GETTING STARTED

1. Steps to Graduate Admissions
   www.unl.edu/gradstudies/prospective/steps/
   UNL Graduate Studies
   1100 Seaton Hall
   Lincoln, NE 68588-0619
   (402) 472-2878 or (800) 742-8800 ext. 2878

2. Enroll in courses
   myred.unl.edu
   Distance students should enroll in courses as soon as possible as space may be limited in some courses.
   To enroll in classes, you’ll need your eight-digit NU ID Number that you received from Graduate Studies upon acceptance to UNL. To find distance courses when using Class Search in MyRED, choose “Distant Delivery” as the location in the Advanced Search Criteria section.

Courses listed in this catalog are subject to change. The most up-to-date list of courses is available in MyRED. For instructions, please refer to http://www.unl.edu/regrec/registration-tips-and-techniques.

3. Purchase your textbooks
   Information about required textbooks for UNL courses can be obtained from the University Bookstore. You are not obligated to purchase your books from this vendor.
   University Bookstore
   Lower Level—Nebraska Union
   Lincoln, NE 68588-0460
   (402) 472-7300 or (800) 735-6835
   Fax: (402) 472-7385
   E-mail: nutext@unl.edu
   www.unebraska.bookstr.com

4. Know where and how to access your course
   Access to high speed Internet and e-mail are required for all distance courses. Some courses have specific computer and equipment requirements. These requirements are listed under the college headings throughout this course catalog.
   UNL distance courses are delivered through Blackboard, an online learning management system. Blackboard can be accessed at my.unl.edu.

5. Pay tuition balance
   View your bill and due dates at myred.unl.edu. For instructions, please refer to http://studentaccounts.unl.edu/accessing-your-bill-myred.
   Tuition and Fees
   http://studentaccounts.unl.edu/tuitionfee/12-13

ACADEMIC CALENDAR
   www.unl.edu/creg/calendar/calendar_main.shtml

TECHNICAL AND COMPUTER SUPPORT
   Information Services Computer Help Center
   www.unl.edu/helpdesk
   (866) 472-3970 (toll free)
   (402) 472-3970 (local)
   E-mail: helpdesk@unl.edu

LIBRARY SERVICES
   University Libraries
   Professor Kate Adams
   Distance Education Coordinator
   (402) 472-2560
   E-mail: kadams1@unl.edu
   http://libraries.unl.edu
AGRICULTURAL SCIENCES &  
NATURAL RESOURCES

casnr.unl.edu

To enroll in courses with suppressed class numbers (**), contact the department for permission and they will provide you with the class number.

• Agricultural Economics (AECN): (402) 595-2346
• Agricultural Leadership, Education, and Communication (ALEC): (402) 472-2807
• Agricultural Sciences (AGRI): (402) 472-2201
• Agronomy & Horticulture (AGRO & HORT): (402) 472-1560
• Animal Sciences (ASCI): (402) 472-3571
• Entomology (ENTO): (402) 472-2123
• Veterinary & Biomedical Sciences (VBMS): (402) 472-2952

Computer Requirements

Agronomy and Horticulture

• Minimum 56K modem access to Internet
• Some courses require CD-Rom or free player plug-ins
• Blackboard access

Entomology

Courses may use a combination of the following:

• Internet: 56K modem required, high speed Internet connection recommended
• CD-ROM
• DVD player
• E-mail
• Blackboard access
• Adobe Reader
• RealPlayer and possibly similar programs
• PowerPoint
• Microsoft Word

Ag Leadership, Education and Communication

Developing Leadership Capacity in Organizations and Communities

ALEC 802 700 3 credits  Class # 2275
Instructor: Gina Matkin
Prerequisite: ALEC 801 or equivalent
Leadership capacity in individuals and organizations. Impact of leadership on organizational outcomes and means for diagnosing leadership developmental needs. Assessing, creating and implementing a comprehensive leadership development program for an organization or community.

Problems of Beginning Agriscience Teachers

ALEC 804 700 2-5 credits  Class # 1183
Instructor: Matthew Kreifels
Prerequisite: Department consent
Problems in instructional planning and methodology and in organizing secondary and continuing education, FFA, and agriculture experience programs.

Supervisory Leadership

ALEC 807 700 3 credits  Class # 1184
Instructor: Staff
Prerequisite: ALEC 801
Knowledge and theoretical basis for practicing supervisors in a changing workplace where supervisors have increasing responsibilities due to the flattening of organizational structures. Solving supervisory challenges in organizing and planning, problem solving and decision making, performance appraisal, and leading a diverse workforce.

Independent Study in Leadership Education

ALEC 896 700 1-9 credits  Class # 1191
Instructor: Staff
Prerequisite: 12 hrs. leadership education or closely related areas and permission.
Projects in research, literature review, or extension of course work.
## Master's Thesis
ALEC 899 700 1-10 credits  Class # 1193
Instructor: Staff  
Prerequisite: Admission to the master's degree program and permission of major adviser

## Program Development in Occupational Education
ALEC 913 700 3 credits  Class # 2081  
Instructor: Lloyd Bell  
Philosophy and objectives of occupational education. Techniques of program development, choosing instructional areas, determining sequences, planning time distributions, integrated course of study and meeting individual needs, youth activities.

## Doctoral Seminar in Leadership Studies
ALEC 995 700 3 credits  Class # ****  
Instructor: Staff  
Prerequisite: Admission to the Master of Applied Science degree. Design, develop and complete a project that requires synthesis of the course topics covered in the primary area of emphasis. 

## Research Other Than Thesis
ALEC 996 700 2-6 credits  Class # 1200  
Instructor: Staff  
Prerequisite: Permission. Research in selected problems in leadership education.

## Agricultural Sciences

### Scientific Illustration
AGRI 826 700 3 credits  Class # 2178  
Instructor: Lana Johnson  
Special Fee: $10.00  
Prepare scientifically accurate, high quality illustrations and graphics for the teaching, presentation, and publication of scientific information. Drawing techniques, drafting, copyright, and publication and presentation of scientific art work.

## Masters: Agriculture Project

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 897</td>
<td>1-6</td>
<td>1073</td>
</tr>
<tr>
<td>AGRO 897</td>
<td>1-6</td>
<td>1141</td>
</tr>
<tr>
<td>HORT 897</td>
<td>1-6</td>
<td>1457</td>
</tr>
</tbody>
</table>

Instructor: John Markwell  
Prerequisite: Admission to Masters of Agriculture degree program. Project activity for the Master of Applied Science degree.

## Agronomy

### Turfgrass Disease Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRO 814</td>
<td>1</td>
<td>2064</td>
</tr>
<tr>
<td>HORT 814</td>
<td>1</td>
<td>2066</td>
</tr>
<tr>
<td>PLPT 814</td>
<td>1</td>
<td>2063</td>
</tr>
<tr>
<td>TLMT 814</td>
<td>1</td>
<td>2068</td>
</tr>
</tbody>
</table>

Instructor: Gary Yuen  
Prerequisite: PLPT 369 or an introductory plant pathology course. Pathogens, epidemiology, and control of diseases specific to turfgrass. Access to the World Wide Web (WWW) and e-mail required.

### Heterosis

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRO 816A</td>
<td>1</td>
<td>9794</td>
</tr>
</tbody>
</table>

Instructor: Thomas Hoegemeyer  
Classical concepts of heterosis; genetic hypotheses for hybrid vigor; quantitative genetics of heterosis; new tools to study hybrid vigor, structure and function; organization of germplasm into heterotic groups; prediction of heterosis and hybrid performance; mechanisms for making hybrid seed; and breeding methods/concepts for developing hybrids in plants.
Animal, Food and Industrial Uses of Grain
AGRO 837 700 2 credits  Class # 1130
Dates: 1/7/2013 – 2/22/2013
Instructor: Stephen Mason
Prerequisite: CHEM 105 or 109 and one of the following: AGRO 204 or ASCI 250.
Identification of grain quality characteristics desired by livestock feeders, human food processors and industrial uses, and methods used to measure these characteristics.

