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
   www.unl.edu/regrec/registration/myred_tips.shtml

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.bkstr.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

   Tuition and Fees
   onlinegraduate.unl.edu/tuition.shtml

ACADEMIC CALENDAR
   www.unl.edu/regrec/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
   iris.unl.edu

   University Libraries
   Professor Kate Adams
   Distance Education Coordinator
   (402) 472-2560
   E-mail: kadams1@unl.edu
   http://libraries.unl.edu/disted
DELIVERY MODES

Distance education classes are delivered in a variety of formats. Each course may be delivered using one of these formats, such as the Internet, or a combination of formats, such as the Internet, Blackboard and e-mail.

Some distance classes meet at regular times, including those delivered via desktop video-conferencing. These courses, called synchronous, require that you are able to meet at least once a week. Other distance classes do not have a regular meeting time. These courses are called asynchronous and include such formats as online, e-mail, and Blackboard. Even though these courses do not have regular meeting schedules, you are still required to meet deadlines as outlined by the Instructor.

Internet
Most courses are delivered completely online and require a designated Web site to access. Most courses will recommend a minimum modem speed of 56 kbps, or a high speed Internet connection. The required web browser software is Firefox 2.0 (or later), or Internet Explorer 7.0 (or later). For internet courses, you will be contacted with details about how and when to begin your class the week prior to the start of classes.

E-mail
Most distance courses require access to an e-mail account. All students enrolled in classes at UNL receive a free e-mail account. Specific information about your e-mail account is available online at myred.unl.edu or you can call (866) 472-3970.

Blackboard
Blackboard is UNL’s primary online teaching and learning portal. It enables Instructors to add an online component to a class or host an entire course on the Web. Students may also access materials and take tests online. Other features include: discussion boards, real-time chats, grade access and online file exchange. To access the My.UNL Academic Portal (Blackboard), go to my.unl.edu and enter your username and password. You can test your browser settings for Blackboard compatibility at my.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

Agricultural Economics

Ecological Economics

AECN 883 711 3 credits  Class # 1202
Instructor: Gary Lynne
Prerequisite: AECN 141 or ECON 212 or equivalent

A synthesis across the notion of “utility” as represented in traditional environmental and natural resource economics, “ecology” in ecological economics, and “community” in behavioral economics. Ideas from thermodynamics with a focus on renewable resources. Development, organization, and enhancement of eco-business, eco-industry, eco-government and eco-communities.

Ag Leadership, Education and Communication

Overview to Program Planning

ALEC 800 700 3 credits  Class # 2435
Instructor: Lloyd Bell
Prerequisite: ALEC 305 or ALEC/TEAC 805/NUTR 806

 Designed for individuals interested in developing and/or improving program planning skills.

Theoretical and applied considerations for identifying content design, implementation, and evaluation of educational programs that varies in length from several hours to several months.
**Advanced Teaching Strategies**

ALEC 805  700  3 credits  Class # 1361
Instructor: Lloyd Bell
Time: Thursdays, 4:00-6:50 p.m. CST
Prerequisite: Permission

Contemporary and innovative teaching strategies, emphasizing learner-centered instruction, suitable to teaching in college and postsecondary institutions, outreach programs public schools, and other settings. Students participate in active learning as they apply learning theory in practice, prepare and demonstrate teaching methods, and plan for instruction in discipline areas of their choice.

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**Supervisory Leadership**

ALEC 807  700  3 credits  Class # 2461
CYAF 807  700  3 credits  Class # 6657
Instructor: Sandra Sattler Weber
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.

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**Environmental Leadership**

ALEC 810  700  3 credits  Class # 1953
NRES 813  700  3 credits  Class # 1954
Instructor: Gina Matkin

Major leaders in conservation and ecology that emphasizes agricultural and cultural issues and relationships with the environment. Offered on the World Wide Web (WWW) fall semester of odd-numbered years.

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**Leadership & Motivation**

ALEC 877  700  3 credits  Class # 1970
Instructor: John Barbuto, Jr.

Classic and contemporary motivation theories applied to leadership in organizations and communities.

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**Doctoral Seminar**

ALEC 995  700  3 credits  Class # ****
Instructor: Staff
Prerequisite: Permission.

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.
Agricultural Sciences

Masters Agriculture Project

AGRI 897 700 1-6 credits Class # 1262
AGRO 897 700 1-6 credits Class # 1326
HORT 897 700 1-6 credits Class # 1639
NRES 897 700 1-6 credits Class # 2228
Instructor: John Markwell
Prerequisite: Admission to Masters of Agriculture 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.

Agronomy

Self Pollinated Crop Breeding

AGRO 815A 700 1 credit Class # 1309
ENTO 815A 700 1 credit Class # 1535
Instructor: P. Stephen Baenziger
Prerequisite: AGRO 315

Self-pollinated plant breeding theory and methods. Pedigree, bulk, single seed descent, back-crossing methods and inbreeding theory.

Germplasm and Genes

AGRO 815B 700 1 credit Class # 1311
ENTO 815B 700 1 credit Class # 1537
Instructor: P. Stephen Baenziger
Prerequisite: AGRO 315

Obtaining germplasm and genes from cultivated plants, wild relatives of cultivated plants, and the biosphere. Origination of crops, mutation genetics, biotechnology as a source of genes, chromosomal engineering and plant reproduction.

