College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions
November 7, 2014

[1] Faculty Action

Unit Title and Number	Type of Action Requested Courses (new, revisions, deletions, ACE certification and recertification)	Approved CASNR	Approved CASNR Faculty	Approved UCC	Approved Graduate Council
AECN 420 - International Food and Agricultural Trade	**ACE 9, 10 Recertification** **(ACE 9, 10)[IS] AECN 420. International Food and Agricultural Trade** (3 cr II) Lec. Prereq: ECON 311 and ECON 312. Capstone course. Application of basic principles of international trade and finance to food and agricultural trade. Particular attention to current policy issues in agricultural trade such as the pros and cons of regional trade blocks, alternative agricultural and trade policies, the effects of exchange rate variation on agricultural trade, and trade and environmental protection. Familarity with spreadsheets (Excel) is required.	11/7/14			
AECN 453 - Agricultural and Rural Property Appraisal	**ACE 10 Recertification** **(ACE 10)[IS] AECN 453. Agricultural and Rural Property Appraisal** (3 cr I) Lec 2, lab 2. Prereq: AECN 141, or ECON 210 or 212. AECN 201 and AGRO 153 recommended. Capstone course. Valuation of agricultural and rural real estate traced from the underlying theory of value through full development of principles, practices, and factors used by the appraisal profession to estimate value. The income approach, the market data approach, and the cost approach to value developed in detail. Appraisal procedure analyzed for such special purposes as farm loans, tax assessment, and condemnation.	11/7/14			
AGRO 445/845 - Livestock Management on Range and Pasture	**ACE 10 Recertification** **(ACE 10)[IS] AGRO 445/845. Livestock Management on Range and Pasture (ASCI 451/851, RNGE 445**) (3 cr I) Lec 2. Prereq: ASCI 250 and AGRO 240 or 340; AECN 201 recommended. Capstone course. All students required to participate in a one-week field trip in central or western Nebraska prior to beginning of fall semester. Therefore, students must notify instructor at time of early registration (Dates are given in class schedule.) Analyzing the plant and animal resources and economic aspects of pasturage. Management of pasture and range for continued high production emphasized**.**	11/7/14			

ALEC 350 - Agriculture, the Environment and Science in the Media	**New Course** **ALEC 350. Agriculture, the Environment & Science in the Media** (I) Lec 3. Prereq: Completion of ACE 1 and ACE 2 coursework. Recommended for junior level students and above. How agriculture, the environment, and science are covered in media by news media outlets. Use of framing theory as a foundation to understand why messages are crafted in certain ways, how and why news media portray topics and issues using certain metaphors and story lines. Creation of effective media messages related to topics using framing, how to handle and respond to media requests, and interact with members of the media.	11/7/14			
BIOC 432/832 - Gene Expression and Replication	**Change of Title** **BIOC 432/832. Metabolism and Biological Information (BIOS 432, CHEM 432/832)** (3 cr I, II) Lec 3. Prereq: BIOC 431/831 with a grade of C or better, BIOS 206 Continuation of BIOC 431/831. Major metabolic pathways of anabolism, structural and biochemical aspects of biological information flow and use in biotechnology.	11/7/14			
BIOC 435 - Advanced Topics in Biochemistry	**ACE 10 Recertification** **ACE 10)[IS] BIOC 435. Advanced Topics in Biochemistry** (3 cr I, II) Lec 3. Prereq: BIOC/BIOS/CHEM 432/832 with a grade of C or better. Capstone course. BIOC 435 is open to BIOC majors only. Application of general biochemistry knowledge to current topics in the life sciences; literature research and seminar.	11/7/14			
ENTO 485 - Current Issues in Entomology	**ACE 10 Recertification** **(ACE 10) ENTO 485. Current Issues in Entomology** (3 cr II) Lec. Prereq: Senior standing; completion of ENTO core requirements. Capstone course. Fulfills the capstone requirement for the insect science major. The application and integration of biological principles of the insect science program.	11/7/14			
NRES 130 - People of Great Plains	**ACE 5, 6 Certification** **ACE 5, 6)[ES] NRES 130. People of Great Plains (ANTH 130)** (3 cr) Lec 3. The Great Plains region offers considerable ecological and cultural diversity, encompassing more than 600 million acres which have been occupied by humans for over 12,000 years. Introduction to the different populations who have called the Great Plains home, and how they have made a living on this landscape. Investigate Native American life ways in the Great Plains from the time of initial colonization up to European contact and the dramatic changes experienced during the historic era. Select topics centered on contemporary socio-ecological systems on the Plains and how understanding of past Plains experiences can be used to inform on these contemporary issues.	11/7/14			