Producing Grain for Animal, Food and Industrial Uses
AGRO 838 700 1 credit  Class # 1131
Dates: 2/25/2013 – 4/12/2013
Instructor: Stephen Mason
Prerequisite: CHEM 109 and one of the following: AGRO 204 or ASCI 250. AGRO 315 and 437/837 recommended.
Genetic development, production practices, and grain handling and storage procedures to deliver quality grain to livestock feeders, human food processors and industrial uses.

Grassland Plant Identification
AGRO 851 700 2 credits  Class # 2129
Instructor: Cheryl Dunn
Prerequisite: Admission to UNL’s Graduate School, and BIOS 101 and 101L and AGRO 240, or their equivalents.
Study of plants that have ecological and/or agricultural importance in the Great Plains. Plant identification, grassland ecosystems and plants' forage value, palatability and utilization by both domestic livestock and wildlife. Cultural and historical uses of grassland.

Business Management for Agricultural Enterprises
AGRO 888 700 3 credits  Class # 20846
EAEP 888 700 3 credits  Class # 20851
ENTR 888 700 3 credits  Class # 20853
HORT 888 700 3 credits  Class # 20842
Instructor: David Lambe
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.

Master of Applied Science Project
AGRO 897 700 1-6 credits  Class # 1141
AGRI 897 700 1-6 credits  Class # 1073
HORT 897 700 1-6 credits  Class # 1457
Instructor: John Markwell
Prerequisite: Admission to Masters of Applied Science degree program
Project activity for the Master of Applied Science degree. Design, develop and complete a project that requires synthesis of the course topics covered in the primary area of emphasis.

Biometrical Genetics and Plant Breeding
AGRO 932 700 3 credits  Class # 9785
STAT 932 700 3 credits  Class # 9786
Instructor: Aaron Lorenz
Prerequisite: AGRO 931
Theoretical concepts involved in planning breeding programs for the improvement of measurable morphological, physiological, and biochemical traits that are under polygenic control in crop plants of various types.

Engler Agribusiness Entrepreneurship Program

Business Management for Agricultural Enterprises
EAEP 888 700 3 credits  Class # 20851
AGRO 888 700 3 credits  Class # 20846
ENTR 888 700 3 credits  Class # 20853
HORT 888 700 3 credits  Class # 20842
Instructor: David Lambe
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.
### Entomology

#### Medical Entomology
ENTO 815 700 3 credits  Class # 9734  
Instructor: Steven Robertson  
Direct and indirect importance of insects in human medicine. Principles of arthropod-borne disease, medically important arthropod groups, and arthropod-transmitted diseases.

#### MS Degree Project
ENTO 888 700 4 credits  Class # 1357  
Instructor: Robert Wright, Stephen Danielson, Thomas Weissling  
Prerequisite: Completion of 24 hrs toward the MS degree. Application of graduate course work for the non-thesis MS degree program.

#### Independent Study in Entomology
ENTO 896 700 1-6 credits  Class # ****  
Instructor: Stephen Danielson  
Prerequisite: 12 hrs BIOS or Agricultural Sciences and permission  
Individual or group projects in research, literature review, or extension of course work. Independent study contracts for ENTO 896 must be filed with the department.

### Entrepreneurship

#### Business Management for Agricultural Enterprises
ENTR 888 700 3 credits  Class # 20853  
AGRO 888 700 3 credits  Class # 20846  
EAEP 888 700 3 credits  Class # 20851  
HORT 888 700 3 credits  Class # 20842  
Instructor: David Lambe  
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.

### Food Science Technology

#### Doctoral Dissertation
FDST 999 700 1-10 credits  Class # ****  
Instructor: Staff

### Horticulture

#### Turfgrass Disease Management
HORT 814 700 1 credit  Class # 2066  
AGRO 814 700 1 credit  Class # 2064  
PLPT 814 700 1 credit  Class # 2063  
TLMT 814 700 1 credit  Class # 2068  
Instructor: Gary Yuen  
Prerequisite: PLPT 369 or an introductory plant pathology course. Pathogens, epidemiology, and control of diseases specific to turfgrass. Access to the World Wide Web (WWW) and e-mail required.
**Integrated Weed Management**

HORT 822 700 1 credits  Class # 8583  
AGRO 822 700 1 credits  Class # 8582  
Instructor: Steven Knezevic  
Prerequisite: 12 hrs AGRO and/or closed related HORT and/or BIOS.  

---

**Business Management for Agricultural Enterprises**

HORT 888 700 3 credits  Class # 20842  
AGRO 888 700 3 credits  Class # 20846  
EAEP 888 700 3 credits  Class # 20851  
ENTR 888 700 3 credits  Class # 20853  
Instructor: David Lambe  
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest. HORT 888 requires the completion of a shadowing assignment and the analysis of case studies.

---

**Masters Agriculture Project**

HORT 897 700 1-6 credits  Class # 1457  
AGRO 897 700 1-6 credits  Class # 1141  
AGRI 897 700 1-6 credits  Class # 1073  
Instructor: John Markwell  
Prerequisite: Admission to Masters of Applied Science degree program  
Project activity for the Master of Applied Science degree. Design, develop and complete a project that requires synthesis of the course topics covered in the primary area of emphasis.

---

**Natural Resources**

**Laboratory Earth: Earth's Natural Resource Systems**

NRES 814 700 3 credits  Class # 1549  
Instructor: Russanne Low  
Fundamental concepts in the Earth and physical sciences in the understanding of Earth's natural resource systems. Rock and mineral, water, soil, and energy resources. Social factors, human dependence, and the impact of these on natural resource systems.

---

**Plant Pathology**

**Turfgrass and Landscape Management**

**Turfgrass Disease Management**

PLPT 814 700 1 credit  Class # 2063  
TLMT 814 700 1 credit  Class # 2068  
AGRO 814 700 1 credit  Class # 2064  
HORT 814 700 1 credit  Class # 2066  
Instructor: Gary Yuen  
Prerequisite: PLPT 369 or an introductory plant pathology course.  
Pathogens, epidemiology, and control of diseases specific to turfgrass. Access to the World Wide Web (WWW) and e-mail required.

---

**Veterinary & Biomedical Science**

**Seminar**

VBMS 909 700 1-4 credits  Class # 1656  
Instructor: David Hardin  
Prerequisite: Permission  
Time: M 4:00 - 4:50 PM CT

---

**Research on Selected Problems in Veterinary Science**

VBMS 996 700 2-10 credits  Class # ****  
Instructor: Staff  
Prerequisite: Permission
GP IDEA and AG*IDEA

www.gpidea.org

The Great Plains and AG Interactive Distance Education Alliance (IDEA) are a multi-state alliance of universities which share courses in order to offer fully online programs. The following distance programs are offered at UNL through the alliance:

- Community Development Concentration within the Master of Applied Science
- Graduate Certificate in Advanced Horticulture
- Graduate Certificate in Floriculture & Nursery Production Management
- Graduate Certificate in Food Safety and Defense
- Graduate Certificate in Grasslands Management
- Graduate Certificate in Ornamentals, Landscape & Turf

For information on the GP IDEA and AG*IDEA programs listed above contact:
Diane Wasser
(402) 472-6251
Dwasser1@unl.edu
The Master of Science in Architecture degree offers a Specialization in Interior Design. The Specialization in Interior Design within the Master of Science Degree in Architecture is a post professional, scholarly research based curriculum. This 36 credit hour program of study is designed for those students who have successfully completed a CIDA accredited (formerly FIDER) undergraduate degree in interior design or closely related field.

To enroll in courses with suppressed class numbers (**), contact the department for permission to register and they will provide you with the class number.