Self Pollinated Crop Breeding

AGRO 815D 700 1 credit Class # 1916
ENTO 815D 700 1 credit Class # 1917
Instructor: Thomas Hoegemeyer
Prerequisite: AGRO 315

Self-pollinated plant breeding theory and methods. Pedigree, bulk, single seed descent, back-crossing methods and inbreeding theory.
Agricultural Biochemistry

AGRO 818  700  2 credits  Class # 1951
BIOC 818  700  2 credits  Class # 1950
Instructor: John Markwell
Prerequisite: Undergraduate major in life sciences or related area, and a course in biochemistry

A Web-based course. Biochemical underpinnings of agricultural production and processing systems. Agricultural biotechnology; bioenergetics; kinetics and enzyme regulation; interaction of biomolecules with light, photosynthesis and the balance between anabolism and catabolism in microbes, plants and animals.

Modified Rootzones

AGRO 880  700  1 credit  Class #22291
HORT 880  700  1 credit  Class #22290
TLMT 880  700  1 credit  Class #22289
Instructor: Roch Gaussoin
Prerequisite: AGRO/HORT/SOIL 153 and permission

Modified rootzones and their applications in the turfgrass and landscape management industry. Current applications and construction techniques, advantages and disadvantages of modified growing media, recommended materials and amendments, management requirements and related costs.

Business Management for Agricultural Enterprises

AGRO 888  700  3 credits  Class # 22268
HORT 888  700  3 credits  Class # 22264
EAEP 888  700  3 credits  Class # 22272
ENTR 888  700  3 credits  Class # 22276
Instructor: David Lambe; Dennis McAllister

Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.

Independent Study

AGRO 896  700  1-6 credits Class # 1324
Instructor: Staff
Prerequisite: 12 hrs agronomy or closely related fields and permission

Individual or group projects in research, literature review, extension of course work under supervision and evaluation of a departmental faculty member.

Masters Agriculture Project

AGRO 897  700  1-6 creditsClass # 1326
AGRI 897  700  1-6 creditsClass # 1262
HORT 897  700  1-6 creditsClass # 1639
NRES 897  700  1-6 creditsClass #22288
Instructor: John Markwell
Prerequisite: Admission to Masters of Agriculture 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.
Animal Science

Processed Meats

ASCI 810  700  3 credits  Class # 11887
Instructor: Staff
Prerequisite: ASCI 210 or equivalent

Modern meat processing industry and its use of science and technology. The fabrication, processing, preservation, sanitation, food safety, ethnic evolution, and utilization of manufactured and processed meat. Actual laboratory preparation of processed meats and by-products of the meat packing industry.

Biological Chemistry

Agricultural Biochemistry

BIOC 818  700  2 credits  Class # 1950
AGRO 818  700  2 credits  Class # 1951
Instructor: John Markwell
Prerequisite: Undergraduate major in life sciences or related area, and a course in biochemistry

A Web-based course. Biochemical underpinnings of agricultural production and processing systems. Agricultural biotechnology; bioenergetics; kinetics and enzyme regulation; interaction of biomolecules with light, photosynthesis and the balance between anabolism and catabolism in microbes, plants and animals.

Entomology

Urban and Industrial Entomology

ENTO 807  700  3 credits  Class # 8976
Instructor: Thomas Weissling
Prerequisite: BIOS 101 and 101L and permission; ENTO 115 recommended.

Insects and selected vertebrate pests that infest homes, hospitals and health facilities, museums, restaurants, grain mills, food processing plants and warehouses and their management.

Self Pollinated Crop Breeding

ENTO 815A  700  1 credit  Class # 1535
AGRO 815A  700  1 credit  Class # 1309
Instructor: P. Stephen Baenziger
Prerequisite: AGRO 315

Self-pollinated plant breeding theory and methods. Pedigree, bulk, single seed descent, back-crossing methods and inbreeding theory.

Germplasm and Genes

ENTO 815B  700  1 credit  Class # 1537
AGRO 815B  700  1 credit  Class # 1311
Instructor: P. Stephen Baenziger
Prerequisite: AGRO 315

Obtaining germplasm and genes from cultivated plants, wild relatives of cultivated plants, and the biosphere. Origination of crops, mutation genetics, biotechnology as a source of genes, chromosomal engineering and plant reproduction.
Self Pollinated Crop Breeding

ENTO 815D 700 1 credit Class # 1917
AGRO 815D 700 1 credit Class # 1916
Instructor: Thomas Hoegemeyer
Prerequisite: AGRO 315

Self-pollinated plant breeding theory and methods. Pedigree, bulk, single seed descent, back-crossing methods and inbreeding theory.

Insect Behavior

ENTO 819 700 3 credits Class #11783
Instructor: Thomas Weissling
Prerequisite: Introductory course in entomology

Principles of animal behavior as applied to insects and terrestrial arthropods. Techniques in studying insect behavior.

Insect Toxicology

ENTO 820 700 3 credits Class # 8978
Instructor: Blair Siegfried
Prerequisite: 12 hrs biological sciences; 4 hrs organic chemistry

Principles of toxicology, insecticide classification, mode of action, metabolism and consequences of insecticide use.

Masters Degree Project

ENTO 888 700 4 credits Class # 1539
Instructor: 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

ENTO 896 700 1-6 credits Class # ****
Instructor: Thomas Weissling
Prerequisite: 12 hrs BIOS or Agricultural Sciences

Individual or group projects in research, literature review, or extension of course work under supervision and evaluation of a department faculty member. Independent study contracts for ENTO 896 must be filed with department.