NRES 289 - People and the Land: Human Environmental Interactions on the Great Plains	**ACE 5. 6 Certification** **(ACE 5, 6) NRES 289. People and the Land: Human Environmental Interactions on the Great Plains (GEOG 289)** (3 cr) Lec 3. Explore human environmental interaction on the Great Plains. Samples a variety of Great Plains cultures and time periods to explore past use of the Great Plains environment. Evaluation of attributes and related data critical to the operation of past social-ecological systems with reference to changing climatic/ecological dynamics, human environmental impacts, and the sustainability of various indigenous and western modes of land use on the Great Plains. Investigate knowledge of these processes and how they can be of relevance to contemporary issues of Great Plains land management and resource utilization.	11/7/14			
NRES 463/863 - Fisheries Science	**ACE 10 Recertification** **(ACE 10)[IS] NRES 463/863. Fisheries Science** (3 cr) Lec 3. May also be offered at Cedar Point Biological Station. Fisheries biology emphasizing the determination and evaluation of vital statistics for the management of fish populations. Basis of specific management techniques.	11/7/14			
NRES 475/875 - Water Quality Strategy	**ACE 10 Recertification** **(ACE 10) NRES 475/875. Water Quality Strategy (AGRO 475/875, CIVE 475/875, CRPL 475/875, GEOL 475/875, MSYM 475/875, POLS 475/875, SOCI 475/875, SOIL 475, WATS 475)** (3 cr II) Lec 3. Prereq: Senior standing or permission. Capstone course. Holistic approach to the selection and analysis of planning strategies for protecting water quality from nonpoint sources of contamination. Introduction to the use of methods of analyzing the impact of strategies on whole systems and subsystems; for selecting strategies; and for evaluating present strategies.	11/7/14			
WATS 498A - Senior Project I	**ACE 10 Recertification** **(ACE 10) WATS 498A. Senior Project I** (2 cr I, II) Prereq: Senior standing. WATS 498A is the first course of a two-semester sequence of courses consisting of WATS 498A and WATS 498B. Work as individual or as a team member to develop solutions to water resource problems. Problem involves multi-disciplinary features. Requires independent research, proposal preparation and presentation.	11/7/14			
WATS 498B - Senior Project II	**ACE 10 Recertification** **(ACE 10)[IS] WATS 498B. Senior Project II** (2 cr I, II) Prereq: WATS 498A. WATS 498B is the second course of a two-semester sequence of courses consisting of WATS 498A and WATS 498B. Continuation of WATS 498A. Carry out proposal and present findings orally and in writing.	11/7/14			

WATS 499H - Honors Thesis	**ACE 10 Recertification** **(ACE 10) WATS 499H. Honors Thesis** (3-6 cr, max 6) Prereq: Admission to the University Honors Program and permission, AGRI 299H recommended. Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.	11/7/14			
Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee					
.**Grassland Management Certificate -** Revision					
Informational Items: Tabled items, calendar of meetings and deadlines, changes in membership, program changes in degree program that do not include the college core, ACE assessment reports					
ALEC 480 - Dynamics of Agricultural Environmental Journalism - Change of title and description - tabled **Forensic Science** is working on a Pre-Law curriculum program option					

[1] If you have specific questions or concerns; please visit with your CASNR Curriculum Committee Representative to discuss the specific agenda item.

Any unit or group of at least five (5) faculty may challenge a decision of the Committee that requires faculty action by filing a written objection. The unit administrator will coordinate the written response to the Dean by November 24, 2014. Unless the concerns can be resolved with clarification, revision and/or withdrawal and re-submission, the matter in question will be brought before the full faculty for discussion, debate and vote. If no written objections are properly filed, the action will be considered approved by the College faculty and either implemented or forwarded to the appropriate University Committee (University Curriculum Committee, Graduate Council and/or Academic Planning Committee) with the faculty recommendation for approval.

[2] The CASNR Curriculum Committee serves as the Parent Unit for the following degree programs:
B.S. in Applied Science, B.S. in Forensic Science, B.S. in Integrated Science, Master of Applied Science and Doctor of Plant Health.

No approval needed