Architecture & Interior Design (ARCH & IDES): (402) 472-4065

For more information contact:
Dr. Betsy Gabb
(402) 472-9245
Fax: (402) 472-3806
E-mail: bgabb1@unl.edu or
Graduate Admissions Coordinator
(402) 472-4065
Fax: (402) 472-3806

Computer Policy — Interior Design
All students in the College of Architecture’s Interior Design program (UNL and UNO) are required to lease, purchase or have ready access to a laptop computer that meets or exceeds the specifications listed below. Students in the Interior Design program are restricted to the PC platform. This notebook computer is an integral tool in architectural education.

MUST HAVE:
• Microsoft Windows ME, 2000, XP or Mac OS X
• Microsoft Office for Windows ME, 2000, XP or Mac OS X
• Internet Explorer 6.0 or Firefox 1.0
• 56K modem (min), high speed connection preferred (firewall-free)

NICE TO HAVE:
• 1 GHz processor
• 20GB Hard Drive
• 256MB of Ram
• Sound card and speakers
• External microphone
• Web cam

Architecture

Master’s Thesis
ARCH 899  700  1-10 credits  Class # 2579
Instructor: Staff
Projects to place special emphasis upon a major field of interest. Design problem or written thesis.

Interior Design

Evolving Issues in Interior Design
IDES 886  700  3 credits  Class # 2527
Instructor: Erin Troholz
Prerequisite: Admission to the BSD program.
Contemporary and controversial issues. Nuances of the field and practice of interior design and its relationship to the allied design disciplines.

Selected Topics: Suburban Housing
IDES 891  700  3 credits  Class # 2627
Instructor: Lindsey Bahe
Group investigation of a topic in interior design originated by instructor.

Problems in Interior Design
IDES 898  701  1-6 credits  Class # 2573
IDES 898  702  1-6 credits  Class # 2574
Instructor: Staff
Individual investigation of a topic in interior design.
COLLEGE OF ARTS & SCIENCES

http://cas.unl.edu/

The College of Arts and Sciences is the oldest and largest college at the University of Nebraska-Lincoln. Its departments and programs — from Physics and Astronomy to Sociology to Center for Great Plains Studies — are united in their diversity by a commitment to the value of the liberal arts education. The faculty and staff are internationally recognized scholars, innovative researchers and award-winning teachers, and dedicated to sharing their knowledge and ideas with students.

Mathematics

Mathematics for High School Teachers I
MATH 807  700  3 credits  Class # 3642
Instructor: Staff
Prerequisite: MATH 208 and 310.
Analysis of the connections between college mathematics and high school algebra and precalculus.

Psychology

Motivation and Emotion
PSYC 862  700  3 credits  Class # 4389
Instructor: Manda Williamson
Major problems and methods involved in the study of motivation and emotion including theoretical considerations.

Human Sexuality and Society
PSYC 871  700  3 credits  Class # 4390
Instructor: Rosemary Esseks
Interdisciplinary approach to human sexuality in terms of the psychological, social, cultural, anthropological, legal, historical, and physical characteristics of individual sexuality and sex in society. Open to advanced students planning careers in the professions in which knowledge of human behavior and society is important (e.g., helping professions, medicine, law, ministry, education, etc.).

Statistics

Biometrical Genetics and Plant Breeding
STAT 932  700  3 credits  Class # 9786
AGRO 932  700  3 credits  Class # 9785
Instructor: Aaron Lorenz
Prerequisite: AGRO 931
Theoretical concepts involved in planning breeding programs for the improvement of measurable morphological, physiological, and biochemical traits that are under polygenic control in crop plants of various types.

BUSINESS ADMINISTRATION

Online MBA Program
http://mba.unl.edu/distance/index.aspx

The MBA program at the University of Nebraska-Lincoln is offered in a convenient, online format.

Enrollment Process
MBA courses are available to students who have been admitted to the UNL Distance MBA program. Prior to enrolling in these courses, you should contact:

Kerri Hiatt
Distance MBA Programs
Phone: (402) 472-9033
E-mail: khiatt3@unl.edu

Accelerated Schedule
To better serve you, we offer our online courses in a modular format rather than the traditional semester format. We will offer four 10-week modules per year. The dates for the upcoming modules are:

Module 1131A:

Module 1131B:

Consult mba.unl.edu/distance/current/schedule.aspx for all course information.
COLLEGE OF EDUCATION & HUMAN SCIENCES

cehs.unl.edu

The College of Education and Human Sciences is dedicated to strengthening individuals, families, schools and communities. Professionals may earn certificates, teaching and administrative endorsements, and master’s and doctoral degrees through a mixture of online and on-campus formats.

Child, Youth and Family Studies
- MS in Child, Youth and Family Studies, specialization in Family Financial Planning; Family and Consumer Sciences Education; Human and Family Services Administration and Youth Development
- Graduate Certificate in Family Financial Planning
- Graduate Certificate in Youth Development, specializations in Youth Development Specialist and Youth Program Management and Evaluation

Educational Administration
- M.Ed. with area of study in P-12 Education Leadership
- MA or M.Ed. with area of study in Higher Education Leadership
- Ed.D. in Educational Administration, focus in P-12 Education (joint program with UNO)
- Ph.D. or Ed.D. in Educational Studies, specialization in Educational Leadership and Higher Education, (Ph.D. requires 6 credit hours of on-campus attendance)
- Graduate Certificate in Community College Leadership
- Six-year Certificate in Educational Administration and Supervision, Superintendent of Schools
- Graduate Endorsement Programs
  - Elementary Principal
  - Middle Level Principal
  - Secondary Principal
  - Curriculum Supervisor
  - Supervisor of Special Education

Educational Psychology
- Nutrition and Health Sciences
- MS in Nutrition and Health Sciences, specialization in Dietetics. Application to this program is open only to Registered Dietitians (RD) or those eligible to take the registration examination.

Special Education and Communication Disorders
- Ed.S. in Special Education & Communication
- Master’s Degrees and/or Endorsements
  - Autism | Severe Disabilities
  - Deaf Education
  - Early Childhood Special Education
  - Mild-Moderate Disabilities
  - Supervisor of Special Education
  - Visual Impairment (P-12) (requires brief on-site instruction in summer)
- Graduate Certificate in Intellectual, Sensory & Developmental Disabilities

Teaching, Learning & Teacher Education
- MA in German Language Education

Textiles, Merchandising and Fashion Design
- M.A. in Textiles, Merchandising and Fashion Design, major in Textile History, emphasis in Quilt Studies (a hybrid program requiring one semester of on-campus attendance)

It is critical for your success that you plan your proposed course work with a faculty member's support and approval.

Department Admission Contacts:
Child, Youth and Family Studies
Lisa King
Phone: (402) 472-7787
E-mail: lking2@unl.edu

Educational Administration
Sheila Hayes
Phone: (402) 472-3729
E-mail: shayes4@unl.edu

Nutrition and Health Sciences
Lori Beals
Phone: (402) 472-3666
E-mail: lbeals2@unl.edu

Special Education and Communication Disorders
Jill England
Phone: (402) 472-2141
E-mail: jengland2@unl.edu

Teaching, Learning, & Teacher Education
Shari Daehling
Phone: (402) 472-3098
E-mail: sdaehling1@unl.edu

Textiles, Merchandising and Fashion Design
Dr. Patricia Crews
Phone: (402) 472-6342
E-mail: pcrews1@unl.edu

Distance classes use online technology. Even though the classes do not “meet” at a scheduled time and place, you are expected to maintain progress with class assignments and interact with the Instructor and other students for a quality learning experience. You must
have a computer and high speed Internet access. You must include your current e-mail address when registering.

**Class numbers**

To enroll in courses with suppressed class numbers (**), contact the department for permission to enroll and they will provide you with the class number.

