of the structures of Spanish and English. Offered every third term.

**SPAN 419 - Short Story .....3 hours**

Prereq: SPAN 204GS\* or equivalent

Short story in Spanish and/or Latin American literature. Offered occasionally.

**SPAN 420 - Spanish Novel .....3 hours**

Prereq: SPAN 204GS\* or equivalent

The novels of Spain from the generation of 1898 to present.

Offered occasionally.

**SPAN 421 - Latin American Novel .....3 hours**

Prereq: SPAN 204GS\* or equivalent

Principal works by well-known Latin American novelists of the 20th century.

Offered occasionally.

**SPAN 425 - Modern Hispanic Poetry .....3 hours**

Prereq: SPAN 204GS\* or equivalent

Contemporary poetry of Spain and/or Latin America. Offered occasionally.

**SPAN 430 - Survey of Latin American Literature .....3 hours**

Prereq: SPAN 204GS\* or equivalent

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.

**SPAN 435 - Cervantes .....3 hours**

Prereq: SPAN 204GS\* or equivalent

The principal works of Cervantes with special emphasis on *Don Quixote*.

Offered occasionally.

**SPAN 460 - History of the Spanish Language .....3 hours**

Prereq: SPAN 201GS\* or equivalent

A study of the development of the Spanish language from its beginnings to the present time. Offered occasionally.

**SPAN 470 - Seminar in Spanish/Latin American Studies .....3 hours**

Prereq: SPAN 204GS\* or equivalent

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.

**SPAN 475 - Spanish Study Abroad IV ..... 3-6 hours**

Prereq: a 300-level Spanish course

An advanced level study of the language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 476 - Spanish Study Abroad IV ..... 3-6 hours**

Prereq: a 300-level Spanish course

An advanced level study of the language and culture taught in a Spanish-speaking country. Offered in Summer.

**SPAN 499 - Independent Studies in Spanish ..... 1-3 hours**

Prereq: approval by the department and instructor

Independent study under the direction of a faculty member. Students are not to take this course when a class course is available.

**SPCH 100GS - Fundamentals of Speech Communication ....3 hours**

Prereq: none

Study and practice of principles of public speaking.

**SPCH 154 - Cross-Cultural Communication .....3 hours**

Prereq: none

Course designed to aid international student in knowledge of culture.

**SPCH 201 - Classical Traditions in the Communicative Arts..3 hours**

Prereq: none

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.

**SPCH 202 - Communication Concepts in Society .....3 hours**

Prereq: none

A survey of the basic concepts of communication through application to different contexts and through examination of literature and methods in communication research.

**SPCH 205 - Voice and Articulation .....3 hours**

Prereq: none

Designed to improve voice articulation and projection.

**SPCH 222 - Oral Interpretation of Literature .....3 hours**

Prereq: none

Performing from great literature, developing close appreciation of the aesthetic elements of prose, poetry, and drama from the performing artist's viewpoint.

**SPCH 230 - Nonverbal Communication .....3 hours**

Prereq: none

Study of principles and effects of nonverbal communication.

**SPCH 231 - Introduction to Forensics and Debate .....3 hours**

Prereq: none

Study of debate and individual events procedures focused on skills of investigation and presentation.

**SPCH 237 - Intercollegiate Debate and Forensics ..... 1-4 hours**

Prereq: none

For students interested in intercollegiate debate and individual events tournaments.

**SPCH 240 - Public Speaking for Professions and Business..3 hours**

Prereq: SPCH 100GS

Study and practice of the forms, style and delivery of public speaking in a business context.

**SPCH 299 - Organizational Communication .....3 hours**

Prereq: none

Studies in business and professional communication, conference and group process, leadership, motivation, and business presentations.

**SPCH 300 - Interpersonal and Relational Communication ....3 hours**

Prereq: none

Study of interpersonal and relational communication including the role of verbal and nonverbal communication in relationship development and maintenance, conflict management and interpersonal influence.

**SPCH 332 - Logic Argumentation and Reasoning .....3 hours**

Prereq: none

An examination of theories of practical logic with emphasis on rational decision making.

**SPCH 360 - Persuasion and Propaganda .....3 hours**

Prereq: none

The study and practice of persuasion.



