College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions
April 14, 2017

[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
ABUS 855 - Marketing and Globalization	**Change of Delivery** **ABUS 855. Marketing and Globalization (MRKT 855)** (3-6 cr, max 6) Prereq: GRBA *813 or equivalent Globalization and resulting changes in the business environment. Access to new consumers, new supplies. The effect on consumer choices. Readings from scholarly and popular press, videos, and a "real world" application. Marketing strategies developed for Nebraska firms and organizations such as value-added food marketers.	**4/14/17**			
AECN 474 - Cooperatives	**New Course** **AECN 474. Cooperatives** (3 cr I) Lec 3. Prereq: ECON 212, AECN 141, or instructor approval Cooperatives are an important form of business enterprise found in many industries, both in the U.S. and elsewhere. The role of cooperatives in market-oriented economies will be presented. Topics include cooperative business principles, the economic theory of cooperative pricing decisions, the fundamentals of co-op accounting principles, financing, decision making, and taxation. Focus will be primarily upon traditional agricultural cooperatives; other types of cooperatives will be examined in some detail	**4/14/17**			
AGEN 424/824 - Machine Design in Agricultural Engineering	**Change of Prereq.** **AGEN 424/824. Machine Design in Agricultural Engineering** (3 cr I) Lec 3. Prereq: Senior standing; AGEN 324; and MECH 130. Design of machine elements. Definition, analysis, and solution of a design problem in agricultural engineering.	**4/14/17**			
AGRO 932 - Biometrical Genetics and Plant Breeding	**Change of Crosslisting** **AGRO 932. Biometrical Genetics and Plant Breeding (STAT 847)** (3 cr) Lec 3. Prereq: AGRO 931. STAT 802 recommended. Offered odd-numbered calendar years. Theoretical concepts involved in planning breeding programs for the improvement of measurable morphological, physiological, and biochemical traits that are under polygenic control in crop plants of various types.	**4/14/17**			

ENTO 400 - Biology and Classification of Insects	**Change of Prereq.** **ENTO 400. Biology and Classification of Insects** (4 cr) Lec 3, lab 3. Prereq: ENTO 115 or equivalent introductory course. Survey of orders and common families of insects with emphasis on biology, ecology, and phylogeny. Sight recognition of major orders and families, identification of other families with keys. Insect collection required.	**4/14/17**			
ENTO 414/814 - Forensic Entomology	**Change of Prereq.** **ENTO 414/814. Forensic Entomology (FORS 414/814)** (3 cr) Lec 3. Prereq: ENTO 115 or equivalent introductory course. Application of entomology to legal issues. Criminal investigations, insects of forensic importance, insect succession on carrion, and case studies.	**4/14/17**			
FORS 411 - Overview of Forensic Comparative Analysis Lab	**Change When Offered and Description** **FORS 411. Overview of Forensic Comparative Analysis Lab** (3 cr II) Lab. Prereq: FORS 120/L or equivalent, FORS 302 or FORS 303, LIFE 120/L and LIFE 121/L or equivalent, CHEM 109 or equivalent, ENTO 115/116, STAT 218, and MATH 104 or 106 or instructor permission. Covers the main forensic science comparisons that are seen in most crime scene investigation units and forensic science labs. Provides a broad overview of the concepts and analytical techniques of forensic comparative science. Covers basic microscopic applications, photography, computer applications, courtroom testimony, ethics, cognitive bias, and the concepts of error and sufficiency in forensic science.	**4/14/17**			
HORT 100 - Plants, Landscapes and the Environment	**New Course** **HORT 100. Plants, Landscapes, & the Environment (AGRO 100, TLMT 100)** (3 cr I, II) Lec 3. Introduction to a diverse range of plant and landscape systems and management strategies for balancing economic and environmental sustainability. Foundational principles of plant biology, landscape ecology, and environmental science using real-world case studies.	**4/14/17**			
NRES 233 - Wildlife Field Techniques	**Change of Prereq.** **NRES 233. Wildlife Field Techniques** (1 cr I, III) Lab 3. Prereq: Sophomore status. Offered off-campus during academic breaks at Cedar Point Biological Station. Field and laboratory skills needed for wildlife management emphasizing wildlife and vegetation surveys, mark-recapture of wildlife, radio-telemetry, aging and forensic methods, and habitat assessment. Course fee applies.	**4/14/17**			
NRES 301- Environmental Health	**New Course w/ACE 8 Designation** **(ACE 8) NRES 301. Environmental Health (NUTR 301)** (3 cr I, II) Lec. Prereq: Class standing of sophomore or above with at least one semester of chemistry and biology. Provides a comprehensive understanding of how environmental exposures to physical, chemical and biological hazards influence human health. Offers basic knowledge in the core concepts of toxicology, exposure and risk, vulnerable populations and the interrelationship between human, animal and environmental health.	**4/14/17**			

