GETTING STARTED

1. Steps to Apply
   http://www.unl.edu/gradstudies/prospective/steps/
   UNL Graduate Studies
   1100 Seaton Hall
   Lincoln, NE 68588-0619
   (402) 472-2875 or (800) 742-8800
   Hours: Monday-Friday; 8:00 a.m.–5:00 p.m. CST
   E-Mail: graduate@unl.edu

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 “Online
   Distance Class” under “Mode of Instruction”. Refer to
   http://online.unl.edu/how-to-get-started/get-
   registered.aspx for further information on registering.

   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://online.unl.edu/programs-and-
   courses/current-students.aspx.

3. Know where and how to access your course
   Access to high speed Internet and e-mail are required
   for all distance courses.

   UNL distance courses are delivered through
   Blackboard, an online learning management system.
   Blackboard allows students to submit assignments
   and projects; access course syllabi, announcements,
   grades and exams; and communicate with instructors
   and classmates via announcements, discussion
   boards and real-time chats. Blackboard can be
   accessed at myred.unl.edu.

4. 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.

   To determine which textbooks, if any, you will need
   for your course, please visit the University Bookstore
   website listed below and follow the prompts under
   “Books”.

   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

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/2014-2015-rates-
   onlinedistance-education-courses
ACADEMIC CALENDAR
http://registrar.unl.edu/academic-calendar

TECHNICAL AND COMPUTER SUPPORT
Information Services Computer Help Center
http://its.unl.edu/helpcenter
City Campus Hours:
   Monday- Friday, 7:30 a.m.-7:30 p.m. CST
East Campus Hours:
   Monday-Friday, 8:30 a.m.-5:00 p.m. CST
(866) 472-3970 (toll free)
(402) 472-3970 (local)
E-mail: mysupport@unl.edu

LIBRARY SERVICES
University Libraries
Charlene Maxey-Harris
Chair, Research & Instructional Services
(402) 472-8700
E-mail: cmaxeyharris2@unl.edu
http://libraries.unl.edu
AGRICULTURAL SCIENCES & NATURAL RESOURCES

casnr.unl.edu

- M.S. in Agronomy
- Master of Applied Science
- Master of Applied Science with a Specialization in Community Development
- Master of Applied Science with a Specialization in Science for Educators
- M.S. in Entomology
- Graduate Certificate in Advanced Horticulture
- Graduate Certificate in Floriculture & Nursery Production Management
- Graduate Certificate in Food Safety & Defense
- Graduate Certificate in Grasslands Management
- Graduate Certificate in Insect Biology for Educators
- Graduate Certificate in Ornamentals, Landscape & Turf

In the College of Agricultural Sciences and Natural Resources, students will find a wealth of opportunities as they find the area of study to match their career dreams.

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

Agribusiness Entrepreneurship

Business Management for Agricultural Enterprises

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAEP 888</td>
<td>3</td>
<td>2099</td>
</tr>
<tr>
<td>AGRO 888</td>
<td>3</td>
<td>2095</td>
</tr>
<tr>
<td>ENTR 888</td>
<td>3</td>
<td>5520</td>
</tr>
<tr>
<td>HORT 888</td>
<td>3</td>
<td>2091</td>
</tr>
</tbody>
</table>

Instructor: David Lambe

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

Agricultural Economics

Environmental Law

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AECN 856</td>
<td>3</td>
<td>2450</td>
</tr>
</tbody>
</table>

Instructor: J. David Aiken

Administrative law, risk assessment, environmental impact review, Clean Air Act, Clean Water Act, non-point pollution control, wetlands regulations, pesticide and toxic substance regulation, solid and hazardous waste regulation, drinking water protection, land use regulation, energy policy, and international environmental law.

Ag Leadership, Education and Communication

Overview to Program Planning

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 800</td>
<td>3</td>
<td>****</td>
</tr>
</tbody>
</table>

Instructor: Lloyd Bell

Prerequisite: Permission

Theoretical and applied considerations for identifying content, design, implementation, and evaluation of educational programs that varies in length from several hours to several months. Designed for individuals interested in developing and/or improving program planning skills.
### Environmental Leadership

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 810</td>
<td>700</td>
<td>1654</td>
</tr>
<tr>
<td>NRES 813</td>
<td>700</td>
<td>1655</td>
</tr>
</tbody>
</table>

Instructor: Courtney Quinn

Major leaders in conservation and ecology that emphasizes agricultural and cultural issues and relationships with the environment.

### Leadership & Motivation

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 877</td>
<td>700</td>
<td>1658</td>
</tr>
</tbody>
</table>

Instructor: Susan Burton

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

### Organization of the Agricultural Mechanics Program

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 908</td>
<td>700</td>
<td>2056</td>
</tr>
</tbody>
</table>

Instructor: Dann Husmann; Eric Knoll

Philosophy, objectives, procedures, and techniques used in organizing the program of agricultural mechanics instruction for secondary and post-high school students and adults. Determining units of instruction, evaluating student effort, procedures in shop instruction, selection of equipment, and integration into the vocational agriculture program.

### Program Development in Occupational Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC 913</td>
<td>700</td>
<td>****</td>
</tr>
</tbody>
</table>

Instructor: Lloyd Bell

Prerequisite: Permission

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.