<b>SPCH 370 - Small Group Communication.....3 hours</b> Prereq: none Study of small group communication theory and participation in various types of group discussion and activities.	
<b>SPCH 375 - Diffusion of Innovations .....3 hours</b> 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.	
<b>SPCH 380 - Rhetorical Criticism .....3 hours</b> 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.	
<b>SPCH 400 - The Teaching of Speech .....3 hours</b> Prereq: none A methods course dealing with practical aspects of structuring and planning a speech-theatre program in the secondary schools.	
<b>SPCH 401 - Seminar: Special Topics ..... 1-3 hours</b> Prereq: none Course work on a specific topic of communication designed by the teacher.	
<b>SPCH 450 - General Semantics (Language and Behavior)....3 hours</b> Prereq: none A study of the relationships of symbol systems to the development of personalities, organizations and societies.	
<b>SPCH 451 - Leadership Communication .....3 hours</b> Prereq: none A study of the characteristics, styles, roles, and strategies of leaders with emphasis on parliamentary process.	
<b>SPCH 452 - Theories of Organizational Communication .....3 hours</b> Prereq: none A study of major themes of communication within the organization: scientific, humanistic, systems decision making and communication approaches.	
<b>SPCH 453 - Interviewing .....3 hours</b> Prereq: none Theories and techniques of interviewing, including information gathering, employment, appraisal and persuasive interviewing.	
<b>SPCH 454 - Intercultural Communication .....3 hours</b> Prereq: none Study of communication across cultures.	
<b>SPCH 455 - Communication Training and Consulting .....3 hours</b> Prereq: none A study of how to plan, conduct and evaluate communication training and development programs within the organization.	
<b>SPCH 456 - Rhetorical Theory .....3 hours</b> Prereq: none Historical study of theories of persuasive communication from early Greek and Roman times.	
<b>SPCH 457 - Contemporary Rhetorical Theory .....3 hours</b> Prereq: none Modern rhetorical theories.	

## STAT Courses

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**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.

Offered by Department of Teacher Education  
College of Education

## SPED Courses

**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.

Offered by Department of Mathematics and Statistics  
College of Natural and Social Sciences

## STAT Courses

**STAT 235 - Statistical Techniques for Research I .....3 hours**  
Prereq: MATH 101\*  
Placement: ACT  $\geq 20^{**}$  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  $\geq 20^{**}$  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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**STAT 441 - Probability and Statistics.....3 hours**

Prereq: MATH 260\*

The mathematical development of discrete and continuous probability distributions including multivariate distributions, moments and moment generating functions, the special discrete and continuous probability distributions, the normal distribution, sampling distributions, and hypothesis testing.

**STAT 442 - Mathematical Statistics.....3 hours**

Prereq: STAT 345\*, STAT 441\*

A continuation of 441/841P. The further mathematical development of special probability densities, functions of random variables, sampling distributions, decision theory, point and interval estimators, hypotheses testing, and covariance.

**STAT 495 - Independent Study in Statistics ..... 1-3 hours**

Prereq: permission

An individual investigation by the student of topics not included in the normal statistics offerings.

*\*\* ACT refers to the ACT Math Subscore. The indicated range of ACT Math Subscores were current at the time of printing of this catalog. Consult the Math Department for more current information.*

Offered by Department of Teacher Education  
College of Education

## TE Courses

**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: none

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 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 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 emphasized. The teaching methodology will center on mathematics content strands of number/operation, geometry/measurement, and data analysis and probability.

**TE 313 - Field Experience: Math .....0.5 hour**

Prereq: none

Coreq: TE 311\* or TE 312\*

The 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 emphasizes the assessment of literacy in grades kindergarten through three. The teacher candidate will learn how to administer and interpret assessments of reading and writing ability.

**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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

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.

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

**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

The focus of this introductory course is on historical and philosophical developments in the care and education of children with typical and atypical development, birth through age eight. Legal basis of services for young children and current social issues and legislation are studied. Components of appropriate screening and assessment of all young children will be identified. Students are introduced to the range of children served and services provided in a variety of settings. This course is the prerequisite for other early childhood courses.

**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 345

This course is designed to provide students with experiential knowledge and practical skills necessary to select, evaluate, develop, and adapt, and implement developmentally appropriate inclusive instructional strategies for young children from age four through eight across curriculum areas. Students will focus on arranging inclusive environments, monitoring children's progress, working with IEP's, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for young children with and without disabilities.

**TE 345 - Field Experience: Early Childhood Unified .....0.5 hour**

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 eight. 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.



**TE 351 - Reading in the Content Area.....2 hours**

Prereq: admission to Teacher Education

Coreq: TE 352, TE 353, TE 354

This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. The course will emphasize the following: the reading process, textbook selection, the structure of texts, vocabulary, comprehension, questioning and study skills, writing across the curriculum, curriculum, literature and technology integration.