- Child, Youth, & Family Studies (CYAF): (402) 472-7787
- Education and Educational Psychology (EDUC & EDPS): (402) 472-2223
- Educational Administration (EDAD): (402) 472-3726
- Gerontology (GERO): (402) 472-8209
- Nutrition (NUTR): (402) 472-3716
- Special Education and Communication Disorders (SPED): (402) 472-2145
- Teaching, Learning, & Teacher Education (TLTE): (402) 472-2231
- Textiles, Merchandising and Fashion Design (TMFD): (402) 472-2911

Consult myred.unl.edu for the most current course schedule and class number information.

**Computer Requirements**

In order to access video and other forms of multimedia that are incorporated into distance courses, high speed internet connection is **required**.

**Child, Youth, and Family Studies**

**Administration and Program Management**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYAF 869</td>
<td>3</td>
<td>9676</td>
</tr>
</tbody>
</table>

Instructor: Robert Pick

Introduction to the development, administration and management of youth-serving organizations. Distance education course delivered by Kansas State University and the University of Missouri-Columbia.

**Assessment in Early Childhood**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYAF 874</td>
<td>3</td>
<td>5471</td>
</tr>
</tbody>
</table>

Instructor: Belle Scheef

Prerequisite: 12 hrs CYAF and/or social sciences including CYAF 270 and 270L

Special Fee: $25.00

Selection, use and interpretation of assessment instruments for understanding the developmental level of children, birth through age 8. Assessment of reasoning and thinking processes, concept formulation and social cognition.

**Educational Administration**

**Practicum in Educational Administration and Supervision**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDAD 811</td>
<td>3-4</td>
<td>5494</td>
</tr>
</tbody>
</table>

Instructor: Kent Mann

Prerequisite: Permission

Special Fee: $30.00

Rating and supervision of teachers; principles and procedures in the development of school policies; selection and promotion of teachers; courses of study and professional ethics.

**Higher Education in America**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDAD 832</td>
<td>3</td>
<td>6326</td>
</tr>
</tbody>
</table>

Instructor: James Leist

Prerequisites: 12 hrs in education; 1 yr American History and permission

History and development of America’s colleges and universities and a study of some recent trends and problems in higher education.

**Business Management of Schools**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDAD 835</td>
<td>3</td>
<td>6325</td>
</tr>
</tbody>
</table>

Instructor: Barbara LaCost

Allocation and management of fiscal resources including aspects of financial planning and reporting, budgeting and accounting procedures, purchasing, risk management and insurance, investing and bond issues, and auxiliary service.
College Students in America
EDAD 842  700  3 credits  Class # 20150
Instructor: James Griesen
Special Fee: $30
This course is designed to provide students an understanding of a broad range of facts and issues pertaining to undergraduate college students in America.

Studies in Professional Development Leadership: Professional Learning Cultures
EDAD 846A  700  3 credits  Class # 21344
Instructor: Mary Beth Lehmanowsky-Bakewell
Equips leaders to develop educational organizations that value professional development and match research-based professional learning to meet the daily needs of students. Creation of a professional learning culture to provide opportunity for professional learning opportunities. Improve effectiveness in increasing student achievement.

Faculty and Staff Appraisal
EDAD 851  700  3 credits  Class # 5499
Instructor: Mary Beth Lehmanowsky-Bakewell
Faculty and support staff in P-12 schools: appraisal, professional learning communities, high standards/high performance and accountability.

Supervising Special Education
EDAD 856  700  3 credits  Class # 5501
Dates: M 6:00-8:50 PM CT
Instructor: Reece Peterson
For principals or other administrators who have special education programs in their buildings. Overview of disabilities, related law, special education programs, personnel issues, etc., and instructional methods and administrative support for effective integration of disabled students into regular programs.

Special Education Administration
EDAD 857  700  3 credits  Class # 5502
SPED 857  700  3 credits  Class # 5855
Instructor: Theresa Ourada-Hubka
Intensive preparation for special educators who intend to administer special education programs in the public schools. Information about best practices in special education, including programming, supervision, legal/regulatory issues, financing, personnel, as well as current controversial topics which are affecting these programs in the schools.

Effective Professional Development
EDAD 893  700  3 credits  Class # 6327
Instructor: Kent Mann
Special Fee: $30
The purpose of the Workshop Seminars is to give students in the departments of education an opportunity to work singly or in groups on practical educational problems which are of special focused interest but which are not included in other professional education courses. Workshops are offered on a variety of topics by College faculty and selected educational consultants. As a rule, the individual or group is expected to produce some kind of a product as a part of the workshop experience. The amount of credit in a Workshop Seminar at either the 800 or 900 level may not exceed 12 semester hours in meeting requirements for the masters degree. Upon approval, a maximum of 12 additional semester hours may be included in the program for the doctoral degree.

Independent Study
EDAD 896  700  1-6 credits  Class # ****
Instructor: Brent Cejda
Prerequisite: Permission
Special Fee: $30.00
Selected topic with the direction and guidance of a staff member.

Master’s Thesis
EDAD 899  700  1-10 credits  Class # 5509
Instructor: Staff
Prerequisite: Admission to the master’s degree program and permission of major adviser.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Code</th>
<th>Class #</th>
<th>Instructor(s)</th>
<th>Schedule Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Historical Methods in Educational Research</strong></td>
<td>EDAD 900J</td>
<td>700</td>
<td>Marilyn Grady</td>
<td>Connections in the general study of history to the study of the history of education. Concepts employed in educational historical research and the methods used by historical researchers. The methodology of historical research.</td>
</tr>
<tr>
<td><strong>Analysis in Continuous Improvement</strong></td>
<td>EDAD 904</td>
<td>700</td>
<td>Jody Isernhagen</td>
<td>Analyze how staff attitudes and behaviors are impacted through the improvement process.</td>
</tr>
<tr>
<td><strong>Issues in Governance of Educational Institutions</strong></td>
<td>EDAD 905</td>
<td>700</td>
<td>John Mackiel</td>
<td>Issues in the governance of K-12 schools including administrator–school board roles and relationships.</td>
</tr>
<tr>
<td><strong>Finance in Higher Education: Higher Education Economics/Finance</strong></td>
<td>EDAD 922</td>
<td>700</td>
<td>Barbara LaCost</td>
<td>Federal and state government funding, institutional planning, technological and community influences, human resources finance, budgeting, and sources of financial support as they relate to postsecondary education institutions and agencies.</td>
</tr>
<tr>
<td><strong>The Community/Junior College</strong></td>
<td>EDAD 923</td>
<td>700</td>
<td>Katherine Wesley</td>
<td>Designed particularly for those interested in upper secondary and college levels. Junior college movement; relationship of movement to provisions for an adequate educational program; functions of the junior college; legal status and basis for extension of junior college; problems of organization, administration, and curriculum.</td>
</tr>
<tr>
<td><strong>Administration of Higher Education Instructional Programs</strong></td>
<td>EDAD 924</td>
<td>700</td>
<td>James Leist</td>
<td>Administration of higher education instructional programs. Exploration of curricular issues including an assessment of program quality and reputation, program re-allocations, retrenchments, and expansions.</td>
</tr>
<tr>
<td><strong>Law and Higher Education</strong></td>
<td>EDAD 925</td>
<td>700</td>
<td>David Ison</td>
<td>Examination of legal principles applicable to postsecondary education institutions. Overview of the legal system, postsecondary education institutions as legal entities, authority for governance and administration, faculty rights and responsibilities, student rights and responsibilities, institutional and personal liability, and other selected issues.</td>
</tr>
<tr>
<td><strong>Workforce, Economic, and Community Development</strong></td>
<td>EDAD 935</td>
<td>700</td>
<td>Richard Torraco</td>
<td>Workforce, economic and community development role of higher education within the broader context of recent economic, social, and technological changes in communities, society, and the economy. Applicable to higher education in general with an emphasis on the example of two-year community colleges.</td>
</tr>
<tr>
<td><strong>Instructional Leadership: Emerging Trends and Practices</strong></td>
<td>EDAD 948</td>
<td>700</td>
<td>Jody Isernhagen</td>
<td>Changing roles for persons engaged in instructional and curricular leadership in educational institutions. Literature on staff development, assessment and evaluation, and effective schools serve as the basis for studying and applying this information to a variety of educational settings. Issues such as teacher empowerment and site-based management, along with cooperative learning provide the focus of the activities.</td>
</tr>
</tbody>
</table>
Seminar in College Student Development
EDAD 980 700 3 credits  Class # 5520
EDPS 977 700 2-3 credits  Class # 5599
Instructor: Corey Rumann
Special fee: $30.00
Current knowledge, theories, and practices, and related issues
in the area of college student development.