### Agricultural Sciences

#### Master of Applied Science Project

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRI 897</td>
<td>700</td>
<td>1089</td>
</tr>
<tr>
<td>AGRO 897</td>
<td>700</td>
<td>1139</td>
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<tr>
<td>HORT 897</td>
<td>700</td>
<td>1403</td>
</tr>
<tr>
<td>NRES 897</td>
<td>700</td>
<td>2100</td>
</tr>
</tbody>
</table>

Instructor: Dan Cotton

Prerequisite: Admission to Master 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.

### Agronomy

#### Crop Genetic Engineering

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Class #</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRO 811</td>
<td>791</td>
<td>24439</td>
</tr>
</tbody>
</table>

Instructor: Leah Sandall; Thomas Clemente

Dates: 11/2/2015 – 12/18/2015

Basic steps required to produce genetically engineered crops. Genetic engineering procedures used to develop current crops and innovations that will lead to future products. Genetic engineering process and predicting how changes in different steps of the process influence the final crop. Application of genetic engineering technology to plan the development of new genetically engineered crops.
### Crop and Weed Genetics
AGRO 812  791  1 credit  Class # 24439  
Instructor: Donald Lee  
Dates: 9/14/2015 – 10/30/2015  
Application of classical and molecular genetic principles to the explanation of variation observed in plant families and populations. Interpretation of information gathered from whole plant trait observation and from molecular analysis. Relationships between crops and weeds. Examples from genetic studies on both crop and weed species are the basis of course.

### Self-Pollinated Crop Breeding
AGRO 815A  700  1 credit  Class # 1126  
ENTO 815A  700  1 credit  Class # 1320  
Instructor: P. Stephen Baenziger  
Dates: 8/24/2015 – 9/24/2015  
Self-pollinated plant breeding theory and methods. Pedigree, bulk, single seed descent, back-crossing methods and inbreeding theory.

### Germlasm and Genes
AGRO 815B  700  1 credit  Class # 1128  
ENTO 815B  700  1 credit  Class # 1322  
Instructor: P. Stephen Baenziger  
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.

### Cross Pollinated Crop Breeding
AGRO 815D  700  1 credit  Class # 1629  
ENTO 815D  700  1 credit  Class # 1628  
Instructor: P. Stephen Baenziger  
Dates: 11/5/2015 – 12/10/2015  
Cross-pollinated breeding theory and methods. Genes in populations, recurrent selection methods, creating populations, hybrid production practices, and population improvement theory.

### Business Management for Agricultural Enterprises
AGRO 888  700  3 credits  Class # 2095  
EAEP 888  700  3 credits  Class # 2099  
ENTR 888  700  3 credits  Class # 5520  
HORT 888  700  3 credits  Class # 2091  
Instructor: David Lambe  
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.

### Graduate Degree Project Credits
AGRO 894  700  1-6 credits  Class # ****  
HORT 894  700  1-6 credits  Class # ****  
Instructor: Mark Lagrimini  
Prerequisites: Department consent required. Admission to Master of Agronomy or Horticulture degree program.  
Design, develop and complete a project that requires synthesis of the course topics covered in the primary area of emphasis. Project activity for the nonthesis option II MS degree.

### Independent Study
AGRO 896  700  1-6 credits  Class # ****  
Instructor: Staff  
Prerequisites: Department consent required.  
Individual or group projects in research, literature review, extension of course work under supervision and evaluation of a departmental faculty member.
Independent Study: Disease Resistance Breeding

AGRO 896  791  1 credit  Class # 2575
HORT 896  791  1 credit  Class # 2576
Instructor: Donald Lee
Dates: 9/30/2015 – 12/14/2015

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

Independent Study: Disease Resistant Transgene Strategy

AGRO 896  792  1 credit  Class # 24428
Instructor: Donald Lee

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

Master of Applied Science Project

AGRO 897  700  1-6 credits  Class # 1139
AGRI 897  700  1-6 credits  Class # 1089
HORT 897  700  1-6 credits  Class # 1403
NRES 897  700  1-6 credits  Class # 2100
Instructor: Dan Cotton
Prerequisite: Admission to Master 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.

Masters Thesis

AGRO 899  700  1-10 credits  Class # ****
Instructor: Mark Lagrimini
Prerequisite: Department consent required.

Entomology

Aquatic Insects

ENTO 802  700  2 credits  Class # 19160
BIOS 885  700  2 credits  Class # 19162
NRES 802  700  2 credits  Class # 19164
Instructor: Stephen Danielson
Biology and ecology of aquatic insects.

Insect Ecology

ENTO 806  700  3 credits  Class # 2224
BIOS 806  700  3 credits  Class # 4986
Instructor: Stephen Danielson
Interrelationships of biotic and abiotic factors as they influence insect development, behavior, distribution and abundance.

Self-Pollinated Crop Breeding

ENTO 815A  700  1 credit  Class # 1320
AGRO 815A  700  1 credit  Class # 1126
Instructor: P. Stephen Baenziger
Dates: 8/24/2015 – 9/24/2015
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 # 1322
AGRO 815B  700  1 credit  Class # 1128
Instructor: P. Stephen Baenziger
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.
Cross Pollinated Crop Breeding
ENTO 815D    700    1 credit    Class # 1629
AGRO 815D    700    1 credit    Class # 1628
Instructor: P. Stephen Baenziger
Dates: 11/5/2015 – 12/10/2015
Cross-pollinated breeding theory and methods. Genes in populations, recurrent selection methods, creating populations, hybrid production practices, and population improvement theory.