**TE 352 - Elementary Social Studies Methods .....3 hours**

Prereq: admission to Teacher Education

Coreq: TE 351, TE 353, TE 354

This course provides the student with an overview of the purpose and structure of social studies in the elementary school curriculum. Specific focus on appropriate knowledge and skill in teaching social studies. Students will be engaged in constructivist activities that promote an inquiry-based social studies program for the elementary grades.

**TE 353 - Elementary Science Methods .....3 hours**

Prereq: admission to Teacher Education

Coreq: TE 351, TE 352, TE 354

This course is designed to help students develop knowledge and skill in the teaching of science at the elementary school level. The course emphasizes the rationale and techniques used to develop and implement inquiry-based science lessons in grades K-6.

**TE 354 - Field Experiences in Elementary School Science, Social Studies, and Content Area Reading .....1 hour**

Prereq: admission to Teacher Education

Coreq: TE 351, TE 352, TE 353

This course provides students with 50 clock hours of field experience in the teaching of science, social studies, and content-area reading at the elementary school level.

**TE 400 - Student Teaching .....14 or 17 hours**

Prereq: admission to student teaching

Student teaching is the capstone experience in the teacher education process and is the culminating course for all endorsement programs. During student teaching, teacher education students spend a minimum of 16 weeks in an approved PreK-12 school, to observe, participate and teach under the supervision of an experienced teacher.

**TE 401 - Context of Education.....6 hours**

Prereq: permission

This is the first course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course addresses the historical context of education in the U.S., including class/race/gender/access issues; key legal rulings and contemporary reform agendas; adolescent development, relationships, and culture in contemporary context. This course requires a 45-hour community service learning activity and a minimum of 15 hours in school-based activity.

**TE 402 - Professional Knowledge and Skills: I .....6 hours**

Prereq: TE 401, permission

This is the second course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course focuses on instructional models, validated instructional practices and issues related to exceptionality and diversity. A minimum of 20 hours subject-specific applications in a supervised, directed field experience in an approved secondary classroom setting is required.

**TE 403 - Professional Knowledge and Skills: II .....6 hours**

Prereq: TE 402\*, admission to Teacher Education

This course is the third course in a sequence comprising a post-baccalaureate pathway to teacher certification. This course focuses

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.

**TE 408 - Human Relations .....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. (Grading A-F)

**TE 411 - Inclusive Practices for Students****with Exceptionalities in PreK-8 Classrooms .....3 hours**

Prereq: TE 204, admission to Teacher Education

The course addresses the instructional needs of students with exceptionalities and giftedness in integrated settings. Special education referral process, Rule 51, Rule 3, Section 504, analysis of instruction/environment and its impact on learning, assignment/assessment modification, behavioral issues, and evaluation of student learning will be emphasized.

**TE 469 - Psychology and Education****of Gifted and Talented Learners .....3 hours**

Prereq: none

This introductory course will focus on the cognitive, social, and emotional characteristics of gifted/talented learners at various developmental levels and development of appropriate differentiation. Additional topics include methods of identification, implications of cultural diversity, working with families, historical perspectives, important research studies, equity in education, and use of technology.

**TE 470 - Guiding the Social and Emotional****Development of Gifted/Talented Learners .....3 hours**

Prereq: none

This course focuses on understanding the social and emotional characteristics and development of typical and special populations of gifted/talented learners, current theories and issues related to their guidance and counseling, and principles and strategies of intervention.

**TE 471 - History and Philosophy of Middle School .....3 hours**

Prereq: admission to Teacher Education

This course is designed to prepare students to understand the background and current trends in middle level education. It also will prepare students to understand the particular developmental needs that young adolescents experience and how middle level teachers develop curriculum and classroom activities to meet the cognitive, social, emotional and physical needs in the classroom.

**TE 472 - Management and Assessment****in Middle Level Classrooms .....2 hours**

Prereq: admission to Teacher Education

Coreq: TE 473

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.

**TE 473 - Field Experience in Middle Level Classrooms .....1 hour**

Prereq: admission to Teacher Education

Coreq: TE 472

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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.



engage in a variety of school-related activities commonly encountered by professional educators at the middle level.

**TE 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.

**TE 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)

Offered by Department of Teacher Education  
College of Education

**TESE Courses**

**TESE 421 - Individuals with Exceptionalities.....3 hours**

Prereq: none

This introductory course surveys the various disability areas in the field of special education and associated educational implications and procedures. Legislation and the influence on special education are discussed along with contemporary issues and trends in special education.

**TESE 430 - Collaboration, Consultation, and Teamwork.....2 hours**

Prereq: TE 204

This course is designed to prepare educators for collaborative consultation and teamwork in serving the educational needs of students, families, educators and communities. Skills for communication, collaboration, and team building are practiced.

