CASNR On-Line Classes Offered

Agricultural Economics
AECN 256 Legal Aspects in Agriculture
AECN 275 Agribusiness Entrepreneurial Finance
AECN 325 Marketing of Agricultural Commodities
AECN 357 Natural Resource and Environmental Law
AECN 456/856 Environmental Law
AECN 457/857 Water Law
AECN 883 Ecological Economics
AECN 301 Farm Accounting, Analysis, & Tax Management

Ag Leadership, Education & Communication
ALEC 800 Program Planning
ALEC 801 Theoretical Foundations of Leadership
ALEC 802 Developing Leadership Capacity in Orgs & Communities

(Strict prerequisite of ALEC 801 or comparable course.)
ALEC 804 Problems of Beginning Agriscience Teachers
ALEC 805 Advanced Teaching Strategies
ALEC 807 Supervisory Leadership
ALEC 810 Environmental Leadership
ALEC 814 Classic Figures in Leadership
ALEC 815 Development & Organization of Vocational Education
ALEC 820 Improve of Instl Prog for Post-High School Occup Ed.
ALEC 826 Program Evaluation
ALEC 833 Planning & Imple of Exten Prog for Domestic & Foreign
ALEC 845 Research in Leadership Education
ALEC 866 Leadership and Diversity in Orgs and Communities
ALEC 877 Leadership and Motivation
ALEC 888 Leadership, Power and Influence
ALEC 890 Workshop Seminars
ALEC 893 Technical Agricultural Workshops
ALEC 896 Independent Study in Leadership Education
ALEC 899 Master's Thesis
ALEC 901 Leading Change in Rural America & Beyond
ALEC 903 Teacher Education in Agriscience
ALEC 904 Seminar in Leadership Studies
ALEC 905 Practicum in Postsecondary Teaching
ALEC 908 Organization of the Agricultural Mechanics Program
ALEC 910 Leadership in Cross-Cultural Systems
ALEC 913 Program Development in Occupational Education
ALEC 995 Doctoral Seminar in Leadership Studies
ALEC 996 Research Other Than Thesis
ALEC 999 Doctoral Dissertation

Agronomy & Horticulture
Classes offered through Ag*IDEA on-line
HORT 824 Plant Nutrition and Nutrient Management (spring even years) UNL
HORT 842B Plant Physiology (Fall –even years) UNK
HORT 842J Water Issues in Land & Landscape (Spring) KSU
HORT 842E Floral Crops Production (spring even years) KSU
HORT 843A Greenhouse Crop Production (spring odd years) TTU
HORT 844A  Environmental Nursery Production Practices (spring odd years) NCSU
HORT 843K  Advanced Arboriculture (Fall odd years) TTU
HORT 844B  Environmental Stress Physiology (Spring) NCSU
HORT 843E  Advanced Interiorscaping (Spring even years) TTU
HORT 888  Business Management of Agricultural Enterprises (Fall) UNL
HORT 843B  Seed Science (Spring even years) TTU
HORT 814  Turf Disease Management (Spring) UNL
HORT 843J  Herbicides and Weed Management Systems (spring odd years) TTU
HORT 844B  Environmental Stress Physiology (Spring) NCSU
HORT 880  Modified Rootzones (Fall beginning in 2013) UNL
HORT 844E  General Viticulture (spring odd years) NCSU
HORT 843M  Weed Science (Fall odd years) TTU
HORT 813  Turf and Landscape Weed Management (spring beginning 2014) UNL
ENTO 803  Management of Horticultural Insects (Spring even years) UNL
ENTO 812  Entomology and Pest Management (Summer odd years) UNL
ENTO 813  Biological Control of Pests (Spring even years) UNL
ENTO 820  Insect Toxicology (Fall Odd years) UNL
AGRO 896  Pesticide Resistance Management (Spring odd years) UNL
ENTO 896  Plant Resistance to Abiotic and Biotic Stressors (Spring even years) UNL
HORT 842A  Plant Pathology (Spring even years) UNK

Animal Science
ASCI 210-700  Animal Products
ASCI 213-700  Meat Specifications and Procurement
ASCI 271-700  Companion Animal Behavior
ASCI 310-700  Fresh Meats
ASCI 321-700  Companion Animal Nutrition
ASCI 322-700  Equine Nutrition
ASCI 343-700  Meat Culinology TMIII: Foodservice Applications
ASCI 370-700  Animal Welfare
ASCI 411-700  HACCP and Food Safety Systems for the Food Industry

Biochemistry
BIOC 321  Elements of Biochemistry (Section 900) (Instructors: J Markwell, S Putnam)
BIOC 321  Elements of Biochemistry (Section 800) (Instructors: J Markwell and S Putnam)