Insect Behavior
ENTO 819    700    3 credits    Class # 19148
Instructor: Thomas Weissling
Prerequisite: Introductory course in entomology

The process of behavioral study involves investigating the relationship between animals and their surroundings, and their response to their kin and to other organisms. Topics include characterizing how insects find and defend their resources, how they avoid predators, how they find mates, how they mate, and how some exist in highly ordered social settings.

Population and Ecological Genetics
ENTO 827    700    3 credits    Class # 19167
Instructor: Nicholas Miller
Prerequisite: Introductory Genetics, Introductory Algebra.

Introduction to key theoretical concepts in population genetics and their application. Mutation, genetic drift, structured populations, natural selection, molecular evolution.

Master's Degree Project
ENTO 888    700    4 credits    Class # 1838
Instructor: Robert Wright, Stephen Danielson, Thomas Weissling
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
Prerequisites: Department consent required.

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.

Presentation Methods
ENTO 915    700    3 credits    Class # ****
Instructor: Douglas Golick, Lana Johnson
Prerequisites: Permission.
Special Fee: $50

This course prepares entomology graduate students to give scientific and public presentations. It includes instruction in preparing posters and on-screen shows, image editing, finding entomological resources in libraries and on the internet, insect photography, and public speaking. Students develop a portfolio of their work, and they make two 12- and one 30-minute presentations to their classmates.

Entrepreneurship

Business Management for Agricultural Enterprises
ENTR 888    700    3 credits    Class # 5520
EAEP 888    700    3 credits    Class # 2099
AGRO 888    700    3 credits    Class # 2095
HORT 888    700    3 credits    Class # 2091
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

Food Microbiology
FDST 805  700  3 credits  Class # ****
BIOS 845  700  3 credits  Class # ****
Instructor: Andrew Benson; Robert Hutkins
Prerequisite: Department consent required.
Nature, physiology, and interactions of microorganisms in foods. Introduction to food-borne diseases, the effect of food processing systems on the micro flora 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.

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

Forensic Science

Principles of Forensic Photography
FORS 802  700  1 credit  Class # 2074
Instructor: Amber Gudgell, Larry Barksdale
Dates: 8/24/2015 – 9/25/2015
NOTE: Students supply own digital camera
Concepts, techniques, analysis and interpretation of photographic evidence.

Bloodstains as Evidence
FORS 804  795  1 credit  Class # 2067
Instructor: Larry Barksdale
Dates: 8/24/2015 – 9/25/2015
Documentation and interpretation of geometric bloodstains calculating probable origins, and collecting blood as a source of DNA evidence.

Horticulture

Business Management for Agricultural Enterprises
HORT 888  700  3 credits  Class # 2091
EAEP 888  700  3 credits  Class # 2099
AGRO 888  700  3 credits  Class # 2095
ENTR 888  700  3 credits  Class # 5520
Instructor: David Lambe
Research a specific agricultural enterprise. Develop and present a business plan using materials from the primary area of interest.

Graduate Degree Project Credits
HORT 894  700  1-6 credits  Class # ****
AGRO 894  700  1-6 credits  Class # ****
Instructor: Mark Lagrimini
Prerequisites: Department consent required. Admission to Master of Agronomy or Horticulture degree program.

Design, develop and complete a project that requires synthesis of the course topics covered in the primary area of emphasis. Project activity for the nonthesis option II MS degree.

Independent Study
HORT 896  700  1-5 credits  Class # ****
Instructor: Mark Lagrimini
Prerequisite: Department consent required.
Individual or group projects in research and literature review under supervision and evaluation of a departmental faculty member.
Independent Study: Disease Resistance Breeding

HORT 896  791  1 credit  Class # 2576
AGRO 896  791  1 credit  Class # 2575

Instructor: Donald Lee
Dates: 9/30/2015 – 12/14/2015

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

Master of Applied Science Project

HORT 897  700  1-6 credits  Class # 1403
AGRI 897  700  1-6 credits  Class # 1089
AGRO 897  700  1-6 credits  Class # 1139
NRES 897  700  1-6 credits  Class # 2100

Instructor: Dan Cotton
Prerequisite: Admission to Master 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

Aquatic Insects

NRES 802  700  2 credits  Class # 19164
ENTO 802  700  2 credits  Class # 19160
BIOS 885  700  2 credits  Class # 19162

Instructor: Stephen Danielson
Biology and ecology of aquatic insects.

Laboratory Earth: Earth and Its Systems

NRES 809  700  3 credits  Class # 24563

Instructor: Staff

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 # 1655
ALEC 810  700  3 credits  Class # 1654

Instructor: Courtney Quinn

Major leaders in conservation and ecology that emphasizes agricultural and cultural issues and relationships with the environment.

Laboratory Earth: Climate Research Applications

NRES 830  700  3 credits  Class # 2206

Instructor: Staff

Climate-change issues serve as a context to develop research questions and design a discrete, locally oriented research project through which they define a problem, analyze data, and develop conclusions to potentially impact decision-making in their community. Designed for science educators.