**TESE 437 - Medical Aspects of Individuals with Disabilities..3 hours**

Prereq: TE 204

This course provides students with a general knowledge of the medical conditions seen in children with disabilities. It will familiarize students with terminology, medications, procedures, equipment, and interventions used for children with medical complications. Teacher responsibilities in regards to medical conditions will be covered.

**TESE 461 - Legal Issues in Special Education .....3 hours**

Prereq: TE 204

This course provides students with the knowledge and understanding of the history and federal regulations in the field of special education. Professional ethics and code of conduct will be emphasized. Students will explore the foundations for various mandated activities such as parents' rights, IEP components and monitoring, special education placement procedures and mandated timelines.

**TESE 462 - Assessment and Program Planning in Special Education.....4 hours**

Prereq: TESE 461\*, admission to Teacher Education

This course develops the student's ability to conduct both informal and formal academic assessment in special education. Academic assessment will include administration, scoring, and interpretation of standardized instruments. Academic assessment will also include development and administration, scoring, and interpretation of informal measures to assess needs and growth. Students will learn to report assessment results using the Multi-disciplinary Team Format (M-Team Report). Students will also learn how to use assessment results to develop Individualized Educational Plans (IEP). Both the M-Team Report and IEPs will be written on Nebraska Department of Education forms using the online Student Report System (SRS).

**TESE 463 - Instructional Strategies for Individuals with Disabilities .....2 hours**

Prereq: TESE 462\*

Coreq: TESE 464\*, TESE 467\*, TESE 468\*

The course is designed to address the instructional needs of students with

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

**TESE Courses**

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disabilities. Academic instructional interventions and specialized materials and programs will be emphasized. Students will apply their knowledge of lesson plan development in the co-requisite field experience.

**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\*

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: none

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 plan development in the development of age appropriate social skills lessons.

Offered by Department of Music and Performing Arts  
College of Fine Arts and Humanities

## THEA Courses

### **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: none

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

\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.

beginning of the 18th Century. Readings will focus on the genres of comedy and tragedy in the following periods: Ancient Greece, Ancient Rome, Medieval, Tudor and Stuart England.

**THEA 351 - Survey of Dramatic Literature II .....3 hours**

Prereq: THEA 120GS

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.

**THEA 400 - Teaching Theatre .....3 hours**

Prereq: permission of instructor

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.

**THEA 401 - Special Topics ..... 1-3 hours**

Prereq: permission of instructor

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, as well as others.

**THEA 413 - History of Theatre I .....3 hours**

Prereq: THEA 120GS

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.

**THEA 414 - History of Theatre II .....3 hours**

Prereq: THEA 120GS

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.

**THEA 415 - History of Theatre III .....3 hours**

Prereq: THEA 120GS

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.

**THEA 419 - Costume Design .....3 hours**

Prereq: THEA 241, THEA 296\* OR permission of instructor

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.

**THEA 420 - Scene Design .....3 hours**

Prereq: THEA 296\* or permission of instructor

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.

**THEA 421 - Playwriting.....3 hours**

Prereq: none

Instruction in the craft of playwriting and an organic approach to creating new works. Students will work on original monologues and short plays as they study the elements of drama and the technical format of writing for the stage. Playwriting, play production, competitions, and script publication will be covered.

*\* This course is the immediate prerequisite. Other preparation is required prior to this immediate prerequisite.*

**THEA 423 - Advanced Theatre Practicum .....1 hour**

Prereq: permission of instructor

Significant projects in theatre production for advanced Theatre students.

Designed to provide students with experience in positions or roles that fully utilize the performance and/or technical skills they have acquired. Projects may include: stage management, directing, major roles, mainstage designs, administration, or others approved by Theatre faculty.

**THEA 425 - Acting III.....3 hours**

Prereq: THEA 226\*

Advanced training in specific acting styles and techniques such as Greek

Drama, Shakespeare, Comedy of Manners, Commedia dell-Arte, Theatre of the Absurd, Augusto Boal's Theatre of the Oppressed, and the Meisner Technique. Study will include vocal and physical work.

**THEA 426 - Career Preparation .....3 hours**

Prereq: junior or senior standing

Preparation of performance students with the tools necessary for employment in the professional Theatre world and/or entry into graduate training programs. Course will include development of resumes, curriculum vitas, and portfolios; headshots; role-playing and mock interviews; and an examination of graduate schools, regional and national theatre companies, and audition opportunities. Participation in simulated audition scenarios will play a major role in the course.

**THEA 430 - Modern Dramatic Theory .....3 hours**

Prereq: THEA 120GS or permission of instructor

Examination of the basic theories of theatre practice and dramatic literature from 1870 to the present. Realism/Naturalism and 20th Century Postmodernism will be emphasized.