Introduction to Research
EDAD 981 700 3 credits  Class # 5521
Instructor: Corey Rumann
A written report is required. Investigation and analysis of
current problems in education administration and supervision.

Dissertation Proposal Development
EDAD 988 700 3 credits  Class # 5522
Instructor: Miles Bryant
Prerequisite: Admission to a doctoral program
Special Fee: $10.00
Intended for students who are working on the development of
their dissertation proposal. Component parts of the dissertation
proposal. Students from all areas of Teachers College and the
University of Nebraska who are in the process of developing
their proposal will find this course to be of use. Typically the
course should be taken after the research tools have been
completed.

Survey of Administrative Research
EDAD 989 700 3 credits  Class # ****
Instructor: Staff
Intended primarily for students of education who
are candidates for doctoral degrees. Readings, discussions, and
an analysis of educational problems and research.

Field Studies in Education
EDAD 991 700 1-3 credits  Class # 5526
Instructor: Brent Cejda
Prerequisite: Permission. Note: Advanced arrangements must
be made before registering for EDAD 991.
Identification and solutions of problems associated with
program planning; organizational, administrative, and
instructional procedures within an institutional setting.
Designing, implementing, and evaluating new or modified
patterns of operation and teaching within a public school,
postsecondary institution, or adult education agency.

Workshop Seminar: Introduction to
Doctoral Education
EDAD 993 700 1 credits  Class # 6331
Instructor: Brent Cejda
Prerequisite: Permission

Doctoral Seminar
EDAD 995 700 3 credits  Class # 5528
Instructor: Brent Cejda
Prerequisite: Permission.
Special Fee: $30.00
Students are immersed in outcome-based scholarly activities
with a faculty mentor. Working on either an individualized or
small group basis, students develop, execute and report one or
more projects addressing the interaction between research and
practice. Intended primarily for doctoral students, although
non-doctoral graduate students may be admitted with special
permission of the Instructor.

Doctoral Seminar
EDAD 995 701 3 credits  Class # 6406
Instructor: Staff
Prerequisite: Permission.
Special Fee: $30.00
Students are immersed in outcome-based scholarly activities
with a faculty mentor. Working on either an individualized or
small group basis, students develop, execute and report one or
more projects addressing the interaction between research and
practice. Intended primarily for doctoral students, although
non-doctoral graduate students may be admitted with special
permission of the Instructor.
Seminar: Internship in Educational Administration  
EDAD 998 700 1-6 credits  Class # 5531  
Instructor: Staff  
Prerequisite: Permission. Note: Advanced arrangements must be made before registering for EDAD 998. Opportunity for educational administrators to gain an understanding of administering changes or innovations, and to obtain supervised field experience. Consideration will be given antecedents of change, change models, the role of government, forces that restrict or stimulate change, tools to implement change, and evaluation.

Doctoral Dissertation  
EDAD 999 700 1-24 credits  Class # 5533  
Instructor: Brent Cejda  
Prerequisite: Admission to doctoral degree program and permission of supervisory committee chair.

Educational Psychology  

Foundations of Educational Research  
EDPS 800 700 3 credits  Class # 5573  
Instructor: Staff  
Prerequisite: EDPS 459/859 or equivalent or parallel EDPS 859.  
Purpose and characteristics of research process, selection of research problems in education and social sciences, critical review of published research, research ethics and institutional review, sampling methods, threats to validity in research.

Statistical Methods  
EDPS 859 700 3 credits  Class # 5578  
Instructor: Charles Ansorge  
Prerequisite: Contact the Instructor for further information. Special fee: $15.00  
Computation and interpretation of measures of central position, variability and correlation; introduction to sampling, probability, and tests of significance.

Applications of Selected Advanced Statistics  
EDPS 860 700 3 credits  Class # 5579  
Instructor: Charles Ansorge  
special fee: $30.00  
Prerequisite: EDPS 459/859. Contact the department for further information.  
Variety of parametric and nonparametric analyses, including analysis of variance (completely randomized design and various factorial designs), regression analysis, analysis of covariance, full model stepwise multiple regression, chi square Mann-Whitney U, and Wilcoxon test. Understanding and application of these analyses. Appropriate mainframe and microcomputer statistical packages utilized to assist in the numerical analysis of data.

Qualitative Approaches to Educational Research  
EDPS 900K 700 3 credits  Class # 5584  
Instructor: Staff  
Prerequisite: EDPS 459/859 or equivalent; EDPS 800 or equivalent  
Uses of qualitative research methods in education. The theoretical premises of research using qualitative methods and the application of this information through critique and planning research. Qualitative methods for data collection.

Seminar in College Student Development  
EDPS 977 700 2-3 credits  Class # 5599  
EDAD 980 700 3 credits  Class # 5520  
Instructor: Corey Rumann  
Special fee: $30.00  
Current knowledge, theories, and practices, and related issues in the area of college student development.

Gerontology  

Issues in Aging  
GERO 835 700 3 credits  Class # ****  
Instructor: Karen Shaffer, Tareq Daher  
Prerequisite: Department consent required.  
For students in gerontology and in other fields who are interested in a humanistic approach to understanding significant issues which affect the lives of older people.
Applied Social Gerontology
GERO 911 700 3 credits Class # 16579
Instructor: Christopher Kelly
Restricted to graduate students only; required of gerontology
students. Social gerontology with an emphasis on the interplay
between social, psychological and physical elements in later
life.

Special Education

Characteristics of Exceptional Persons
SPED 800 700 3 credits Class # 5844
Instructor: Staff
Etiology, growth and development, and characteristics of
persons who differ from the norm.

Autism Spectrum Disorders: Methods and
Program Planning
SPED 810 700 3 credits Class # ****
Instructor: Ellin Siegel
Time: T 5:00 – 7:50 PM CT
Prerequisite: SPED 809 or equivalent. Majors in severe
disabilities must parallel with SPED 896P (1 cr.) SPED 810
requires observations in schools and applied assignments.
Planning, implementing, and evaluating effective education for
individuals with Autism Spectrum Disorders (ASDs). Uses an
ecological approach to assess present levels of performance
and individual characteristics. Apply assessment outcomes to
develop functional outcomes, to select instructional strategies,
and utilize empirically-based interventions.

Assessment Techniques for Diverse
Learners
SPED 812 700 3 credits Class # 6195
Instructor: James Nelson
The role of general education teachers in the primary purposes
of assessment of learners with diverse needs. Knowledge and
experience with interpreting norm-referenced test information
as related to planning educational programs. Use of
assessment information for instructional planning and
evaluation. Testing accommodations and classroom grading.

Instructional Methods for Students with
Diverse Needs
SPED 814 700 3 credits Class # 6196
Instructor: Suzanne Kemp
Instructional methods and accommodations for special
education and general education teachers necessary to work
successfully with students with disabilities or who are at-risk for
academic failure. Curriculum modification, classroom
management, strategy instruction, and instructional
modifications for content areas.

Mathematics Instruction for Diverse
Learners
SPED 820 700 3 credits Class # 6307
Instructor: James Nelson
Prerequisite: SPED 201 or 400 or 800
Supplemental basic skills and concepts instruction for diverse
learners within a response to intervention models and on
mathematics instruction. Selection, delivery, and evaluation of
of standard protocol and individualized interventions to diverse
learners. SPED 820 and associated practicum is designed to
meet professional standards (i.e., Council for Exceptional
Children, Teacher Education Accreditation Council) for
teachers in the area of instruction for diverse learners.