Master of Applied Science Project

NRES 897  700  1-6 credits  Class # 2100
AGRI 897  700  1-6 credits  Class # 1089
AGRO 897  700  1-6 credits  Class # 1139
HORT 897  700  1-6 credits  Class # 1403

Instructor: Dan Cotton
Prerequisite: Admission to Master 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.
Veterinary & Biomedical Science

Seminar
VBMS 909  700  1-4 credits  Class # ****
Instructor: Donna Bode
Prerequisite: Department consent required
Time: Mondays, 4:00-4:50 p.m. CST

AG*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:
• Advanced Horticulture Graduate Certificate
• Community Development Concentration within the Master of Applied Science
• Floriculture & Nursery Production Management Graduate Certificate
• Food Safety and Defense Graduate Certificate
• Grassland Management Graduate Certificate
• Ornamentals, Landscape & Turf Graduate Certificate

For information on the Great Plains IDEA programs listed above contact:
Diane Wasser
(402) 472-6251
Dwasser1@unl.edu
COLLEGE OF ARCHITECTURE

http://archweb.unl.edu/

http://online.unl.edu/Graduate/Programs/Interior-Design-Masters.aspx

- MS: Specialization in Interior Design
- Graduate Certificate in Gerontology, Concentration 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.

The Gerontology with a Concentration in Interior Design Graduate Certificate program provides a specialized area of focus that complements a broader graduate degree or offers a mid-career professional a more focused understanding of the relationship between the design of an environment and its aging occupants.

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

Gerontology (GERO): (402) 472-0754

For more information contact:

Interior Design:
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

Gerontology:
Dr. Julie Masters
(402) 472-0754
E-mail: imasters@unomaha.edu

Architecture

Masters Thesis
ARCH 899 700 1-10 credits Class # 2693
Instructor: Staff
Projects to place special emphasis upon a major field of interest. Design problem or written thesis.

Interior Design

History of Interiors and Designed Objects
IDES 845 700 3 credits Class # 2715
Instructor: Mark Hinchman

History and development of interiors and furnishings from prehistoric times to the present day, emphasizing the eighteenth, nineteenth, and twentieth centuries. Interiors and furnishings focused on the West yet considered within a global context.

The Changing Workplace
IDES 858 700 3 credits Class # 2691
Instructor: Christine Kenline

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 # 28485
Instructor: Mark Hinchman

Theories and practices of material culture. History and interior design—and indeed the broad category of humanity itself—through the lens of material objects.
Selected Topics in Interior Design: Crossroads of Design and Health
IDES 891 700 3 credits Class # 28487
Instructor: Jerri Brittin

Group investigation of a topic in interior design originated by instructor.

Selected Topics in Interior Design
IDES 898 700 1-6 credits Class # 2694
Instructor: Staff

Individual investigation of a topic in interior design.

Gerontology

Issues in Aging: Management/ Administration of Aging Programs
GERO 835 700 3 credits Call # 9752
Instructor: Hannah Elliott

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.

Issues in Aging: Senior Housing
GERO 835 701 3 credits Call # 9754
Instructor: Karen Shaffer

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.

Issues in Aging: Politics and Aging
GERO 835 702 3 credits Call # 17728
Instructor: Christopher Kelly

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.

Psychology of Adult Development and Aging
GERO 846 700 3 credits Call # 9748
Instructor: Samuel Holley, Jr.

Major social and psychological changes that occur as a function of aging. Both normal and abnormal patterns of developmental change including their implications for behavior.
COLLEGE OF ARTS & SCIENCES

http://cas.unl.edu/

- Master of Arts for Teachers, Concentration in Mathematics

The College of Arts and Sciences’ 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.

Biological Sciences

Insect Ecology
BIOS 806 700 3 credits Class # 4986
ENTO 806 700 3 credits Class # 2224
Instructor: Stephen Danielson

Interrelationships of biotic and abiotic factors as they influence insect development, behavior, distribution and abundance.

Food Microbiology
BIOS 845 700 3 credits Class # ****
FDST 805 700 3 credits Class # ****
Instructor: Robert Hutkins, Andrew Benson
Prerequisite: Permission

Nature, physiology, and interactions of microorganisms in foods. Introduction to food-borne diseases, the effect of food processing systems on the micro flora 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.

Aquatic Insects
BIOS 885 700 2 credits Class # 19162
ENTO 802 700 2 credits Class # 19160
NRES 802 700 2 credits Class # 19164
Instructor: Stephen Danielson

Biology and ecology of aquatic insects.

Communication Studies

Research Problems Other Than Thesis
COMM 996 700 1-6 credits Class # ****
Instructor: Jordan Soliz
Prerequisite: Department consent required

English

Place Conscious Teaching
ENGL 992B 700 3-4 credits Class # 23717
Instructor: Robert Brooke

Theory and practice of teaching writing, literature, and rhetoric in connection with local place, region, and community.

Mathematics

Algebra for Algebra Teachers
MATH 810T 700 3 credits Class # 4834
Instructor: Michelle Homp
Prerequisites: Admission to the MAT or MScT program in mathematics or to a graduate program in the College of Education and Human Sciences.

The integers. The Euclidean algorithm, the Fundamental Theorem of Arithmetics, and the integers mod n. Polynomials with coefficients in a field. The division algorithm, the Euclidean algorithm, the unique factorization theorem, and its applications. Polynomials whose coefficients are rational, real or complex. Polynomial interpolation. The habits of mind of a mathematical thinker. The conceptual underpinnings of school algebra.

Functions for High School Teachers
MATH 811T 700 3 credits Class # 5226
Instructor: Lucinda Zmarzly

Course examines mathematics underlying pre-calculus material through problem solving. Connections to other topics in mathematics, including algebra, geometry and advanced mathematics are highlighted.
COLLEGE OF 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:

  CBA Graduate Advising
  Phone: (402) 472-2338
  E-mail: cbagrad@unl.edu

Consult mba.unl.edu/distance/current/schedule.aspx for all course information.