**THEA 436 - Advanced Technical Theatre .....3 hours**

Prereq: THEA 135

Exploration of advanced methods and materials utilized in contemporary technical theatre. Students will become familiar with techniques in mechanical drafting, computer-aided drafting, metalworking, wood turning, foam sculpting, painting, and other technical areas.

**THEA 438 - Technical Direction .....3 hours**

Prereq: THEA 436\*

Study of the theory and practice of technical direction for the performing arts and the role of the technical director in the collaborative production process. Course content is focused on the development of skills and techniques for scenery construction, stage rigging, technical drafting, budgeting time and resources, and management.

**THEA 447 - Lighting Design.....3 hours**

Prereq: THEA 296\*

Examination of the mechanics, principles, and practices of lighting for the stage. Course will include: analysis of scripts for lighting design, application of design elements, introduction to lighting equipment and control systems, study of color theory, development and execution of light plots, and an overview of electricity. Hands-on training during mainstage light hang/focus, as well as various design projects will enhance the overall experience.

**THEA 460 - Independent Study and Research ..... 1-3 hours**

Prereq: permission of instructor

Independent study or research of a theatre-related topic under the direction of a Theatre Department faculty member. Proposals for study or research must be submitted to the appropriate faculty advisor prior to registering for this course.

**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.

Offered by Department of Economics  
College of Business and Technology

**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.

Offered by the Women's and Gender Studies Program

**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.



# College Of Nursing, Kearney Division

## Steven R. Pitkin, Assistant Dean

*Assistant Professors:* Mertz, Miller, Nickel, Pitkin

*Nurse Specialists:* Bentz, Daue

*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

### 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 course 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](http://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](http://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.

Offered by UNMC College of Nursing Kearney Division

**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 &gt;17

**OR**

MATH 101, Intermediate Algebra..... 3 hour

Take all of the following:

BIOL 225, Human Anatomy  
and Physiology I .....4 hoursBIOL 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 hoursCHEM 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**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 160GS, Personal Money  
Management .....3 hoursPSCI 110GS, Introduction to American  
Politics .....3 hoursPSCI 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*



## Undergraduate Nursing Courses

## 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 268 - Health Assessment and Promotion.....4 credits**

The major focus of this course is a holistic approach to lifespan assessment of the well individual. Through the processes of knowing, relating, and developing the student will attain a better understanding of self and others. Students will examine health beliefs, identify factors impacting adoption of healthy lifestyle, and develop a health promotion plan for self and others. Students will use knowledge from prerequisite and concurrent courses as they obtain health histories and perform physical examinations on selected clients. They will identify expected findings, identify the presence of alterations, and explore health promotion behaviors. Further skills to be developed include: interviewing, developing a narrative, formulating a health history, developing assessment skills in the physical, psychosocial, developmental, cultural, spiritual, and environmental areas. Completed assessments will be used in the framework of the nursing process. The role of the nurse as a competent, caring professional will be applied to health assessment and health promotion. Class - 2.5 credit hours. Lab - 1.5 credit hours. Prerequisite or Concurrent: NU 262 and NU 280.

**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.

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**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 Level 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 and developing are expanded to include aggregates and multidisciplinary in this community-focused experience. The influence of cultural diversity, economics, politics, environments, and ethics as they impact community health nursing practice are explored throughout the course. Opportunities to practice comprehensive, independent nursing care roles and function in unstructured, diverse health care environments 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.

# Faculty

## A

### Peggy Abels

Director of Health Science Programs; 1996; B.S.E., M.S.E., University of Nebraska at Kearney.

### Megan Adkins-Gangwish

Lecturer in Health, Physical Education, Recreation and Leisure Studies; 2008; B.S.Ed., University of Nebraska-Lincoln; M.S.Ed., University of Nebraska at Kearney.

### Julia Agard

Assistant Professor of Teacher Education; 1974; B.S., Mankato State University; M.S.Ed., Kearney State College.

### Vijay Kumar Agrawal

Associate Professor of Management Information Systems; 2001; B.E., University of Indore, India; M.B.A., University of Toledo; M.S., Bowling Green State University, Ph.D., University of Millia Islamia, India.

### Mary Elizabeth Ailes

Professor of History; 1997; B.A., Pacific Lutheran University; M.A., Ph.D., University of Minnesota.

### Abodule (Shahram) Alavi-Behbanhani

Assistant Professor of Computer Science and Information Systems; 1983; B.A., Iranian Institute of Advanced Accounting, Tehran, Iran; M.S., Oklahoma City University; M.S., University of Arkansas.