Food Science Technology

Food Microbiology

FDST 805 700 3 credits Class # 1566
BIOS 845 700 3 credits Class # 3019
Instructor: Robert Hutkins, Andrew Benson
Prerequisite: BIOS 312, CHEM 251 and BIOC 321. Permission required before registering.

Nature, physiology, and interactions of microorganisms in foods. Introduction to foodborne diseases, the effect of food processing systems on the microflora of foods, principles of food preservation, food spoilage, and foods produced by microorganisms. Food plant sanitation and criteria for establishing microbial standards for food products.
Food Microbiology

FDST 805 992 3 credits  Class # ****
Instructor: Robert Hutkins
Prerequisite: BIOS 312, CHEM 251 and BIOC 321; or permission
NOTE: Contact Diane Wasser at (402) 472-6251 for Class #.

Nature, physiology, and interactions of microorganisms in foods. Introduction to food-borne diseases, the effect of food processing systems on the microflora of foods, principles of food preservation, food spoilage, and foods produced by microorganisms. Food plant sanitation and criteria for establishing microbial standards for food products.

A Multidisciplinary Overview of Food Safety and Security

FDST 871 992 2 credits  Class # ****
Instructor: Robert Hutkins
Prerequisite: 3 hrs BIOS or CHEM
NOTE: Contact Diane Wasser at (402) 472-6251 for Class #.

Instruction in FDST *871 is provided by numerous subject matter experts. Multidisciplinary food safety and security perspectives. Food safety policy, ag bioterrorism, border security, animal ID, food defense, and site security, risk analysis, crisis communication, epidemiology, Hazard Analysis and Critical Control Point System, and more.

Principles of Hazard Analysis and Critical Control Point System

FDST 872 992 2 credits  Class # 3724
Instructor: Robert Hutkins
Prerequisite: 3 hrs BIOS or CHEM

The Hazard Analysis and Critical Control Point (HACCP) System and its application in the food industry.

Food-Borne Toxicants

FDST 873 992 2 credits  Class # ****
Instructor: Robert Hutkins
Prerequisite: 3 hrs BIOS or CHEM
NOTE: Contact Diane Wasser at (402) 472-6251 for Class #.

**Risk Assessment for Food, Agriculture and Veterinary Medicine**

FDST 876 992  2 credits  Class # ****
Instructor: Robert Hutkins
Prerequisite: 3 hrs STAT
NOTE: Contact Diane Wasser at (402) 472-6251 for Class #.


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**Forensic Science**

**Principles of Forensic Photography**

FORS 802  700  1 credit  Class #11785
Instructor: Larry Barksdale
Prerequisite: FORS 120 and FORS 200
NOTE: Students supply own digital camera

Concepts, techniques, analysis and interpretation of photographic evidence.

**Bloodstains as Evidence**

FORS 804  795  1 credit  Class #11787
Instructor: Larry Barksdale
Prerequisite: FORS 120 and 200

Documentation and interpretation of geometric bloodstains calculating probable origins, and collecting blood as a source of DNA evidence.

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**Forensic DNA Analysis**

FORS 898  796  3 credits  Class #29539
Instructor: John Foster
Prerequisite: 3 hrs FORS or equivalent

Collection and analysis of DNA for use in forensic science.

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**Horticulture**

**Modified Rootzones**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
<th>Class #</th>
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<tr>
<td>HORT 880</td>
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<td>1 credit</td>
<td>22290</td>
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<tr>
<td>AGRO 880</td>
<td>700</td>
<td>1 credit</td>
<td>22291</td>
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<tr>
<td>TLMT 880</td>
<td>700</td>
<td>1 credit</td>
<td>22289</td>
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</tbody>
</table>

Instructor: Roch Gaussoin
Prerequisite: AGRO/HORT/SOIL 153 and permission

Modified rootzones and their applications in the turfgrass and landscape management industry. Current applications and construction techniques, advantages and disadvantages of modified growing media, recommended materials and amendments, management requirements and related costs.

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**Business Management for Agricultural Enterprises**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Credits</th>
<th>Class #</th>
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<tbody>
<tr>
<td>HORT 888</td>
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<tr>
<td>AGRO 888</td>
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<td>22268</td>
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<tr>
<td>EAEP 888</td>
<td>700</td>
<td>3 credits</td>
<td>22272</td>
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<tr>
<td>ENTR 888</td>
<td>700</td>
<td>3 credits</td>
<td>22276</td>
</tr>
</tbody>
</table>

Instructor: David Lambe; Dennis McAllister

Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.
**Independent Study: Herbaceous Perennials and Grasses**

HORT 896 700 1-5 credits Class # ****
Instructor: Kim Todd
Prerequisite: 12 hrs plant sciences, permission and advance approval of plan of study and permission.
Individual or group projects in research and literature review under supervision and evaluation of a departmental faculty member.

**Masters Agriculture Project**

HORT 897 700 1-6 credits Class # 1639
AGRO 897 700 1-6 credits Class # 1326
AGRI 897 700 1-6 credits Class # 1262
NRES 897 700 1-6 credits Class # 22288
Instructor: John Markwell
Prerequisite: Admission to Masters of Agriculture 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 and Its Systems**

NRES 809700 3 credits Class # 1754
Instructor: Russanne Low

The earth as a system and the "real world" applications of fundamental physical science processes in this system. Interaction of energy and matter in the geosphere, in the hydrosphere, and in the atmosphere. The earth's relationships to the sun, moon, and other astronomical objects in the solar system.