COLLEGE OF EDUCATION & HUMAN SCIENCES

http://cehs.unl.edu/cehs/l_index.shtml

Child, Youth and Family Studies
• M.S. in Child, Youth and Family Studies, specializations in Family & Community Services; Family and Consumer Sciences Education; Family Financial Planning; Human and Family Services Administration; International Family Studies and Youth Development
• Graduate Certificate in Family Financial Planning
• Graduate Certificate in Financial & Housing Counseling
• 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 with area of study in Higher Education Leadership
• Ed.D. in Educational Administration, focus in P-12 Education (joint program with UNO) (Ed.D. requires 6 credit hours of on-campus attendance)
• 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
  - P-8 Principal
  - 7-12 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
- Master’s Degrees and/or Endorsements
  - 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 Early Childhood Special Education

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

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

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
Cindy DeRyke
Phone: (402) 472-3728
E-mail: cderyke1@unl.edu

Educational Psychology
Allison Jones
Phone: (402) 472-1050
E-mail: ajones3@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

Textile History/Quilt Studies
Dr. Patricia Crews
Phone: (402) 472-0289
E-mail: pcrews1@unl.edu

Merchandising
Dr. Rita Kean
Phone: (402) 472-5473
Email: rkean1@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.

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 (TEAC): (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.
Child, Youth, and Family Studies

Critical Issues for the Beginning Teacher
CYAF 817  700  1-3 credits  Class # 23317
Instructor: Sheree Moser

Examines issues faced by beginning or returning teachers. Possible issues are classroom management, planning, selecting resources, and other critical issues to the new teacher. The theory and its application to the students’ educational setting discussed for each issue. Includes how teachers can mentor and support one another as a collaborative group.

Special Topics in Family and Cultural Diversity: Immigrants
CYAF 895  700  3 credits  Class # ****
Instructor: Yan Xia
Prerequisites: Department consent required.

Current topics related to diverse populations, e.g., religion, sexual orientation, ethnicity. Topics vary.

Community Internships in Child, Youth and Family Studies
CYAF 897D  700  1-6 credits  Class # ****
Instructor: Cody Hollist
Prerequisite: Department consent required.

Fieldwork in agencies serving children, youth and families. Orientation in prior semester and contract required.

Theories of Human Development and Family Relations
CYAF 972  700  3 credits  Class # 6254
Instructor: Soo-Young Hong
Prerequisites: 18 hrs. PSYC, and/or EDPS, and/or SOCI, and/or CYAF

Theoretical basis of child study and family analysis. Critical evaluation of methods and theories in child development, family relations, and human development from an integrative and holistic perspective.

Doctoral Dissertation
CYAF 999  700  1-24 credits Class # 6872
Instructor: Lisa King
Prerequisites: Admission to doctoral degree program and permission of supervisory committee chair.

Educational Administration

Cross-Cultural Leadership Studies
EDAD 801  700  3 credits  Class # 6898
Instructor: John Mackiel

For those interested in exploring leadership and leadership issues from a cross-cultural perspective. Students construct their understanding of different cultural perspectives on leadership through readings, interviews, and field trips. Provides students with a valuable perspective on their own and other cultural perspectives through the comparison of cultural viewpoints. Native American understanding of leadership.

Practicum in Educational Administration and Supervision
EDAD 811  700  3 credits  Class # ****
Instructor: Mary Lehmanowsky-Bakewell
Prerequisite: Department consent required.

May be repeated for credit. 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.

Administrative Theory in Educational Organizations
EDAD 830  700  3 credits  Class # 6440
Instructor: Jiangang Xia

Introduction to classic and contemporary administrative theory as applied to educational organizations. The theoretical nature of the course content is relevant to those with an interest in a broad variety of educational institutions. General organizational theory, organizational models, historical schools of administrative theory, authority, power, motivation, and leadership. Frequently students are involved in studying problems of practice as a means of testing theory.
Higher Education in America
EDAD 832 700 3 credits Class # 6442
Instructor: Christina Yao
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.

Education Law
EDAD 837 700 3 credits Class # 5788
Instructor: John Mackiel

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 # 5789
Instructor: Kent Mann

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

Special Education Law
EDAD 858 700 3 credits Class # 6899
Instructor: Theresa Ourada-Hubka

Body of law that pertains to the organization, administration, and implementation of special education programs in PreK-12 schools. Substantive and procedural rights of disabled students, and the authority and responsibility of states and school districts that are grounded in state and federal law.

Independent Study
EDAD 896 700 1-6 credits Class # 5791
Instructor: Staff

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

Master’s Thesis
EDAD 899 700 1-10 credits Class # ****
Instructor: Staff
Prerequisite: Department consent required.

System-Level School Improvement
EDAD 901 700 3 credits Class # 5794
Instructor: Kent Mann

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 # 5728
Instructor: Jody Isernhagen

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.

Issues in Community Relations
EDAD 903 700 3 credits Class # 5795
Instructor: Mary Lehmanowsky-Bakewell

Principles of community relations and public relations; development of school and community understanding; collaboration of educators and community agents and agencies; communication tools and evaluation.

Analysis in Continuous Improvement:
Develop and Reporting Results
EDAD 904 700 3 credits Class # 23498
Instructor: Jody Isernhagen

Analyze how staff attitudes and behaviors are impacted through the improvement process. EDAD 904 requires generating recommendations for proceeding into the next cycle of school improvement and conducting a personal self-analysis of improvement process skills and obtain information from supervisors and/or colleagues.
Issues in System Level Administration
EDAD 906 700 3 credits Class # 5723
Instructor: John Mackiel
Prerequisite: Master’s degree or equivalent.
Selected system level issues faced by pre-K to grade 12 school administrators.

