

**College of Agricultural Sciences and Natural Resources  
Curriculum Committee  
Summary of Actions  
May 1, 2015**

<sup>1</sup> 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 436 - Commodity Price Forecasting	<p><b>New Course</b>  <b>AECN 436. Commodity Price Forecasting</b> (3 cr II) Lec 3. Prereq: (1) ECON 215 (Statistics) or STAT 218 (Introduction to Statistics)            (2) ECON 212 (Principles of Microeconomics) or AECN 141 (Introduction to Economics of Agriculture) Recommended course (but not required): AECN 325 (Marketing of Agricultural Commodities)            Participants in commodity markets are constantly trying to forecast prices, since a sound analysis of expected prices in the future is important in many dimensions for producers, merchandisers and all market participants. The overall objective of this course is to teach students how to analyze and forecast commodity prices using fundamental and technical approaches. The most common techniques from each approach will be discussed, focusing on how they can be implemented, their advantages and disadvantages, how they differ and how they can complement each other.</p>	5/1/15			
ALEC 480 - Capstone Experience in Agricultural and Environmental Sciences Communication	<p><b>Change of Prerequisite</b>  <b>ACE 10) [IS] ALEC 480. Capstone Experience in Agricultural and Environmental Sciences Communication</b> (3 cr II) Lec 2, rct 1. Prereq: <u>Consent of Instructor</u>. Senior standing. Requires interviews outside of class time.            Investigate topics identified by IANR as critical to Nebraska agriculture and research, conduct interviews, write, edit, design and assist in the production of print and multimedia versions of the Strategic Discussions for Nebraska publication. Emphasis on factual, complete, accurate and clear communication of complex scientific and sociologically important issues in Nebraska agriculture. Learning to communicate research and science-based agricultural concepts to public audiences.</p>	5/1/15			
BIOC 205 - Scientific Analysis and Technical Skills	<p><b>New Course</b>  <b>BIOC 205. Scientific Analysis and Technical Writing</b> (2 cr I, II) Lec 2. Prereq: Biochemistry major or minor. BIOC 101, LIFE 120, and CHEM 110 should be taken prior to this course or concurrent enrollment            Data analysis and presentation, hypothesis-driven research execution and various types of scientific writing with detailed examination of high impact biochemistry research literature.</p>	5/1/15			

PGAM 301 - PGA Golf Management 2.0 Level 2-B	<p><b>Change Type and When Offered</b>  <b>PGAM 301. PGA Golf Management 2.0 Level 2-B</b> (3 cr) Lec <del>2</del>, <del>ret 1</del>-3. Prereq: PGAM 212  Continuation of PGA 2.0 Level 2 curriculum modules. Curriculum modules covered will include Merchandising and Inventory Control, Turf Grass, and Intermediate Teaching and Club Alterations. In addition, students will attend a 2.5 day PGA sponsored seminar on intermediate Teaching and Club Alterations. Standardized tests on the modules covered will be administered during the semester.</p>	5/1/15			
SCIL 109 - Water in Society	<p><b>New Course</b>  <b>SCIL 109. Water in Society</b> (AECN 109, NRES 109) (3 cr I) Lec 3. Prereq: None  Introduction to the scientific, social, and economic dimensions of historical and contemporary water systems. Students will develop an understanding of hydrologic systems and analyze and engage in decision-making about complex challenges associated with water resource use.</p>	5/1/15			
SCIL 300 - Experiential Learning in Food, Energy and Water Systems I	<p><b>New Course</b>  <b>SCIL 300. Experiential Learning in Food, Energy and Water Systems I</b> (Fld 3) Prereq: 9  hours of coursework towards the Food, Energy and Water in Society Minor.  First-hand discovery of knowledge through active learning experiences that are designed to complement the students' in-class learning. Students will be placed in a relevant educational environment (K-12, formal, informal, public, etc.) under the supervision of an experienced educator. This experience focuses on application of knowledge and skills learned in previous courses associated with the minor to support others' lifelong learning about the interconnectedness of food, energy, and/or water systems.</p>	5/1/15			
SCIL 400/800 - Experiential Learning in Food, Energy and Water Systems II	<p><b>New Course</b>  <b>SCIL 400/800. Experiential Learning in Food, Energy and Water Systems II</b> (Fld 3)  Prereq: 15 hours of coursework towards the Food, Energy, and Water in Society Minor including SCIL 300 (at the 400 level) or 12 hours of graduate coursework (at the 800 level).  A multifaceted experience that serves as a culminating academic and intellectual experience for students. Students will complete an internship or a research project in an approved professional or academic setting that will provide them with a challenging and engaging experience. As part of this experience, students will cater knowledge and skills from the minor as appropriate for a professional career, begin to build a network for support and future employment, and clarify individual professional goals and strategies for career development. The experience will culminate in the development of a creative product that illustrates the students' knowledge and skills relevant to food, energy, and/or water systems.</p>	5/1/15			
VBMS 831 - Anatomy II	<p><b>New Course</b>  <b>VBMS 831. Anatomy II (VMED 631)</b> (4 cr II) Lec 1, lab 3. Prereq: VBMS 830  Gross anatomy of domestic ruminants, horses, and birds. An advanced course in detailed gross anatomy incorporating intensive dissection laboratory sessions and classroom lectures.</p>	5/1/15			

**New degree programs, options, specializations, certificates, minors (undergraduate and graduate)**

**Complex Biosystems** - New PhD program - Approved  
**Food, Energy and Water in Society** - New 18 hr. undergraduate minor - Approved  
**Informatics** - New minor offered by Computer Science and Engineering - Approved

**Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee**

Life Science sub-waivers. Students need to take LIFE 120 before going on to LIFE 121,

**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**

SCIL is the approved prefix for Science Literacy  
The Planning and Transition Meeting will be held May 26<sup>th</sup>.

<sup>1</sup> 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 May 18, 2015. 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.

<sup>2</sup> 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