**Environmental Leadership**

NRES 813 700 3 credits Class # 1954
ALEC 810 700 3 credits Class # 1953
Instructor: Gina Matkin

Major leaders in conservation and ecology that emphasizes agricultural and cultural issues and relationships with the environment. Offered on the World Wide Web (WWW) fall semester of odd-numbered years.

**Masters Agriculture Project**

NRES 897 700 1-6 credits Class #22288
AGRO 897 700 1-6 credits Class # 1326
AGRI 897 700 1-6 credits Class # 1262
HORT 897 700 1-6 credits Class # 1639
Instructor: John Markwell
Prerequisite: Admission to Masters of Agriculture 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.
Turfgrass, Landscape and Management

Modified Rootzones

TLMT 880 700 1 credit Class #22289
AGRO 880 700 1 credit Class #22291
HORT 880 700 1 credit Class #22290
Instructor: Roch Gaussoin
Prerequisite: AGRO/HORT/SOIL 153 and permission

Modified rootzones and their applications in the turfgrass and landscape management industry. Current applications and construction techniques, advantages and disadvantages of modified growing media, recommended materials and amendments, management requirements and related costs.

Veterinary & Biomedical Science

Seminar

VBMS 909 700 1-4 credits Class #1886
Instructor: David Hardin
Prerequisite: Permission
Time: Mondays, 4:00-4:50 p.m. CST

GreatPlainsIDEA

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:
• Community Development Concentration within the Master of Applied Science
• Food Safety and Defense Graduate Certificate

For information on the Great Plains 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

Theory and Criticism in Architecture Since 1945

ARCH 846 700 3 credits Class # 2765
Instructor: Rumiko Handa
Prerequisite: ARCH 542/842 or permission

Theory and criticism in architecture since 1945 as they relate to contemporary American society and culture, with reference to those parallel in other humanities disciplines, including arts, linguistics, literary criticism, and philosophy.

Research Methods

ARCH 885 700 3 credits Class # 2761
IDES 885 700 3 credits Class # 2762
Instructor: Rumiko Handa

Interior Design

The Changing Workplace

IDES 858 700 3 credits Class # 11805
Instructor: Erin Trofholz

Survey and integration of theory, methods, research and findings from the social, behavioral, and managerial sciences as they relate to the design of work environments. Factors effecting change in the contemporary workplace.
Material Culture: The Social Life of Things

IDES 884  700  3 credits  Class # 2760
Instructor: Mark Hinchman
Prerequisite: Permission

Theories and practices of material culture. History and interior design--and indeed the broad category of humanity itself--through the lens of material objects.

Research Methods

IDES 885  700  3 credits  Class # 2762
ARCH 885  700  3 credits  Class # 2761
Instructor: Rumiko Handa

Selected Topics in Interior Design

IDES 891  700  1-6 credits Class # 30127
Instructor: Lindsey Bahe
Prerequisite: Permission

Group investigation of a topic in interior design originated by instructor.
COLLEGE OF ARTS & SCIENCES
ascweb.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.

Biological Sciences

Food Microbiology

BIOS 845 700 3 credits Class # 3019
FDST 805 700 3 credits Class # 1566
Instructor: Robert Hutkins, Andrew Benson
Prerequisite: BIOS 312, CHEM 251 and BIOC 321. Permission required before registering.

Nature, physiology, and interactions of microorganisms in foods. Introduction to foodborne diseases, the effect of food processing systems on the microflora of foods, principles of food preservation, food spoilage, and foods produced by microorganisms. Food plant sanitation and criteria for establishing microbial standards for food products.

Communication

Research Other Than Thesis

COMM 996 700 1-6 credits Class # 3347
Instructor: Staff

English

Place Conscious Teaching

ENGL 992B 700 3-4 credits Class #29632
Instructor: Robert Brooke

Online course, not self-paced. Theory and practice of teaching writing, literature, and rhetoric in connection with local place, region, and community.

German

Seminar in German Literature I

GERM 951 700 1-24 credits Class #11613
Instructor: Priscilla Hayden-Roy
Prerequisite: Permission

The classical period, Klopstock, Wieland, Lessing, Herder, Schiller, Goethe. Subject to be selected.

Mathematics

Mathematics for High School Teachers II

MATH 808 700 3 credits Class # 3922
Instructor: Gordon Woodward
Prerequisite: MATH 310 and 350

Analysis of the connections between college mathematics and high school algebra and geometry.
COLLEGE OF BUSINESS ADMINISTRATION

Online MBA Program
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

New 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 1118A:**
   July 11, 2011 – September 16, 2011

   **Module 1118B:**
   September 26, 2011 – December 9, 2011

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
- M.S. in Child, Youth and Family Studies, specializations 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 (Student Affairs specialization is also available)
- 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
- Graduate Certificate in Mixed Method Research

Nutrition and Health Sciences
- M.S. 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 Autism/Severe Disabilities
  - Graduate Certificate in Early Childhood special Education

Teaching, Learning & Teacher Education
- M.A. in German Language Education

Textiles, Clothing and Design
- M.A. in Textiles, Clothing and 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: mailto:lking2@unl.edu

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

Educational Psychology
Allison Jones
Phone: (402) 472-1050
E-mail: ajones3@unl.edu
Nutrition and Health Sciences
Lori Rausch
Phone: (402) 472-3724
E-mail: lrush1@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, Clothing and 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
Nutrition (NUTR): (402) 472-3716
Special Education and Communication Disorders (SPED): (402) 472-2145
Teaching, Learning, & Teacher Education (TLTE): (402) 472-2231
Textiles, Clothing, and Design (TXCD): (402) 472-2911

Consult https://myred.nebraska.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

Supervisory Leadership

CYAF 807  700  3 credits  Class # 6657
ALEC 807  700  3 credits  Class # 2461
Instructor: Sandra Sattler Weber
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.