### Marc Albrecht

Associate Professor of Biology; 1996; B.S., Denison University; M.S., Miami University of Ohio; Ph.D., University of Oklahoma.

### Donna Alden

Associate Professor of Art Education; 2004; B.A., University of Illinois; M.S., Kansas State University; Ph.D., University of Missouri.

### Kelly Alexander

Instructor in Military Science; 2009; B.S., Brewton-Parker College.

### Barbara Amundson

Senior Lecturer in Health, Physical Education, Recreation and Leisure Studies; 2001; B.S., M.A.Ed., University of Nebraska at Kearney.

### Stephen G. Amundson

Senior Lecturer in Industrial Technology; 1997; B.S., Mankato State University, M.B.A., University of Nebraska at Kearney.

### Gregory L. Anderson

Associate Professor and Reference Librarian, Library; 1988; B.A., St. Olaf College; M.A.L.I.S., University of Wisconsin-Madison.

### John Anderson

Professor of Political Science; 1993; B.S., B.A., M.A., University of Wyoming; Ph.D., Washington State University.

### Teara Archwamety

Professor of Counseling and School Psychology; 1979; B.Ed., Chulalongkorn University; Ph.D., University of Minnesota.

### Mariela Arrieta

Lecturer in Modern Languages; 2004; M.A.Ed., University of Nebraska at Kearney; Degree in Fonoaudiología, Colegio Mayor de Nuestra Señora del Rosario, Bogotá, Colombia; Specialized Degree in Audiology, University Escuela Colombiana de Rehabilitación, Bogotá, Colombia.

### Sylvia Asay

Associate Professor of Family Studies and Interior Design; 1991; B.S., M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln.

### William Avilés

Associate Professor of Political Science; 2002; B.A., Florida International University; M.A., Ph.D., University of California at Riverside.

## B

### Nathan Barry

Lecturer in Industrial Technology; 2008; B.S., University of Nebraska at Kearney; M.B.A., MidAmerica Nazarene University.

### Cheri Barta

Assistant Professor of Chemistry; 2008; B.S., University of Nebraska at Kearney; Ph.D., University of British Columbia.

### Roderick Todd Bartee

Associate Professor of Health, Physical Education, Recreation and Leisure Studies; 2009; B.S.Ed., University of Nebraska; M.A., University of Alabama; Ph.D., University of Alabama and University of Alabama-Birmingham.

### Pradeep Barua

Professor of History; 1996; B.A., Elphinstone College; M.A., University of Bombay; Ph.D., University of Illinois at Urbana-Champaign.

### Elaine Batenhorst

Associate Professor of Teacher Education; 1980; B.A., M.A.Ed., Kearney State College; Ph.D., University of Nebraska-Lincoln.

### David A. Bauer

Professor of Music; 1984; B.M. Ed., Ft. Hays State University; M.M.Ed., University of Missouri; Ed.D., Arizona State University.

### John T. Bauer

Assistant Professor of Geography and Earth Science; 2006; B.S., Southwest Missouri State University; M.A., Ph.D., University of Kansas.

### Maria del Sol Beck

Senior Lecturer in Modern Languages; 2007; B.A., University of Nebraska at Kearney; M.A., Kansas State University.

### Joseph Benz

Professor of Psychology; 1989; B.S., M.A., Ph.D., University of Nebraska-Lincoln.

### Kathryn N. Benzel

Professor of English and Martin Chair Distinguished Professor in English; 1987; B.Ed., M.A., University of Toledo; Ph.D., University of Illinois at Urbana-Champaign.

### Charles J. Bicak

Senior Vice Chancellor for Academic and Student Affairs and Professor of Biology; 1992-2005, 2009; B.S.Ed., University of Nebraska at Kearney; M.S., University of British Columbia, Vancouver, Canada; Ph.D., Colorado State University.

### Douglas Biggs

Assistant Professor of History; 2008; B.A., M.A., Iowa State University; Ph.D., University of Minnesota, Twin Cities.

### Paul Bishop

Professor of Health, Physical Education, Recreation and Leisure Studies; 1974; B.S., Ft. Hays State University; M.S., Bowling Green State University; Ed.D., University of Utah.

### Joan Blauwkamp

Chair and Associate Professor of Political Science; 1997; B.A., Wheaton College; M.A., Ph.D., University of Iowa.

**Susanne George Bloomfield**

Professor of English; 1988; B.A., M.A.Ed., Kearney State College; Ph.D., University of Nebraska-Lincoln.

**Vijendra K. Boken**

Associate Professor of Geography and Earth Science; 2007; B.S., Pant University of Agriculture and Technology, Pantnagar, India; M.S., Asian Institute of Technology, Bangkok, Thailand; M.S., University of Jodhpur, India; Ph.D., University of Manitoba.

