

## 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

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### 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

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### 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

CDEV 832	Community Leadership & Capacity Building
CDEV 833	Evaluation of Organizations and Programs
CDEV 840	Introduction to Native Community Development
CDEV 850	Immigrants in Communities
CDEV 883	Ecological Economics
CDEV 884	Indian Country Agriculture and Natural Resources
CDEV 885	Sustainable Communities
CDEV 886	Policy & Politics of Coastal Areas
CDEV 884	Indian Country Agriculture & Natural Resources
CDEV 894	Creative Component

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### **Entomology**

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

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### **Food Science & Technology**

FDST 131 Sec 700	Science of Food
FDST 131 Sec 900	
NUTR 131 Sec 700	
NUTR 131 Sec 900	
CHEM 131 Sec 700	
CHEM 131 Sec 900	
FDST 801	Teaching Application
FDST 301	The Chemistry of Food
FDST 455/855	Microbiology of Fermented Foods
FDST 405/805	BIOS 445/845 Food Microbiology

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### **Plant Pathology**

PLPT 813-700	Biological Control of Pests
PLPT 414-700	Turfgrass Disease (also AGRO 414/HORT 414/TLMT414)
PLPT 814-700	Turfgrass Disease (also AGRO 814/HORT 814/TLMT 814)

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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 897	Master of Applied Science Project: Topic: Career Experiences in Nat. Res. Sci.
NRES 898	Special Topics - Laboratory Earth: Earth and Geospatial Technology Applications
NRES 898	Special Topics - Geospatial Technology

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**School of Veterinary Medicine & Biomedical Sciences**

Does not offer classes on-line

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**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