NRES 311 - Wildlife Ecology and Management	**Change of Prereq. and Description** **NRES 311. Wildlife Ecology and Management** (3 cr II) Lec 3. Prereq: NRES/BIOS 220 or BIOS 207, or concurrent with NRES/BIOS 220 or BIOS 207 Applied ecology, conservation biology, population biology, and enhancement of vertebrate, non-domestic animal populations through management. Emphasis on policy, decision-making, and management options involving people, habitat, and wildlife.	**4/14/17**			
STAT 801A - Statistical Methods in Research	**Change of Title and Addition of Note** **STAT 801A. Statistical Methods in Research: Non Calculus** (4 cr) Lec 3, lab 2. Prereq: Introductory course in statistics. *This is an introductory non-calculus based course for students who will take statistic courses beyond STAT 802, 803 or 804. Students interested in taking more advanced statistic courses should register for STAT 801B.* Statistical concepts and statistical methodology useful in descriptive, experimental, and analytical study of biological and other natural phenomena. Practical application of statistics rather than on statistical theory.	**4/14/17**			
STAT 801B - Statistical Methods in Research: Calculus	**New Course** **STAT 801B. Statistical Methods in Research: Calculus** (4 cr) Lec 3, lab 2. Prereq: Introductory statistics course; at least one semester of calculus. *This course (not STAT 801A) is a prerequisite for STAT 870, 873, 875 and 876. Can also be used as a prerequisite for STAT 802 and 803.* Statistical concepts and methodology useful for description, analysis and interpretation of experimental and observational studies. Practical application of statistics and essential background for subsequent courses in statistics. Students planning on taking statistic courses beyond STAT 802, 803 and 804 should register for this course, not STAT 801A.	**4/14/17**			
VMED 589 - Small Animal Surgery	**Change of Title, Credit Hours and Description** **VMED 589. Anesthesiology and Small Animal Surgery** (5 cr) Lec 3, lab 6. Prereq: Must be admitted to the UNL-ISU Veterinary Medicine Program. VMED 583. Anesthetic equipment, agents and procedures for domestic animals. General principles of surgery of small/companion animal surgery.	**4/14/17**			
VMED 660 - Veterinary Histology	**Change of Description** **VMED 660. Veterinary Histology** (4 cr) Lec 2, lab 4. Prereq: Must be admitted to the UNL-ISU Veterinary Medicine Program. Fundamental eukaryotic cell biology and early development, microscopic structure of basic cell types, tissues and organs of the body, following a system/apparatus approach.	**4/14/17**			
New degree programs, options, specializations, certificates, minors (undergraduate and graduate)					
Approved 3+3 Collaborative Program with the College of Law for Environmental Studies degree program					
Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee					

None
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
Tabled: AGRI 888 - Teaching Undergraduate Science HORT 375 - Innovations for Agriculture

[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 May 1, 2017. 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 Environmental Studies, B.S. in Forensic Science, B.S. in Integrated Science, B.S. in PGA Golf Management, B.S. in Grassland Studies, Master of Applied Science and Doctor of Plant Health.

The Center for Grassland Studies serves as the hosting unit for the PGA Golf Management Program.

.Carol Shares\CURRICUL\Actions\Summary 4 14 17

No approval needed