Biological Systems Engineering
No offering at this time

Community Development  (Currently offered on-line with GPIDE)
CDEV 810  Community Development Orientation
CDEV 811  Community & Natural Resource Management
CDEV 812  CDI: Principles and Strategies of Community Change
CDEV 813  CDII: Organizing for Community Change
CDEV 814  Community & Regional Economic Analysis
CDEV 815  Community Analysis (Into to Methods)
CDEV 820  Economic Development Strategies & Programs
CDEV 821  Community & Regional Economic Analysis II
CDEV 822  Building Native Community & Economic Capacity
CDEV 823  Housing and Development Programs
CDEV 824  Tourism and Community Development
CDEV 830  Grant Development & Management
CDEV 831  Not for Profit Management
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CDEV 832</td>
<td>Community Leadership &amp; Capacity Building</td>
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<tr>
<td>CDEV 833</td>
<td>Evaluation of Organizations and Programs</td>
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<tr>
<td>CDEV 840</td>
<td>Introduction to Native Community Development</td>
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<td>CDEV 850</td>
<td>Immigrants in Communities</td>
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<td>CDEV 883</td>
<td>Ecological Economics</td>
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<td>CDEV 884</td>
<td>Indian Country Agriculture and Natural Resources</td>
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<td>CDEV 885</td>
<td>Sustainable Communities</td>
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<td>CDEV 886</td>
<td>Policy &amp; Politics of Coastal Areas</td>
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<tr>
<td>CDEV 884</td>
<td>Indian Country Agriculture &amp; Natural Resources</td>
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<tr>
<td>CDEV 894</td>
<td>Creative Component</td>
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### Entomology

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ENTO 115</td>
<td>Insect Biology</td>
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<tr>
<td>ENTO 401/801</td>
<td>Insect Physiology</td>
</tr>
<tr>
<td>ENTO 402/802</td>
<td>Aquatic Insects</td>
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<tr>
<td>ENTO 403/803</td>
<td>Management of Horticultural Insects</td>
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<tr>
<td>ENTO 406/806</td>
<td>Insect Ecology</td>
</tr>
<tr>
<td>ENTO 409/809</td>
<td>Insect Control by Host Plant Resistance</td>
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<tr>
<td>ENTO 412/812</td>
<td>Entomology and Pest Management</td>
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<tr>
<td>ENTO 414/814</td>
<td>Forensic Entomology</td>
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<td>ENTO 415/815</td>
<td>Medical Entomology</td>
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<tr>
<td>ENTO 810</td>
<td>Insects as Educational Tools</td>
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<tr>
<td>ENTO 813</td>
<td>Biological Control of Pests</td>
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<tr>
<td>ENTO 818</td>
<td>Insect ID &amp; Natural History</td>
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<tr>
<td>ENTO 819</td>
<td>Insect Behavior</td>
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<td>ENTO 820</td>
<td>Insecticide Toxicology</td>
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<td>ENTO 825</td>
<td>Management of Agronomic Crop Insects</td>
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<td>ENTO 826</td>
<td>Scientific Illustration</td>
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<td>ENTO 827</td>
<td>Population and Ecological Genetics</td>
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<tr>
<td>ENTO 888</td>
<td>M.S. Degree Project</td>
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<td>ENTO 896</td>
<td>Independent Study</td>
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<td>ENTO 896</td>
<td>Insect Evolution</td>
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<td>ENTO 915</td>
<td>Presentation Methods</td>
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### Food Science & Technology

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<tr>
<td>FDST 131 Sec 700</td>
<td>Science of Food</td>
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<td>FDST 131 Sec 900</td>
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<tr>
<td>NUTR 131 Sec 700</td>
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<td>CHEM 131 Sec 900</td>
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<td>FDST 801</td>
<td>Teaching Application</td>
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<td>FDST 301</td>
<td>The Chemistry of Food</td>
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<td>FDST 455/855</td>
<td>Microbiology of Fermented Foods</td>
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<tr>
<td>FDST 405/805</td>
<td>BIOS 445/845Food Microbiology</td>
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### Plant Pathology

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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PLPT 813-700</td>
<td>Biological Control of Pests</td>
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<tr>
<td>PLPT 414-700</td>
<td>Turfgrass Disease (also AGRO 414/HORT 414/TLMT414)</td>
</tr>
<tr>
<td>PLPT 814-700</td>
<td>Turfgrass Disease (also AGRO 814/HORT 814/TLMT 814)</td>
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School of Natural Resources

NRES 104  Climate in Crisis
NRES 108  Earth's Natural Resource Systems Laboratory
NRES 111  Natural Resource Conservation in Society
NRES 220  Principles of Ecology
NRES 385  Women, Gender and Science
NRES 399  Independent Research
NRES 402/802  Aquatic Insects
NRES 413/813  Environmental Leadership
NRES 422/822  Laboratory Earth: Earth's Changing Systems
NRES 496  Independent Study
NRES 498  Special Topics: Earth and Geospatial Technology Applications
NRES 809  Laboratory Earth: Earth and Its Systems
NRES 814  Laboratory Earth: Earth and Its Systems
NRES 830  Laboratory Earth: Climate Research Applications
NRES 832  Laboratory Earth: Human Dimensions of Climate Change
NRES 883  Ecological Economics
NRES 897  Master of Applied Science Project
NRES 897  Career Experiences in Nat. Res. Sci.
NRES 898  Special Topics - Laboratory Earth: Earth and Geospatial Technology Applications
NRES 898  Special Topics - Geospatial Technology

School of Veterinary Medicine & Biomedical Sciences

Does not offer classes on-line

Center for Grassland Studies

Classes offered on-line with AG*IDEA

AGRO 847  Grassland Fire Ecology
AGRO 848  Grassland Monitoring & Assessment
AGRO 851  Grassland Plant Identification
ASCI 824  Principles of Forage Quality & Evaluation for Grazing Livestock
AGRO 849  Watershed Management
AGRO 843  Ecology of Invasive Species