Functional Behavioral Assessment
SPED 824 700 3 credits Class # 6308
Instructor: Suzanne Kemp
Prerequisite: SPED 303 or equivalent and permission. Parallel
SPED 824A
Functional behavioral assessments (FBAs) and development
of behavior intervention plans (BIPs) based on the
assessments. Contextual and curriculum manipulations, and
replacement behavior training.

Functional Behavioral Assessment
SPED 824A 700 2 credits Class # 6309
Instructor: Suzanne Kemp
Prerequisite: SPED 303 or approved equivalent. Parallel SPED
824
Opportunities to engage in the activities and practice the skills
associated with SPED 824. Culmination of the practicum is
performing a complete functional behavioral assessment and
developing a behavior intervention plan for a student who
displays challenging behaviors.
Braille Codes and Material Adaptations for Students with Visual Impairments
SPED 849  700  3 credits  Class # 9659
Instructor: Tessa Wright
Basic skills in literary Braille transcription and codes. Acquire competence in reading and writing Braille and using the Perkins braillewriter and slate/stylus.

Instructional Methods for Teachers of Students with Visual Impairments
SPED 852  700  3 credits  Class # 6285
Instructor: Tessa Wright
Methods and materials for educating children who are totally blind or have low vision, including students with multiple impairments. Practical skills in selecting, designing, and/or modifying materials for content area subjects: mathematics, science, social studies, creative arts, foreign language, and other subjects.

Supervising Special Education
SPED 856  700  3 credits  Class # 5854
Instructor: Reece Peterson
Time: M 6:00-8:50 PM CT
For principals or other administrators who have special education programs in their buildings. Overview of disabilities, related law, special education programs, personnel issues, etc., and instructional methods and administrative support for effective integration of disabled students into regular programs.

Special Education Administration
SPED 857  700  3 credits  Class # 5855
EDAD 857  700  3 credits  Class # 5502
Instructor: Theresa Ourada-Hubka
Special Fee: $10
Intensive preparation for special educators who intend to administer special education programs in the public schools. Information about best practices in special education, including programming, supervision, legal/regulatory issues, financing, personnel, as well as current controversial topics which are affecting these programs in the schools.

Infants with Disabilities and Home Visiting
SPED 861  700  3 credits  Class # 6132
Instructor: Christine Marvin
Prerequisite: SPED 960 and permission. SPED 861 requires a practicum in home visiting.
Time: T 6:00-8:50 PM CT
Assessment and intervention strategies for developing appropriate early intervention programs for infants and toddlers with disabilities. Rationale and principles for conducting home-based, family-centered, and transdisciplinary services.

Teaching the Content Areas to the Hearing Impaired
SPED 873  700  3 credits  Class # 5857
Instructor: Malinda Eccarius
Methods for teaching content areas (science, math and social studies) to hearing impaired students from preschool through grade 12. Adapting curricula and materials in these areas. Methods for providing services through itinerant and consultative models.

Educating Students with Intellectual and Developmental Disabilities
SPED 880  700  3 credits  Class # 6286
Instructor: Ellin Siegel
Time: Th 4:30-6:50 PM CT
Concepts related to history, definitions, identification, etiology, and assessment of students with intellectual impairments and developmental disabilities. Attitudes assumptions, and stereotypes concerning persons with intellectual impairments and other developmental disabilities. Instructional methods, adaptations and teaming, to provide individualized interventions and to include students in least restrictive environments and/or general education settings. Requires observations in schools and applied assignments.
Methods for Students with Intellectual and Severe Disabilities
SPED 881 700 3 credits  Class # 5858
Instructor: Ellin Siegel
Prerequisite: SPED 480/880. Note: SPED 881 required observations in schools and applied assignments.
Special fee: $15
Time: M 4:00-6:50 PM CT
Planning, implementing, and evaluating effective longitudinal education for individuals with moderate-profound retardation, severe impairments and multiple disabilities. Knowledge and skill regarding best practices within inclusive education settings for these learners emphasized using an ecological and functional model that addresses useful skills in current and future environments.

Speech and Language Development of the Hearing Impaired
SPED 884 700 3 credits  Class # 6367
SPLA 884 700 3 credits  Class # 5794
Instructor: Malinda Eccarius
Check with department for meeting times and days. Attendance at all class functions is mandatory.
Theories of speech and language development as they apply to hearing impaired children. Evaluation and intervention of speech and language with emphasis on maintenance of communicative skills.

Independent Study in Special Education
SPED 895 700 1-3 credits  Class # ****
Instructor: Ellin Siegel
Prerequisite: Prior arrangements and permission
Special research or reading project under direction of a staff member in the department.

Directed Field Experience: Behavior Disorders
SPED 896B 700 1-6 credits  Class # ****
Instructor: Reece Peterson
Prerequisite: Permission. Obtain call number from the Instructor.
Special fee: $10.00
Criminal history background check required.

Directed Field Experience: Deaf/Hard of Hearing
SPED 896D 700 1-6 credits  Class # ****
Instructor: Malinda Eccarius
Prerequisite: Permission. Obtain call number from the Instructor. Criminal history background check required.

Directed Field Experience: General Special Education
SPED 896E 700 1-6 credits  Class # ****
Instructor: Malinda Eccarius
Prerequisite: Permission. Obtain call number at program office. Criminal history background check required.

Directed Field Experience: Early Childhood Special Education
SPED 896Q 700 1-6 credits  Class # ****
Instructor: Christine Marvin
Prerequisite: Permission. Obtain call number from the Instructor. Criminal history background check required.

Directed Field Experience: Visual Impairments
SPED 896V 700 1-6 credits  Class # ****
Instructor: Tessa Wright
Prerequisite: Obtain call number from the Instructor. Criminal history background check required.

Practicum: Behavior Disorders
SPED 897B 700 1-9 credits  Class # ****
Instructor: Reece Peterson
Prerequisite: By application only. Note: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin. Criminal history background check required.
Practicum: Deaf/Hard of Hearing
SPED 897D 700 1-9 credits Class # ****
Instructor: Malinda Eccarius
Prerequisite: By application only. Note: See "Admission to Student Teaching" in the UNL Undergraduate Bulletin. Criminal history background check required.

Practicum: Early Childhood Special Education
SPED 897Q 700 1-9 credits Class # ****
Instructor: Christine Marvin
Prerequisite: By application only. Note: See "Admission to Student Teaching" in the UNL Undergraduate Bulletin. Criminal history background check required.

Practicum: Visual Impairments
SPED 897V 700 1-9 credits Class # ****
Instructor: Tessa Wright
Prerequisite: By application only. Note: See "Admission to Student Teaching" in the UNL Undergraduate Bulletin. Obtain the call number from the Instructor. Criminal history background check required.

Family and School Collaboration in Special Education
SPED 960 700 3 credits Class # 6133
Instructor: Christine Marvin
Special Fee: $10
Prerequisite: Professional experience or completion of one practicum and/or field experience with young children (birth to age 5) or other individuals age 5 to 21 years who have disabilities.
Time: Th 6:00-8:60 PM CT
Functions and interactions of both family and education systems. Impact of having a child with a disability on the normal and stressed family system. Promote family-professional partnerships in assessment and intervention for the child and/or student with an IFSP/IEP. Communication skills are reviewed and practiced for effective teaming among educators and for interviewing, consulting, collaborating and coaching with family members and other community team members.

Research Other Than Thesis
SPED 996A 700 1-12 credits Class # ****
Instructor: Marilyn Scheffler
Prerequisite: Obtain call number at program office.

Readings in Special Education
SPED 996B 700 1-12 credits Class # ****
Instructor: Marilyn Scheffler
Prerequisite: Permission. Obtain call number at program office.
Collaboration and consultation skills for itinerant teachers serving low incidence populations; organization, planning, IEP participation, professional inservice development, individual student intervention. Asynchronous except five one-hour computer based conference sessions during the semester.