Special Topics in Family and Cultural Diversity

CYAF 895  700  3 credits  Class # 6622
Instructor: Yan Xia

Current topics related to diverse populations, e.g., religion, sexual orientation, ethnicity.
Community Internships in Child, Youth and Family Studies

CYAF 897D 700 1-6 credits Class # 5739
Instructor: Cody Hollist
Prerequisite: 12 hrs CYAF and/or related social sciences

Fieldwork in agencies serving children, youth and families.

Educational Administration

Practicum in Educational Administration and Supervision

EDAD 811 700 3-4 credits Class # 5752
Instructor: Marilyn Grady
Prerequisite: Permission

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.

Educational Finance

EDAD 833 700 3 credits Class # 5754
Instructor: Barbara LaCost

Critical analysis of the political and economic elements impacting K-12 school finance. Content and activities address both building and district level concerns with an emphasis on principles, programs, and trends in school finance.

Education Law

EDAD 837 700 3 credits Class # 5755
Instructor: Staff

Evolution, principles, and practice of education law in relation to local, state, and national units of organization. Education law of Nebraska.

School Culture and Student Behavior

EDAD 852 700 3 credits Class # 5757
Instructor: Staff

School culture and student behavior in P-12 schools. Personalized teaching and learning environments that address student diversity, needs and interests.

Workshop Seminar: Career Development

EDAD 890 700 3 credits Class # 11743
Instructor: Richard Torraco

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.
**Workshop Seminar**

EDAD 893 700 1-6 credits
Class # 22450
Instructor: Staff

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.

**Masters Thesis**

EDAD 899 700 1-10 credits Class # 5766
Instructor: Staff

Prerequisite: Admission to the masters degree program and permission of major adviser.

**System-Level School Improvement**

EDAD 901 700 3 credits Class # 5767
Instructor: Jody Isernhagen

Knowledge and skills required for system-level leaders to bring about school improvement and enhance student achievement. Creating systems that engage the public, performing in complex political environments, and delivering needed services to schools and classrooms.

**Data for Action Planning**

EDAD 902 700 3 credits Class # 5682
Instructor: Jody Isernhagen
Prerequisite: EDAD 901.

EDAD 902 requires developing an initial school improvement plan.

Assessment theory and types of assessments used to measure student performance relative to a school improvement goal. Relationships between profile data and baseline data, locally developed classroom assessments, and post data pertaining to school improvement goals and action plans.

**Independent Study**

EDAD 896 700 1-6 credits Class # 5764
Instructor: Staff

Selected topic with the direction and guidance of a staff member.

**Independent Study: Academy/Leadership Practicum**

EDAD 896 992 1-6 credits Class # 6680
Instructor: William Watwood

Selected topic with the direction and guidance of a staff member.
Issues in System Level Administration

EDAD 906  700  3 credits  Class # 5667
Instructor: Randall Nelson
Prerequisite: Masters degree or equivalent.

Selected system level issues faced by pre-K to grade 12 school administrators.

The Higher Education Environment

EDAD 910  992  3 credits  Class # 6499
Instructor: Rachelle Winkle Wagner

Universities are adaptive, living systems interacting with their environment. Equips participants with the skills required to analyze and assess the environment of higher education institutions. Environment concepts, components and structures are studied together with analysis techniques and methodological approaches to future study.

Educational Leadership in Higher Education

EDAD 912A  700  3 credits  Class # 22446
Instructor: James Griesen

Strategic thinking, application of leadership theories in the educational setting. Develop a clear personal philosophy of leadership and engage in collaborative active-learning. Multimedia simulations and/or scenarios and role playing to examine options, consequences, and leadership effectiveness in decision-making.

Educational Leadership in Community Colleges

EDAD 912B  700  3 credits  Class # 22449
Instructor: James Griesen

Issues facing community college leaders and the knowledge, skills, and competencies necessary to provide effective leadership in the community college setting. Case studies of community colleges, combined with the literature on community college leadership, and active learning opportunities to examine current practices and develop a personal philosophy of leadership.

Administrative Issues in Higher Education

EDAD 921  700  3 credits  Class # 5769
Instructor: James Griesen
Special fee: $30.00

Introduction to contemporary issues in the administration of higher education with a focus on the scholarly literature, a comparative analysis of administration in types of institutions, leadership and planning, institutional and environmental issues, and selected topics.
The Community/Junior College

EDAD 923  992  3 credits  Class # 6661
Instructor: Staff

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.

The American Professoriate: An Administrative Perspective

EDAD 926  700  3 credits  Class # 6579
Instructor: Miles Bryant

Contemporary faculty issues in postsecondary education institutions from the perspective of college administrators. Current status of faculty, assigning faculty workloads and monitoring performance levels, evaluating faculty performance, structuring development activities, and special topics.

Seminar in Educational Administration: Community College Leadership

EDAD 966  700  1-3 credits Class # 6578
EDAD 966  992  1-3 credits Class # 6664
Instructor: Brent Cejda
Prereq: Permission

Education administration problems with an analysis of research and literature pertaining to these problems.