**Kurt Borchard**

Professor of Sociology; 1998; B.A., University of Alaska; M.A., University of Colorado at Colorado Springs, Ph.D., University of Nevada Las Vegas.

**Karl J. Borden**

Professor of Accounting/Finance; 1986; A.B., Colgate University; M.Ed., Ed.D., University of Massachusetts; M.B.A., University of Cincinnati.

**Karen Bostic-Frederick**

Assistant Professor of Teacher Education; 2008; B.S., University of Nebraska at Omaha; M.A.Ed., Ed.S., Louisiana State University.

**Deborah Bridges**

Faculty Assistant to SVCASA and Professor of Economics; 1997; B.S., M.S., University of Wyoming; Ph.D., Washington State University.

**Wayne Briner**

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# Health Science Programs

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Judy Billings, Nursing, 1976-2005

Linda Jensen, Nursing, 1978-2007

Carol Ott, Nursing, 1984-2008

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 Janice Barton-Zimmerman, Business Administration/Business Education, 1987-2006  
 Gordon Blake, Economics, 1963-1999  
 Elsie Cafferty, Business Administration/Business Education, 1974-2001  
 Margaret Camp, Accounting/Finance, 1976-2008  
 Sharyn M. Crossman, Family and Consumer Sciences, 1987-1998  
 Beverly Curry, Family and Consumer Sciences, 1990-2003  
 Mildred Duffy, Home Economics, 1970-1983  
 Josee Forell, Family Studies and Interior Design, 1982-2001  
 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  
 Wilma Larsen, Home Economics, 1955-1987  
 Carl Lewis, Economics, 1969-1992  
 Ora F. Lindau, Industrial Education, 1958-1982  
 James A. Miller, Industrial Technology, 1968-1999  
 Jon William Nelson, Management/Marketing, 1967-1996  
 Earl E. Rademacher, Accounting/Finance, 1960-1997  
 Helen Redden, Family and Consumer Science, 1966-1991  
 Sam C. Reno, Management/Marketing, 1967-2001  
 Jerry Ridgley, Management/Marketing, 1984-2003  
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 Ruth Schmitz, Marketing, 1972-2004  
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 Donald G. Sluti, Management, 1992-2008  
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## College of Education

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 Gerald Baker, Education, 1969-1991  
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 L. Claire Boroff, Health, Physical Education, Recreation and Leisure Studies, 1969-1999  
 Kathy Carpenter, Learning Skills Center, 1975-2001  
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 Tom Contine, Teacher Education, 1987-2001  
 Don Dahlin, Educational Administration, 1967-1989  
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 Marilyn Hadley, Teacher Education, 1992-2006  
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 Robert Hauver, Physical Education, 1959-1988  
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 Donald Lackey, Physical Education, Recreation and Leisure Studies, 1969-1998  
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Faculty  
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 Jean C. Ramage, Counseling & School Psychology, 1995-2002  
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 Merwin G. Roeder, Physical Education, 1964-1995  
 Leonard C. Skov, Education, 1965-1997  
 Marvin S. Spracklen, Counseling & School Psychology, 1965-1990  
 Wilma Stutheit, Elementary Education, 1963-1991  
 John Toker, Counseling & School Psychology, 1967-1988  
 Thomas Walsh, Professional Teacher Education, 1988-1999  
 Paul R. Welter, Counseling & School Psychology, 1968-1992  
 Allen Zikmund, Physical Education, 1955-1987