UNK/UNO SPECIAL EDUCATION COURSES
UNK SPED classes are available to UNL students. Courses can be found on the UNK website at www.unk.edu. Look for department abbreviations TE, TESE, and SPED. UNL SPED classes are also available to UNO students. Courses can be found on the UNO website at mycampus.unomaha.edu.

UNK students interested in these classes need to contact their UNL adviser to determine acceptability for their program of study. An Intercampus Registration form may be used by graduate students in good standing at UNL.

Speech, Language Pathology and Audiology

Speech and Language Development of the Hearing Impaired
SPLA 884 700 3 credits Class # 5794
SPED 884 700 3 credits Class # 6367
Instructor: Malinda Eccarius
Check with department for meeting times and days. Attendance at all class functions is mandatory. Theories of speech and language development as they apply to hearing impaired children. Evaluation and intervention of speech and language with emphasis on maintenance of communicative skills.
Teaching, Learning & Teacher Education

Curriculum Inquiry
TEAC 801 700 3 credits Class # 5991
Instructor: Thomas McGowan
The relationship between curriculum theory and/or research to educational practices.

Special Topics: Improvement of Instruction in School Mathematics
TEAC 808J 700 3 credits Class # ****
Instructor: Staff

Teaching English Language Learners in Content Areas
TEAC 813M 700 3 credits Class # 5994
Instructor: Jeanelle Reeves
Theory and pedagogy in the teaching of English Language Learners (ELLs) in course content areas at all levels of K-12 education. Identify and design linguistically and culturally responsive instruction for English learners in the disciplines (e.g. language arts, science, mathematics, social sciences).

Teaching English Overseas
TEAC 813P 700 3 credits Class # 21277
Instructor: Jenelle Reeves
Methodologies for teaching English to speakers of other languages (TESOL) in international settings.

Higher Education in America
TEAC 832 700 3 credits Class # 5997
Instructor: James Leist
Special fee: $30.00
History and development of America’s colleges and universities and a study of some recent trends and problems in higher education.

Special Topics: Professional Development
TEAC 836B 700 3 credits Class # 21279
Instructor: Susan Katt, Tara Zuspan
Equip professionals to contextualize their training in the whole school setting. Issues in the teacher change process, professional development practices, program needs assessment and administration, literacy assessment, materials selection, individuals coaching, and intervention design.

Learning Models: Unified Learning Model
TEAC 856A 700 3 credits Class # 6252
Instructor: David Brooks
Introduction to current theoretical models of learning pertaining to schooling. Learner characteristics and applications to traditional classroom settings. Unified learning model.

Teaching with Technology: Survey of Instructional Technology
TEAC 880A 700 3 credits Class # 6005
Instructor: Lynne McKnight Herr
Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching, and curriculum. Critical application of technology and the development of teaching strategies.

Teaching with Technology: Special Topics
TEAC 880P 700 3 credits Class # 6341
Instructor: Lynne McKnight Herr
Survey and analysis of the application of technology to improve teaching. Research and related literature on learning, teaching, and curriculum. Critical application of technology and the development of teaching strategies.

Teacher as Scholarly Practitioner
TEAC 888 700 3 credits Class # 6007
Instructor: Jessica Hustad, Larry Walter
Seminar on the principles of practitioner inquiry and development of a proposal for an inquiry project.
Masters Seminar
TEAC 889 700 1-3 credits  Class # ****
Instructor: Larry Walter
Prerequisite: Permission.
Working with a faculty mentor on either an individual or small-group basis, the student plans, conducts, and reports a summative work project.

Independent Study
TEAC 895 700 1-6 credits  Class # ****
Instructor: Larry Walter
Prerequisite: Permission.
Selected topic with the direction and guidance of a staff member.

Technology-Enhanced Language Instruction
TEAC 922K 700 3 credits  Class # 6209
Instructor: Aleidine Moeller, Maria Bustamante Arrieta
Prerequisite: Undergraduate teaching major in a foreign language and teaching experience in a foreign language.
Critical review and evaluation of current literature, research and theory.

Instructional Leadership: Emerging Trends and Practices
TEAC 948 700 3 credits  Class # 6030
EDAD 948 700 3 credits  Class # 5515
Instructor: Jody Isernhagen
Changing roles for persons engaged in instructional and curricular leadership in educational institutions. Literature on staff development, assessment and evaluation, and effective schools serve as the basis for studying and applying this information to a variety of educational settings. Issues such as teacher empowerment and site-based management, along with cooperative learning provide the focus of the activities.

Portfolio in Instructional Technology Competencies
TEAC 959 700 1-12 credits  Class # ****
Instructor: Allen Steckelberg
Prerequisite: Permission. No more than six credit hours in TEAC 959 may be counted towards a Masters Degree program.
Portfolio components represent a significant contribution to the solution of an instructional problem and reflect broadly the major competencies of instructional technology: problem definition, learner analysis, media selection and message design, production, and evaluation.

Topical Seminar in Instructional Technology
TEAC 960 700 3 credits  Class # ****
Instructor: David Brooks
Prerequisite: Permission.
Critical analysis of research in a delimited problem area within instructional technology (e.g., ITV, CAI, videodisc, simulations, programmed instruction). Empirically testable research questions related to the topic.

Doctoral Seminar
TEAC 995 700 3 credits  Class # ****
Instructor: Larry Walter
Outcome-based scholarly activities, individualized or small group basis. Development, execution and reporting on one or more projects addressing the interaction between research and practice. Intended primarily for doctoral students, although non-doctoral graduate students may be admitted with special permission of the instructor.

Individual Research Projects
TEAC 996 700 1-10 credits  Class # ****
Instructor: Larry Walter
Prerequisite: Permission
Individual research under faculty supervision.

Doctoral Dissertation
TEAC 999 700 1-24 credits  Class # ****
Instructor: Larry Walter
Prerequisite: Admission to doctoral degree program and permission of supervisory committee chair.
Textiles, Merchandising and Fashion Design

Master's Thesis
TFMD 899 700 1-10 credits  Class # ****
Instructor: Patricia Crews
Prerequisite: Admission to the master's degree program and permission of major adviser.

Master's Thesis
TFMD 899 701 1-10 credits  Class # ****
Instructor: Michael James
Prerequisite: Admission to the master's degree program and permission of major adviser.

Master's Thesis
TFMD 899 702 1-10 credits  Class # ****
Instructor: Barbara Trout
Prerequisite: Admission to the master's degree program and permission of major adviser.

Advanced Problems: Design
TFMD 905D 700 3 credits  Class # 9382
Instructor: Michael James

Research Other Than Thesis
TFMD 996 700 1-6 credits  Class # ****
Instructor: Patricia Crews
Prerequisite: Permission
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.

Research Other Than Thesis
TFMD 996 701 1-6 credits  Class # ****
Instructor: Michael James
Prerequisite: Permission
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.

Research Other Than Thesis
TFMD 997 700 1-9 credits  Class # ****
Instructor: Barbara Trout
Prerequisite: 9 hrs TXCD graduate credit.
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.

Internship
TFMD 997 701 1-9 credits  Class # ****
Instructor: Patricia Crews
Prerequisite: 9 hrs TXCD graduate credit.
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.