Seminar in College Student Personnel Work

EDAD 979  700  2-3 credits Class # 5776
EDPS 979  700  2-3 credits Class # 5860
Instructor: Richard Hoover

Current professional issues related to the organization and administration of student personnel within higher education. Exploration of research literature, some field experiences, and in-depth examination of special topics.

Introduction to Research

EDAD 981  700  3 credits Class # 11744
Instructor: Staff

A written report is required. Investigation and analysis of current problems in education administration and supervision.

Survey of Administrative Research

EDAD 989  700  3 credits Class # 5779
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 # 5782
Instructor: Staff
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 3 credits Class # 11745
Instructor: Richard Torraco

Doctoral Seminar

EDAD 995 796 3 credits Class # 6504
Instructor: Staff
Prerequisite: Permission.

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: Academy/Leadership Practicum

EDAD 995 992 3 credits Class # 6681
Instructor: William Watwood
Prerequisite: Permission.

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 # 5787
Instructor: Marilyn Grady
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 # 5789
Instructor: Staff
Prerequisite: Admission to doctoral degree program and permission of supervisory committee chair.

Educational Psychology

Statistical Methods

EDPS 859 700 3 credits Class # 5837
Instructor: Staff
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.

Qualitative Approaches to Educational Research

EDPS 900D 700 3 credits Class # 6466
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 Qualitative Research

EDPS 935 700 3 credits Class # 6448
Instructor: Staff
Prerequisite: EDUC 900K or permission
Seminar intended for doctoral-level students who have completed an initial qualitative research methodology course and who want to increase their skills in qualitative research. Data collection and analysis strategies and the application of those strategies to research problems.

Seminar in College Student Personnel Work

EDAD 979 700 2-3 credits Class # 5776
EDPS 979 700 2-3 credits Class # 5860
Instructor: Richard Hoover
Prerequisite: Admission to a doctoral program
Special fee: $10.00

Current professional issues related to the organization and administration of student personnel within higher education. Exploration of research literature, some field experiences, and in-depth examination of special topics.

Nutrition

Independent Study

NUTR 896 992 1-5 credits Class # 6662
Instructor: Donna Hahn
Prerequisite: 12 hrs in major department or closely related areas, and permission

Work supervised and evaluated by departmental faculty members. Individual projects in research, literature review, or creative production may or may not be an extension of course work.
Special Education

Characteristics of Exceptional Persons

**Internet**

SPED 800 700 3 credits Class # 6094  
Instructor: Staff

Etiology, growth and development, and characteristics of persons who differ from the norm.

Accommodating Exceptional Learners in the Secondary School Classroom

**Internet**

SPED 801B 992 3 credits Class # 6498  
Instructor: Julie Johnson  
Prerequisite: Admission to the Teacher Education Program; EDPS 362; TEAC 297

Legal and ethical requirements for educating exceptional learners; identification, referral, and placement procedures; development and use of the Individual Education Program; strategies for teaching and evaluating; managing the academic and social behaviors of a range of exceptional and other at-risk learners in the secondary school.

Teaching Students with Disabilities in the Secondary School

**Internet**

SPED 807 700 3 credits Class # 6105  
Instructor: Suzanne Kemp  
Prerequisite: SPED 201 or 800

Information about the mildly/moderately disabled secondary-level student; including characteristics, assessment, models for programs, social skill training, behavior management, working with parents, and curriculum modification.

Autism Spectrum Disorders (ASDs): Effective Assessment and Intervention

**Internet**

SPED 809 700 3 credits Class # 11640  
Instructor: Ellin Siegel; Laura Maddox  
Time: T 6:00-8:50 PM CDT  
Prerequisite: SPED 400/800 or equivalent  
*SPED 809 requires observation in schools and applied assignments.*

Designed for educators of children and youth with Autism Spectrum Disorders (ASDs) in school settings. Assessment strategies to identify characteristics of ASDs focused on individual needs and strengths-based outcomes. Knowledge and skills regarding evidence-based practices and individualized educational programs.

Assessment Techniques for Diverse Learners

**Internet**

SPED 812 700 3 credits Class #6668  
Instructor: James Nelson  
Prerequisite: SPED 201 and 303

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.
Mathematics Instruction for Diverse Learners

SPED 820  700  3 credits  Class #11641
Instructor: James Nelson
Prereq: Completion of all deficiency courses: SPED 400/800; or 412/812; or 414/814. 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.

Supplemental basic skills and concepts instruction for diverse learners within a response to intervention models and on mathematics instruction. Selection, delivery, and evaluation of standard protocol and individualized interventions to diverse learners.

Characteristics of Emotional and Learning Disorders

SPED 843  700  3 credits  Class # 6108
Instructor: Reece Peterson
Time: W 6:00-8:50 PM CDT
Prerequisite: SPED 400/800

Learning, academic, behavioral, social-emotional and language characteristics of students who are classified as having disabilities for purposes of special education. Definitions, classification systems, assessment and verification criteria, and medications for students with learning and emotional disabilities.

Foundations of Visual Impairment: Programs and Services for Individuals with Visual Impairments

SPED 846  700  3 credits  Class # 12216
Instructor: Tessa Wright
Prerequisite: Admission to visually impaired program; hold or concurrently earn subject/field endorsement

Current educational programs and services for children with visual impairments, as well as children with multiple disabilities. History of educational services, developmental characteristics, psycho-social aspects, history of legislation, and grade I Braille.