## College of Fine Arts and Humanities

Dwight Adams, English, 1956-1988  
 David Anderson, English, 1966-2001  
 Arthur Bates, Music, 1963-1992  
 Betty Becker-Theye, Modern Languages, 1967-2000  
 Michael A. Benzel, English, 1987-2005  
 Christine Boeckl, Art and Art History, 1991-2003  
 Donald K. Briggs, Journalism and Sports Information Director, 1957-1990  
 Richard D. Cloyed, English, 1961-1994  
 Robert Cocetti, Communication, 1971-2007  
 Hal O. Colony, English, 1962-1994  
 Richard Detsch, Modern Languages, 1977-2000  
 John N. Dinsmore, Art, 1968-2006  
 C. Thomas Draper, Journalism and Mass Communication, 1986-1997  
 Maurine C. Eckloff, Communication, 1962-2006  
 Gerald Feese, Music, 1963-1986  
 Paul Fritton, English, 1964-1988  
 Edna L. Furness, English, 1961-1972  
 Thomas Godfrey, English, 1963-1995  
 Marion Grandone, English, 1968-2005  
 Kern L. Harshbarger, Art and Art History, 1999-2007  
 Harland L. Hoffman, English, 1962-1993  
 Elmer Holzrichter, Art, 1963-1988  
 Doyle Howitt, Speech Communication and Theatre Arts, 1963-1995  
 James Hullinger, Speech Communication and Theatre Arts, 1985-2000  
 Richard F. Jussel, English, 1969-2001  
 Jack Karraker, Art, 1961-2006  
 Robert Kirby, English, 1969-1992  
 Fred Koontz, Speech Communication and Theatre Arts, 1966-1990  
 Mary A. Lierley, Art, 1970-1990  
 Keith Lowry, Art and Art History, 1962-1997  
 Mildred Macdonald, Music, 1958-1985  
 James M. May, Art, 1968-2006  
 Roberta A. McKenzie, Journalism and Mass Communication, 1976-1996  
 Lon Pearson, Modern Languages, 1991-2007  
 Charles Peek, English, 1987-2008  
 Larry D. Peterson, Art and Art History, 1966-2000

Jean M. Pettit, English, 1954-1973  
 Vernon L. Plambeck, English, 1964-2000  
 James Rundstrom, Journalism and Alumni Association Director, 1968-2008  
 Raymond Schultze, Art and Art History, 1965-2000  
 B. David Sinclair, English, 1967-2006  
 Arnold Sivils, Music, 1965-2000  
 Helen Winter Stauffer, English, 1968-1990  
 Gary F. Thomas, Music, 1957-1994  
 Don L. Welch, English, 1959-1997  
 Nancy E. Whitman, Music and Dance, 1972-1997  
 J. Thomas York, Modern Languages, 1966-2001  
 Gary E. Zaruba, Art and Art History, 1967-2005  
 Annabell Zikmund, Music, 1983-2002

### College of Natural and Social Sciences

Richard Barlow, Mathematics and Statistics, 1966-2007  
 A. Steele Becker, Geography and Earth Science, 1964-2007  
 Gordon E. Bennett, Geography and Earth Science, 1975-2006  
 Peter Blickensderfer, Chemistry, 1966-1995  
 Dennis Brown, Criminal Justice, 1977-2007  
 Donn A. Carlson, Physics and Physical Science, 1967-2007  
 Roger Carlson, Physics and Physical Science, 1970-2000  
 R. David Clark, Chemistry, 1975-2003  
 Robert R. Colling, Mathematics, 1965-1993  
 William Cupp, Sociology, 1977-1986  
 M. Stanley Dart, Sociology, Geography and Earth Science, 1968-2007  
 Myron Fougeron, Biology, 1967-1993  
 Robert Gerten, Physics and Physical Science, 1991-2007  
 Michael L. Gintzler, Sociology, 1969-1998  
 Marvin E. Glasser, Physics and Physical Science, 1970-2000  
 M. Kim Gronewold, Biology, 1972-2008  
 Keith Heaton, Political Science, 1966-1987  
 Richard W. Ikenberry, Biology, 1965-1999

Marilyn Jussel, Computer Science and Information Systems, 1977-2001  
 Don Kaufman, Chemistry, 1969-2008  
 John F. Kuecker, Chemistry, 1965-1995  
 Robert D. Lind, Geography, 1967-2003  
 Otto Lohrenz, History, 1966-1990  
 Stanley Longfellow, Biology, 1966-1999  
 Douglas E. Lund, Biology, 1962-1999  
 Ernest P. Matuschka, Psychology, 1970-1990  
 Peggy I. Miller, Mathematics and Statistics, 1986-2005  
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 Charles G. Pickens, Mathematics and Statistics, 1960-2001  
 Ruth A. Pigott, Sociology, 1974-2000  
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 Marvin C. Williams, Biology, 1966-2000  
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 Mary Ann Barton, Library, 1997-2007  
 Sharon L. Mason, Library, 1981-2006  
 Mary Mendenhall, Library, 1966-1988  
 James C. Rowling, Library, 1975-2008  
 Doris Timperley, Library, 1957-1987

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 Nester William, Chancellor, 1983-1993



# Appendix, Computing Policies

## 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.

### 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.

04/23/2009

## 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.

- h. Violating any software license or copyright, including copying or redistributing copyrighted software, without the written authorization of the software owner.
- i. 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.)
- j. 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.
- 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 (including computerized records, permits, identification cards, or other documents or property).
- 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 computer.
- t. Transporting illegal, proprietary or damaging material across a University network.
- u. Personal use of any University information system to access, download, print, store, forward, transmit or distribute obscene material.
- v. 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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