

**College of Agricultural Sciences and Natural Resources
Curriculum Committee Planning and Transition Meeting
Summary of Actions
October 17, 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 445 - Agricultural and Natural Resource Policy Analysis	<p>ACE 8, 10 Recertification (ACE 8, 10)[IS] AECN 445. Agricultural and Natural Resource Policy Analysis (NREE 445) (3 cr II) Lec 3. Prereq: ECON 311 and ECON 312. Capstone course. Introduction to the application of economic concepts and tools to the analysis and evaluation of public policies. Economic approaches to policy evaluation derived from welfare economics. Social benefit-cost analysis described and illustrated through applications to current agricultural and natural resource policy issues. Familiarity with spreadsheets (Excel) required.</p>	10/17/14			
AGRI 485 - Investigations in Applied Science	<p>ACE 10 Recertification (ACE 10) AGRI 485. Investigations in Applied Science (3 cr II) Lec 3. Prereq: Senior standing; completion of applied science degree core requirements. AGRI 485 requires access to computer, internet, and email. AGRI 485 fulfills the capstone requirement for the applied science major. Application and integration of scientific principles and knowledge gained from courses, peer to peer and student to faculty discussions, internships, and other aspects of the applied science degree program.</p>	10/17/14			
ALEC 125 - Land, Food and People	<p>ACE 8 Recertification (ACE 8) ALEC 125. Land, Food and People (3 cr II) Lec 3. Analyze and synthesize information about the dynamic relationships of land, food, and people and the impacts of human decisions on renewable and non-renewable resources from a local and global perspective.</p>	10/17/14			
ALEC 388 - Ethics in Agriculture and Natural Resources	<p>ACE 8 Recertification (ACE 8)[ES][IS] ALEC 388. Ethics in Agriculture and Natural Resources (AECN 388) (3 cr II) Ethics focusing on agricultural and natural resource issues. Using case studies from the professional workplace and contemporary society, develops intellectual skills necessary to reflect critically on ethical issues and apply appropriate conceptual tools for resolution of issues arising from conflicting ethical and value systems.</p>	10/17/14			

ASCI 485 - Animal Systems Analysis	ACE 10 Recertification (ACE 10)[IS] ASCI 485. Animal Systems Analysis (3 cr I, II) Lec 2, rct 2. Prereq: Senior standing; ASCI 250; AECN 201; or permission. Capstone course. ASCI 485 is for majors in the College of Agricultural Sciences and Natural Resources with an interest in careers in livestock production units, the meat industry, or related agribusiness. Goal setting, information gathering, and application of problem solving methods in animal science. Develops ability to analyze and solve problems in all segments of animal science by integration of information from all pertinent disciplines and sources.	10/17/14			
ASCI 486 - Animal Biological Systems	ACE 10 Recertification ACE 10)[IS] ASCI 486. Animal Biological Systems (3 cr I) Lec 2, rct 2. Prereq: ASCI 210, 240 and 320; AGRO 315 or BIOS 205. Capstone course. ASCI *486 is for seniors with an interest in careers involving animal science disciplines, animal biology, and related fields. How to integrate information from the animal science disciplines to understanding animals as biological systems. The processes of growth, adaptation, and lactation. Analyzing the interrelationship of each discipline within animal production. Using case studies, scenarios, and problem solving assignments to examine how alterations in nutrition and metabolism, genetic makeup, endocrine profile and/or the environment impact or effect the animal as a whole.	10/17/14			
FDST 460/860 - Food Product Development Concepts	ACE 10 Recertification ACE 10)[IS] FDST 460/860. Food Product Development Concepts (3 cr II) Lec 2, lab 4. Prereq: FDST 405/805 and 448/848. Capstone course. Develop a commercially viable food product using chemical, microbiological and sensory analysis principles, and marketing and packaging sciences.	10/17/14			
HORT 462 - Nursery Management and Crop Production	ACE 10 Recertification ACE 10) HORT 462. Nursery Management and Crop Production (4 cr II) Lec 3, lab 3. Prereq: AGRO/HORT 131; HORT 221. Offered spring semester of even-numbered calendar years. HORT 462 requires a culminating group project creating one of four types of nursery landscape businesses. Principles underlying the production of nursery crops and the profitable management of a nursery. Propagation, crop scheduling, transplanting, handling, and transportation of nursery crops. Cultural considerations such as media, fertilizers, irrigation, and pest control. Economic aspects of running a business include creating income and balance sheets.	10/17/14			
NRES 433/833 - Wildlife Management Techniques	ACE 10 Recertification (ACE 10) NRES 433/833. Wildlife Management Techniques (3 cr I) Lec 3. Prereq: NRES 311. Survey of methods used to obtain data and make decisions for wildlife management. Scientific methods for wildlife science; monitoring and surveys; construction of management plans; habitat use, classification, and management; harvest management.	10/17/14			
Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee					

Approved Faculty Leader Proposal Agreements for Education Abroad Programs for:

1. **China Agriculture and Culture**
2. **Ag. & Envr. Sciences Communication in England & Scotland**
3. **Study Abroad in Ethiopia**
4. **France and Spain Agriculture and Culture**
5. **Sustainability, Environment & Society - The Greek Experience**
6. **Food Entrepreneurship in Ireland**
7. **Wildlife Conservation in Namibia**
8. **New Zealand Study Tour (Agriculture)**
9. **Conservation in Southern Africa**

Approved Karen Jackson and Dann Husmann reviewing Undergraduate Bulletin Revisions in CREQ. If they have questions, they will contact the Curriculum Committee for approval.

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

ACE 10 Recertifications Tabled for:

NRES 475-875 - Water Quality Strategy

WATS 498A - Senior Project I

WATS 498B - Senior Project II

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 3, 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