Introduction to Eye Anatomy of Students with Visual Impairments

SPED 847  700  3 credits  Class # 11645
Instructor: Tessa Wright
Prerequisite: SPED *846 or permission

Structure and function of the visual system, conditions that effect visual ability, and the functional and environmental implications of low vision. Strategies for enhancing visual ability in children with visual impairments and children who have additional disabilities.
Supervising Special Education

SPED 856 700  3 credits  Class # 7379
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.

Psychology and Sociology of Deafness

SPED 872  700  3 credits  Class # 6115
Instructor: Malinda Eccarius
Brief overview of education of the hearing impaired including history of, professional roles in, and educational programming within this field. Overview of social/psychological theories as related to the hearing impaired. Patterns of social/emotional development, psychological characteristics, issues of the family stress and social adaptation and discussion of counseling techniques.

Language Arts and Literacy for the Hearing Impaired

SPED 874  700  3 credits  Class # 6117
Instructor: Malinda Eccarius
Assessment instruments, curricula and instructional methods for developing language and literacy in classrooms for hearing impaired children, preschool through grade 12. Methods for coordinating speech and/or language and/or auditory training program in the classroom with that in the speech and/or language therapy program.

Specialized Instruction for Students with Severe and Multiple Disabilities

SPED 882  700  3 credits  Class # 6119
Instructor: Ellin Siegel
Prerequisite: SPED *881 for the Severely/Multihandicapped endorsement program or SPED *862 for Preschool Handicapped endorsement program; and permission. Majors in severe disabilities must parallel with SPED 896P (1 cr).
SPED *882 requires observations in schools and applied assignments.

Independent Study in Special Education

SPED 895  700  1- 3 credits  Class # 6121
Instructor: Staff
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
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.

Directed Field Experience: General Special Education

SPED 896E 700 1-6 credits Class # ****
Instructor: Christine Marvin; Malinda Eccarius
Prerequisite: Permission. Obtain call number at program office.

Directed Field Experience: Severe Disabilities

SPED 896P 700 1-6 credits Class # ****
Instructor: Ellin Siegel
Prerequisite: Permission. Obtain call number from the Instructor.

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.

Directed Field Experience: Visual Impairments

SPED 896V 700 1-6 credits Class # ****
Instructor: Tessa Wright
Prerequisite: Obtain call number from the Instructor.

Student Teaching: Exceptional Learners; 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.

Student Teaching: Exceptional Learners; 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.

Student Teaching: Exceptional Learners; 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.

Student Teaching: Exceptional Learners; 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.
Student Teaching: Exceptional Learners; Multicultural Education

SPED 897Z 700 1-9 credits Class #****
Instructor: Suzanne Kemp
Prerequisite: By application only. Note: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin. Obtain the call number from the Instructor.

Family Services for Handicapped Children

SPED 960 700 3 credits Class #10961
Instructor: Christine Marvin
Prerequisite: Professional experience or completion of one practicum/field experience with children who have disabilities. Contact the Instructor for further information.

Impact of having a child with a disability on the normal and stressed family system. Understanding family-professional relationships that promote family members as partners in assessment and intervention programs for the child. Communication skills necessary for effective interviewing, consulting and collaborating with family members and other community team members.

Readings in Special Education: Itinerant Teaching

SPED 996B 700 1-12 credits Class # ****
Instructor: Staff
Prerequisite: Permission. Obtain call number at program office.

Collaboration and consultation skills for itinerant teachers serving low incidence populations; organization, planning, IEP participation, professional in-service 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 webeasi.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.

UNKL 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

Language Study of Teachers of Deaf and Hard of Hearing (DHH)

SPLA 956  700  3 credits  Class # 6094
Instructor: Malinda Eccarius


Teaching, Learning & Teacher Education

Inquiry into Teaching and Learning

TEAC 800  700  3 credits  Class # 6265
Instructor: Stephen Swidler

Reading Processes and Practices: Special Topics in Reading

TEAC 811  700  3 credits  Class # 11793
Instructor: Guy Trainin

Overview of reading processes and programs, with special attention to strategies for comprehension and word identification, approaches, and materials.

Studies in Teaching English as a Second Language: Acquisition

TEAC 813A  700  3 credits  Class # 6274
Instructor: Jenelle Reeves

Preparation for teaching K-12 learners whose language of nurture is not English.

Principles and Practices in Social Studies Education

TEAC 822  700  3 credits  Class # 11794
Instructor: Susan Wunder

Current issues and trends in the curriculum and teaching of social studies.

Literary in Education: Multiethnic Literature for Children and Adolescents

TEAC 854B  700  3 credits  Class # 29712
Instructor: Kathryn Phillips

Comparative analyses of literature and the role of the reader as a meaning maker in educational settings.

Learning Models in Education: Unified Learning Model

TEAC 856A  700  3 credits  Class # 11796
Instructor: David Brooks

Introduction to current theoretical models of learning pertaining to schooling. Learner characteristics and applications to traditional classroom settings.
Education for a Pluralistic Society: Foundation and Issues

TEAC 861  700  3 credits  Class # 6288
Instructor: Elaine Chan

Educational practices and policies for people from historically oppressed groups in the United States Foundation of multicultural education. Discussion of contemporary educational issues within the context of multicultural and cultural diversity. Critique of curricular materials and resources promoting a multicultural perspective.