Educational Leadership in Community Colleges
EDAD 912B 700 3 credits Class # 6892
Instructor: Deryl Hatch
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 # 5796
Instructor: Katherine Wesley
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 923 700 3 credits Class # 6337
Instructor: Katherine Wesley
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.

Seminar in Adult and Continuing Education: Organization Development and Change
EDAD 929 700 3 credits Class # 6465
EDPS 929 700 1-6 credits Class # 6466
Instructor: Richard Torraco

Strategic Planning
EDAD 933 700 3 credits Class # 6900
Instructor: William Nunez
System theory, practice and problem solving. The strategic planning process in higher education. Models of strategic planning. EDAD 933 requires the student to analyze their respective institution’s planning process and plan, and to participate in a simulation activity that reinforces the principles and practices of strategic planning.

Seminar in Educational Administration: Leadership in Education Organizations
EDAD 966 700 3 credits Class # 6897
Instructor: Marilyn Grady
Education administration problems with an analysis of research and literature pertaining to these problems.

Seminar in College Student Development
EDAD 980 700 3 credits Class # 6891
Instructor: Corey Ruman
Current knowledge, theories, and practices, and related issues in the area of college student development.

Introduction to Research
EDAD 981 700 3 credits Class # 6893
Instructor: Stephanie Bondi
EDAD 981 701 3 credits Class # 23499
Instructor: Staff
A written report is required. Investigation and analysis of current problems in education administration and supervision.
Field Studies in Education
EDAD 991 700 1-3 credits Class # ****
Instructor: Staff
Prerequisite: Department consent required.

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.

Doctoral Seminar
EDAD 995 700 3 credits Class # ****
Instructor: Staff
Prerequisite: Department consent required.

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: Women in Education Leadership
EDAD 995 701 3 credits Class # 6468
Instructor: Marilyn Grady
NOTE: Required to attend Conference.

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: Superintendency**

EDAD 998 701 3 credits  Class # ****  
Instructor: John Mackiel  
Prerequisite: Department consent required.

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 # ****  
Instructor: Staff  
Prerequisite: Department consent required.

**Educational Psychology**

**Statistical Methods**

EDPS 859 700 3 credits  Class # 5842  
EDPS 859 796 3 credits  Class # 6438  
Instructor: Charles Ansorge  
Prerequisite: Contact the instructor for further information.

Computation and interpretation of measures of central position, variability and correlation; introduction to sampling, probability, and tests of significance.

**Survey Methods in Educational Research**

EDPS 900D 700 3 credits  Class # 6281  
Instructor: Ronald Shope

Principles and applications of survey research. Use of appropriate sampling techniques and applications of survey methods to the study of relative incidence, distribution, and interrelations of educational, sociological, and psychological variables.

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**Seminar in Adult and Continuing Education: Organization Development and Change**

EDPS 929 700 1-6 credits  Class # 6466  
EDAD 929 700 3 credits  Class # 6465  
Instructor: Richard Torraco

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.

**Nutrition**

**Nutrition: A Focus on Life Stages**

NUTR 859 700 3 credits  Class # 6454  
Instructor: Staff

Nutritional needs throughout the life span including pregnancy, lactation, growth and aging. Approaches to nutrition education for different ages.

**Special Education**

**Teaching Students with Disabilities in the Secondary School**

SPED 807 700 3 credits  Class # 6061  
Instructor: Michelle Charf

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
SPED 809 700 3 credits Class # 6458
Instructor: Staff
Time: Tuesdays, 6:00-8:50 PM CST
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.

Characteristics of Emotional and Learning Disorders
SPED 843 700 3 credits Class # 6062
Instructor: Reece Peterson
Time: Wednesdays, 6:00-8:50 PM CST
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 Impairments: Programs and Services for Individuals with Visual Impairments
SPED 846 700 3 credits Class # 24633
Instructor: Mackenzie Savaiano
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.

Issues in Early Childhood Special Education
SPED 860 700 3 credits Class # 6885
Instructor: Christine Marvin
Time: Thursdays, 6:00-8:50 PM CST
Special Fee: $10
Criminal history background check required.
Introduction to the history, philosophy, and research related to early intervention practices with children 0-5 years of age. Discussion of issues related to legal mandates, model programs, family involvement, integration, transitions, service delivery systems, teamwork and assessment for young children.

Preschool Children with Disabilities in a Classroom
SPED 862 700 3 credits Class # 6287
Instructor: Christine Marvin
Time: Tuesdays, 6:00-8:50 PM CST
Special Fee: $10
Criminal history background check required.
Selection, design and implementation of developmentally appropriate, activity-based interventions for preschool-age children with disabilities. Ecological assessments. Instructional factors, such as classroom environments, activity planning, selection, use and modification of strategies, home-school communications, and consulting to staff in inclusive settings.

Psychology and Sociology of Deafness
SPED 872 700 3 credits Class # 6065
Instructor: Malinda Eccarius
Education of the hearing impaired including history of, professional roles in, and educational programming within this field. Social/psychological theories as related to the hearing impaired. Patterns of social/emotional development, psychological characteristics, issues of family stress and social adaptation and discussion of counseling techniques.
Language Arts and Literacy for the Hearing Impaired
SPED 874  700  3 credits  Class # 6066
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.