Internship
TFMD 997 702 1-9 credits  Class # ****
Instructor: Barbara Trout
Prerequisite: 9 hrs TXCD graduate credit.
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.
GREAT PLAINS IDEA

www.gpidea.org

The Great Plains Interactive Distance Education Alliance (IDEA) is a multi-state alliance of universities which share courses in order to offer fully online programs. The following distance programs are offered at UNL through the alliance:

• Graduate Certificate in Family Financial Planning
• Graduate Certificate in Youth Development, specializations in Youth Development Specialist and Youth Program Management and Evaluation
• M.S. in Child, Youth and Family Studies, specialization in Family Financial Planning; Family & Consumer Sciences Education; and Youth Development
• M.S. in Nutrition and Health Sciences, Specialization in Dietetics

For information on the Great Plains IDEA Dietetics program, contact:
Lori Beals
(402) 472-3666
lbeals2@unl.edu

For information on the other Great Plains IDEA programs contact:
Lisa King
(402) 472-7787
Lking2@unl.edu
PEDAGOGICAL CONTENT COURSES
FOR TEACHERS OF HIGH SCHOOL
CHEMISTRY

These one-credit hour graduate courses are available for certified teachers who wish to increase both their subject matter expertise as well as their knowledge of how to teach chemistry successfully.

CHEM 869
TLTE 869

A. Structure and Properties of Matter: Water and Solutions
B. Structure and Properties of Matter: Periodicity
D. Structure and Properties of Matter: Bonding and Structure
E. Structure and Properties of Matter: Carbon Chemistry and Polymers
J. Structure and Properties of Matter: Gases and the Atmosphere
K. Chemistry of Life Processes: Biomolecules
L. Structure and Properties of Matter: Condensed States and Materials Science
M. Interactions of Matter and Energy
N. Chemistry of Life Processes: DNA
P. Chemistry of Life Processes: Energy and Metabolism
Q. Chemical Reactions: Equations and their Consequences
R. Chemical Reactions: Acids and Bases
T. Chemical Reactions: Kinetics
U. Chemical Reactions: Oxidation, Reduction and Electrochemistry
V. Equilibrium: Unifying Theme
W. Conservation of Energy and the Increase in Disorder: Thermodynamics
Y. Inquiry and the Nature of Science: Analysis and Instrumentation
Z. Structure of Atoms: Nuclear Chemistry

BIOC 869

K. Chemistry of Life Processes: Biomolecules
N. Chemistry of Life Processes: DNA
P. Chemistry of Life Processes: Energy and Metabolism
T. Chemical Reactions: Kinetics

BIOS 869

K. Chemistry of Life Processes: Biomolecules
N. Chemistry of Life Processes: DNA
P. Chemistry of Life Processes: Energy and Metabolism

All of these courses are available for credit either in Teaching, Learning, & Teacher Education (TEAC 869) or Chemistry (CHEM 869). Credit from these courses may be included in an approved memorandum of courses for master's degrees in education. However, these courses do not apply toward a master's degree in chemistry, biochemistry or biological science. Credit for 3-4 of the courses may be taken in Biochemistry (BIOC 869) or Biological Sciences (BIOS 883).

To enroll in one of these courses, you must be admitted to Graduate Studies at the University of Nebraska–Lincoln as a non-degree or degree seeking student. Go to http://www.unl.edu/gradstudies/prospective/steps for further information and the appropriate forms. Once you have been admitted, contact Extended Education & Outreach Customer Service [(402) 472-2175] to register.

For additional information, please contact Dr. David Brooks at dbrooks1@unl.edu, (402) 472-2018, or 123A Henzlik Hall, Lincoln, NE 68588-0355.

These courses are entirely self-paced. The minimum completion time is five weeks, meaning that no credit will be issued in less than five weeks. Students must complete the courses in 6 months.
The College of Engineering offers a Master of Engineering degree (MEng) with a concentration in engineering management. Courses are delivered completely online and are available in an accelerated 10-week format. The flexibility in scheduling is ideal for the busy professional. This non-thesis program is designed for working professionals.

**Accelerated Schedule**

To better serve you, we offer our online courses in a modular format rather than the traditional semester format. We offer four 10-week modules per year. The dates for the upcoming modules are:

**Module 1131A:**


For a list of business courses that can be taken as part of the Master of Engineering, Engineering Management, please visit

mba.unl.edu/distance/current/schedule.aspx.

**Class Numbers**

To enroll in courses with suppressed class numbers (****), contact the department for permission to enroll. They will provide you with the class number.

**For information contact:**

Jeffrey Woldstad
(402) 472-3495
E-mail: jwoldstad2@unl.edu

---

**Analysis of Engineering Management II**

IMSE 905 700 3 credits Class # 22749

Instructor: Robert Williams
Continuation of concepts and principles of engineering management applied to production cases.
JOURNALISM & MASS COMMUNICATIONS

For information on the Master of Arts in Journalism and Mass Communications, contact: (402) 472-3041 or 3042.

To enroll in courses with suppressed class numbers (**), contact the College of Journalism & Mass Communications for permission to enroll and to obtain the class number, (402) 472-3041 or (402) 472-3042.

It is required that all students enrolled in journalism graduate programs have computer and high speed Internet capability with access to e-mail. Additionally, students are required to have a headset/microphone combination for their computer. A camera for their computer is optional. The computer systems outlined will enable you to connect to classmates and faculty outside the classroom and to take advantage of the rich resources of the Internet.

Some courses are synchronous, requiring you to virtually attend class on a specific day and time.

Computer requirements include:
- PC: Windows® XP or newer, processor, 2600Mhz minimum, 1GB RAM, Flash 9, high speed broadband, USB Camera and headset with microphone, Windows Media Player v9
- Mac: OS 10.3 or newer, G4 processor 1000Mhz minimum, 1GB RAM, Flash 9, high speed broadband, USB Camera and headset with microphone

For specific computer information, contact: Luther Hinrichs (402) 310-1095 Fax: (402) 472-8597 E-mail: LHinrichs1@unl.edu

Advertising

Digital Insights and Analytics
ADPR 834 700 3 credits Class #8700
Instructor: Roger Mitchell
A study of the digital communication landscape. Course explores how various channels of digital communication can be used to analyze audiences, connect with them and ultimately build brands.

Public Relations Theory and Strategy
ADPR 850 700 3 credits Class #9736
Instructor: Staff
Philosophies and theories that underlie the discipline and profession of public relations. The critical and supportive perspectives used to gain insight into the history and direction of public relations.

Brands & Branding
ADPR 884 700 3 credits Class # 8566
Instructor: Staff
The managerial philosophy, techniques, and processes in advertising. Organizational structures, integrated marketing communications, strategic planning, marketing planning, advertising planning, advertising research, budgeting, and decision paradigms.

Journalism

International Communications
JGRD 835 700 3 credits Class # 16603
Instructor: Staff
Systems of mass communications in foreign countries and across international boundaries.

Master's Thesis
JGRD 899 700 1-6 credits Class # ****
Instructor: Laurie Lee
Prerequisite: Admission to the master's degree program and permission of major adviser.
### Multi-Platform Journalism

**JGRD 902  700  3 credits  Class # 9760**  
Instructor: Staff  
Skills and technologies involved with multi-platform journalism and management.

### Mass Communication Theory

**JGRD 915  700  3 credits  Class # 9762**  
Instructor: Linda Shipley  
Special Fee: $15  
Time: W 5:30-8:20 PM CT  
Process and effects of mass communication.

### Professional Project

**JGRD 992  700  1-6 credits  Class # ******  
Instructor: Frauke Hachtmann  
Development of thesis topic may come from JGRD 992. JGRD 992 is designed for increasing competency in professional practice and depending on goals, may be concentrated in ADVT, BRDC, or NEWS. Translation of social, political, and economic affairs to mass audiences in both print and electronic media.

### Special Topics: Business & Economic Reporting

**JOUR 891  700  3 credits  Class # 16597**  
Instructor: Staff  
Topics vary each term. JOUR 891 may be repeated up to three times so long as the topics are different.

### Special Topics: Social media for Journalists

**JOUR 891  701  3 credits  Class # 16599**  
Instructor: Michelle Hassler  
Topics vary each term. JOUR 891 may be repeated up to three times so long as the topics are different.

### Special Topics: Business & Economic Reporting

**JOUR 891  702  3 credits  Class # 21406**  
Instructor: Joseph Weber  
Topics vary each term. JOUR 891 may be repeated up to three times so long as the topics are different.