Education for a Pluralistic Society: Foundation and Issues

TEAC 861  992  3 credits  Class # 6496
Instructor: Ricardo Garcia

Educational practices and policies for people from historically oppressed groups in the United States Foundation of multicultural education. Discussion of contemporary educational issues within the context of multicultural and cultural diversity. Critique of curricular materials and resources promoting a multicultural perspective.

Teaching with Technology, Survey of Instructional Technology

TEAC 880A  700  3 credits  Class # 6289
Instructor: Allen Steckelberg

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 # 6290
Instructor: Delwyn Harnisch

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: Thomas McGowan
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  795  3 credits Class # ****
Instructor: Thomas McGowan
Prerequisite: Permission.

Selected topic with the direction and guidance of a staff member.
## Portfolio in Instructional Technology Competencies

**TEAC 959** 700 1-10 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.

## Doctoral Seminar

**TEAC 995** 700 3 credits Class # ****
Instructor: Thomas McGowan

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.

## Doctoral Dissertation

**TEAC 999** 700 1-24 credits Class # ****
Instructor: Thomas McGowan
Prerequisite: Admission to doctoral degree program and permission of supervisory committee chair.

## Textiles, Clothing & Design

### Independent Study: Textiles

**TXCD 896A** 700 1-10 credits Class # ****
Instructor: Patricia Crews
Prerequisite: 12 hrs textiles, clothing, and design and permission

The work will be supervised and evaluated by departmental faculty members. Individual projects in research, literature review, or creative production, may or may not be an extension of course work.

### Advanced Problems: Design

**TXCD 905D** 700 3 credits Class # ****
Instructor: Michael James
Prerequisite: Permission of chair

Reading, discussions, and reports dealing with the economic, sociological, historical, technical, and aesthetic phases of textiles and clothing.
Research Other Than Thesis

**Internet**

TXCD 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.

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Internship

**Internet**

TXCD 997  700  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.

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Internship

**Internet**

TXCD 997  795  1-9 credits
Class # ****
Instructor: Michael James
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.

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GREAT PLAINS IDEA

[www.gpidea.org](http://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 Rausch
(402) 472-3724
mailto:lrausch1@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.

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.

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. Instructors routinely require that successfully passed items be recycled in 180 days, which effectively puts a 6-month time limit on these courses.

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. Credit for three of the courses may be taken in Biochemistry (BIOC 869) or Biological Sciences (BIOS 883).

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

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.

The College of Engineering also offers a graduate certificate program in Logistics. Logistics is the optimization of facilities, transportation cost, labor and management of the supply chain to make organizations profitable. This 12-credit hour graduate certificate program is designed around a framework of problem diagnosis and definition, model formulation, solution methodology development and prototype decision support tools.

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 1118B:
September 26, 2011 – December 9, 2011

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:
(402) 472-3495

HIXSON-LIED COLLEGE OF FINE AND PERFORMING ARTS

Music Education

Workshop Seminar

MUED 890  700  1 credits, Call # 7851
Instructor: Rhonda Fuelberth
JOURNALISM & MASS COMMUNICATIONS

www.unl.edu/journalism

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

Public Relations Theory, Strategy and Management

ADVT 850  700  3 credits  Class # 8639
Instructor: Phyllis Larsen
Times: Tuesdays, 6:15 – 9:50 PM CDT

Philosophies and theories that underlie the discipline and profession of public relations. Critical and supportive perspectives used to gain insight into the history and direction of public relations.

Advertising and Public Relations in the Electronic Media

ADVT 859  700  1-4 credits  Class # 8761
Instructor: Roger Mitchell

Analysis and preparation of radio and television commercials and announcements in terms of content and production techniques. Development of structure and functions of the broadcast advertising media: regulations, responsibilities, audience analysis, and promotion.

Advertising and Public Relations Research

ADVT 881  700  3 credits  Class # 8615
Instructor: Staff

Experience the actual research process and produce a report.

Research in the planning, development and evaluation of advertising. The research process, the use of secondary sources of information, and how to analyze data from these sources. The planning and execution of primary research. Survey techniques.
Journalism

**Media Law Seminar**

[JGRD 809](#) 700  3 credits  Class # 30027
Instructor: John Bender
Times: Mondays, 5:30 – 8:20 PM CDT

Reading, discussion, and research on current issues in mass media law or theoretical bases for freedom of expression.

**Independent Study**

[JGRD 896](#) 700  1-3 credits  Class # 30025
Instructor: Frauke Hachtmann
Prereq: Permission of major adviser

**Masters Thesis**

[JGRD 899](#) 700  1-6 credits  Class # ****
Instructor: Frauke Hachtmann
Prerequisite: Admission to the masters degree program and permission of major adviser

**Multi-platform Journalism**

[JGRD 902](#) 700  3 credits  Class # 8963
Instructor: Jerry Renaud

Skills and technologies involved with multi-platform journalism and management.

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**Mass Communication Theory**

[JGRD 915](#) 700  3 credits  Class # 8719
Instructor: Linda Shipley
Times: Wednesdays, 5:30 – 8:20 PM CDT
Special Fee: $15

Process and effects of mass communication.

**Mass Media and Government**

[JGRD 954](#) 700  3 credits  Class # 8721
Instructor: John Bender
Times: Mondays, 5:30 – 8:20 PM CDT
Special Fee: $10

Process and effects of regulatory information control procedures of federal, state, and local government.

**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.