Independent Study in Special Education
SPED 895  700  1-3 credits  Class # 6070
Instructor: Kari Stempson; Sherri Jones
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 # 6072
Instructor: Sherri Jones
Special fee: $10.00
Criminal history background check required.

Directed Field Experience: Deaf/Hard of Hearing
SPED 896D  700  1-6 credits  Class # 6073
Instructor: Malinda Eccarius
Criminal history background check required.

Directed Field Experience: Severe Disabilities
SPED 896P  700  1-6 credits  Class # 6079
Instructor: Staff
Criminal history background check required.

Directed Field Experience: Early Childhood Special Education
SPED 896Q  700  1-6 credits  Class # 6080
Instructor: Christine Marvin
Criminal history background check required.

Directed Field Experience: Visual Impairments
SPED 896V  700  1-6 credits  Class # 6082
Instructor: Mackenzaie Savaiano
Criminal history background check required.

Student Teaching: Behavior Disorders
SPED 897B  700  1-9 credits  Class # 6086
Instructor: Sherri Jones
Special Fee: $10
NOTE: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin.
Student teaching, background check required.

Student Teaching: Deaf/Hard of Hearing
SPED 897D  700  1-9 credits  Class # 6087
Instructor: Malinda Eccarius
NOTE: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin.
Student teaching, background check required.

Student Teaching: Early Childhood Special Education
SPED 897Q  700  1-9 credits  Class # 6093
Instructor: Christine Marvin
NOTE: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin.
Student teaching, background check required.
Student Teaching: Exceptional Learners; Visual Impairments
SPED 897V 700 1-9 credits  Class # 6094
Instructor: Sherri Jones
NOTE: See “Admission to Student Teaching” in the UNL Undergraduate Bulletin. Obtain the call number from the Instructor.
Student teaching, background check required.

Language Study of Teachers of Deaf and Hard of Hearing (DHH)
SPED 956 700 3 credits  Class # 6480
SLPA 956 700 3 credits  Class # 6027
Instructor: Malinda Eccarius; Petra Brylow


Research Other Than Thesis
SPED 996A 700 1-12 credits  Class # 6099
Instructor: Kari Stempson; Sherri Jones

Readings in Special Education
SPED 996B 700 1-12 credits  Class # 6101
Instructor: Kari Stempson; Sherri Jones

Speech, Language Pathology and Audiology

Language Study of Teachers of Deaf and Hard of Hearing (DHH)
SLPA 956 700 3 credits  Class # 6027
SPED 956 700 3 credits  Class # 6480
Instructor: Malinda Eccarius; Petra Brylow


Teaching, Learning & Teacher Education

Inquiry into Teaching and Learning
TEAC 800 700 3 credits  Class # 6174
Instructor: Delwyn Harnisch

Contemporary educational research from multiple theoretical perspectives.

Curriculum Inquiry
TEAC 801 700 3 credits  Class # 6175
Instructor: Elaine Chan

The relationship between curriculum theory and/or research to educational practices.

UNK/UNO SPECIAL EDUCATION COURSES
UNK SPED classes are available to UNL students. Courses can be found on the UNK Web site. Look for department abbreviations TE, TESE, and SPED. UNL SPED classes are also available to UNO students. Courses can be found on the UNO Web site.

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.

Studies in Teaching English as a Second Language: Acquisition
TEAC 813A 700 3 credits  Class # 6177
Instructor: Emily Suh

Preparation for teaching K-12 learners whose language of nurture is not English.
Emerging Reading and Language
TEAC 817  700  3 credits  Class # 24655
Instructor: Stephanie Wessels

Research, theory and practice associated with literacy development in children from birth to age 8. Language and concept development, emerging reading and writing behaviors, appropriate materials and evaluation within a holistic view teaching and learning.

Higher Education in America
TEAC 832  700  3 credits  Class # 6443
EDAD 832  700  3 credits  Class # 6442
Instructor: Christina Yao
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.

Education for a Pluralistic Society: Foundation and Issues
TEAC 861  700  3 credits  Class # 6946
Instructor: Staff

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  1-3 credits  Class # 6187
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  1-3 credits  Class # ****
Instructor: Lawrence Scharmann
Prerequisite: Department consent required.

Seminar on the principles of practitioner inquiry and development of a proposal for an inquiry project.

Master’s Seminar
TEAC 889  700  1-3 credits  Class # ****
Instructor: Lawrence Scharmann
Prerequisite: Department consent required.

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  1-6 credits  Class # ****
Instructor: Susan Wunder
Prerequisite: Department consent required.

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

Master’s Thesis
TEAC 899  700  1-10 credits Class # ****
Instructor: Lawrence Scharmann
Prerequisite: Department consent required.

Independent Study arranged with Advisor.

Portfolio in Instructional Technology Competencies
TEAC 959  700  1-12 credits  Class # 6213
Instructor: Allen Steckelberg

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: Lawrence Scharmann
Prerequisites: Department consent required.
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: Jessica Hustad, Lawrence Scharmann
Prerequisites: Department consent required.
Individual research under faculty supervision.

Research Other Than Thesis
TMFD 996  700  1-6 credits  Class # ****
Instructor: Michael James
Prerequisite: Department consent required.
Supervised independent professional experience under direction of a practicing professional within the textile and apparel industry, government agencies, museums and/or businesses.
**Internship**

**TMFD 997** 700 1-9 credits  Class # ****

Instructor: Staff
Prerequisite: Department consent required.

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**

**TMFD 997** 795 1-9 credits  Class # ****

Instructor: Michael James
Prerequisite: Department consent required.

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 Certificates in Youth Development, Youth Development Specialist or Youth Program Management and Evaluation
- M.S. in Child, Youth and Family Studies, specialization in Family and Community Services; Family & Consumer Sciences Education; Family Financial Planning; and Youth Development
- M.S. in Nutrition and Health Sciences, Specialization in Dietetics
- M.S. in Textiles, Merchandising and Fashion Design, Specialization in Merchandising

**For information on the Great Plains IDEA Dietetics program, contact:**

Lori Beals  
Phone: (402) 472-3666  
E-mail: 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

**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](http://www.unl.edu/gradstudies/prospective/steps) for further information and the appropriate forms.

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
http://engineering.unl.edu/graduate-programs

• Master of Engineering Management (MEM)

The Master of Engineering Management degree (MEM) courses are delivered completely online and are available in an accelerated 8-week format. The flexibility in scheduling is ideal for the busy professional. This non-thesis program is designed for working professionals.

For a list of business courses that can be taken as part of the Master of Engineering Management, please visit http://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
Phone: (402) 472-3495
E-mail: jwoldstad2@unl.edu

Industrial & Management System Engineering

Analysis of Engineering Management
IMSE 805  700  3 credits  Class # ****
Instructor: Robert Williams
Prerequisites: Department consent required.

General concepts and principles of engineering management applied to cases.

Analysis of Engineering Management
IMSE 806  700  3 credits  Class # 7524
Instructor: Jeffrey Woldstad

HIXSON-LIED COLLEGE OF FINE AND PERFORMING ARTS
http://arts.unl.edu/music#Music

The Glenn Korff School of Music in the Hixson-Lied College of Fine & Performing Arts of the University of Nebraska-Lincoln is a professional, comprehensive arts institution devoted to the advancement of music arts and scholarship, the preparation of the next generation of music professionals, and service to the music professions/institutions in the region, state, nation, and world.

Music Education

Workshop Seminar
MUED 890 700 1 credit Class # 8275
Instructor: Rhonda Fuelberth
Dates: 11/18/2015 – 11/20/2015

JOURNALISM & MASS COMMUNICATIONS

www.unl.edu/journalism
http://online.unl.edu/Graduate/Programs/Journalism-Mass-Communications-Masters.aspx

• MA in Journalism and Mass Communications with Specializations in Integrated Media Communications; Media Studies or Professional Journalism

For information on the Master of Arts in Journalism and Mass Communications, contact:

Jodi Bergstrom
Phone: (402) 472-8992
Email: jbergstrom3@unl.edu

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.

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.

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

### Strategic Communications: Advertising Issues and Strategies

ADPR 830 700 3 credits  Class # 9342  
Instructor: Allison Busch

Seminar for graduate students who do not have the equivalent of an undergraduate degree in advertising. Business of advertising and promotion, and the processes and planning involved in strategic promotional communication. Current issues and strategies faced by advertising practitioners, the importance of branding, integrated marketing communications and promotion. Creation of a strategic marketing plan.

### Digital Insight & Analytics

ADPR 834 700 3 credits  Class # 9417  
Instructor: Valerie Jones

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 # 9270  
Instructor: Ming Wang  
Times: Tuesdays, 6:15 – 9:15 PM CST

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.

### Social Media Theory and Practice

ADPR 866 701 3 credits  Class # 24530  
Instructor: Ming Wang  
Times: Mondays and Wednesdays, 5:30 – 6:45 PM CST

Key theories related to the study of social media, important social media monitoring and management practices, and advertising/PR opportunities on the most popular social and mobile media platforms.

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**Advertising and Public Relations Research**

ADPR 881 700 3 credits  Class # 9382  
Instructor: Frauke Hachtmann

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

### Special Topics in Advertising: International Public Relations

ADPR 891 702 3 credits  Class # 9413  
Instructor: Dane Kiambi  
Time: Thursdays, 5:30 – 8:20 PM CST

Topics vary each term. ADPR 891 may be repeated up to three times so long as the topics are different. 12 hours max special topics hours at all levels (100, 200, 300, 400) per degree.

### Integrated Media Communications Capstone Seminar

ADPR 930 700 3 credits  Class # ****  
Instructor: Frauke Hachtmann

Prerequisites: Department Consent Required. Completion of at least two thirds of required coursework (24 hours) and Memorandum of Courses filed.

Capstone course in the Integrated Media Communications (IMC) specialization. Reflect on different theories and concepts and apply those theories and concepts to real-life examples and professional goals in a final paper and presentation to faculty and peers.

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**Journalism**

### Independent Study

JGRD 896 700 1-3 credits  Class # ****  
Instructor: Laurie Lee  
Prerequisites: Department consent required. Permission of major adviser required.
Master's Thesis
JGRD 899  700  1-6 credits  Class # ****
Instructor: Laurie Lee
Prerequisite: Department consent required.

Ethics and Issues in Mass Communication
JGRD 901  700  3 credits  Class # 23335
Instructor: Staff
Times: Thursdays, 5:30 – 8:20 PM, CST
Skills and technologies involved with multi-platform journalism and management.

Mass Media and Government
JGRD 954  700  3 credits  Class # 23337
Instructor: Larry Walkin
Times: Mondays, 5:30 – 8:20 PM, CST
Skills and technologies involved with multi-platform journalism and management.

Professional Project
JGRD 992  700  1-6 credits  Class # ****
Instructor: Laurie Lee
Prerequisites: Department consent required.
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.