

**College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions**

October 25, 2013

Department Title and Number	Type of Action Requested (Underlining Indicates the Proposal Changes)	Approved CASNR	Approved UCC	Approved Graduate Council
AGRO 403/803 - Scientific Writing and Communication	<p>New Course w/Capstone (ACE 10) Designation 403/803. Scientific Writing and Communication (HORT 403) (3 cr III) Lec. 3. Prereq: Senior standing or higher, science major, an ACE 1 written communication course, an ACE 2 oral communication course, and permission of instructor. Reading and critiquing, writing, and presenting scientific information. Use research data to compose a manuscript in standard scientific format, and prepare and present a poster to a general audience. Ethical issues in research and writing.</p>	10/25/13		
AGRO 919 - Plant Genetics	<p>Change of Credit Hours from 2 to 3 and Description 919. Plant Genetics (HORT 919) (2 <u>3</u> cr II) Lec 2 <u>3</u>. Prereq: AGRO 315 <u>Focus student learning on principles related to mendelian, population, and molecular genetics of plants including allelisms, nonallelic gene interaction, linkage and recombination, mode of inheritance, mutation, epigenetics, DNA-based makers and mapping techniques, inheritance of qualitative and quantitative traits, and plant transformation.</u></p>	10/25/13		
BSEN 311 - Biomedical Systems and Signal Analysis	<p>Addition to Prerequisite 311. Biomedical Systems and Signal Analysis (3 cr) Lec. 3. Prereq: MATH 221 <u>and BSEN 212A or equivalent</u>. Mathematical modeling of biophysical systems. Continuous and discrete signals. Signal representation, system classification, impulse response, convolution, Fourier analysis, transfer functions, difference-equation approximations of differential equations. Basic filtering concepts.</p>	10/25/13		
HORT 471/871 - Vines, Wines and You	<p>Addition of HRTM Crosslisting 471/871. Vines, Wines and You (HRTM 471/871, NUTR 471/871) (3 cr II) Lec, lab. Prereq: 7 hrs. science or equivalent experience; 21 years of age or older. <i>Proof of age is required.</i> Origin, botany, historical and cultural significance of the grapevine and related species. Principles and practices of vineyard establishment, management, and processing of grape products, importance and/or scope of grape and wine industry; global and local significance. Culinary applications, health, environmental and safety-related issues, business and industry relations and experience.</p>	10/25/13		

NRES 105 - Justin Smith Morrill Scholars Seminar	Deletion of Course 105. Justin Morrill Scholars Seminar (1 cr 1) Lec 1. NRES 105 is open to Justin Smith Morrill Scholars Program students only. The life, experience, and accomplishments of Justin Smith Morrill, author of the Land-Grant College Acts 1862 and 1890. The role of Land-Grant University in the modern era.	10/25/13		
Informational Items				
<p>Approved a collaborative undergraduate and professional degree program between the Bachelor of Science in Environmental Studies and Master of Public Health with a Concentration in Environmental and Occupational Health (UNMC).</p> <p>Rescinded acceptance of the Veterinary Science Degree Program revision approved 10/11/13.</p>				

We are furnishing information on recent CASNR Curriculum Committee actions. If you have any questions or concerns, your department head must contact Dean Steve Waller (swaller1@unl.edu) in writing by November 11, 2013. If we have heard no objections, we will assume you approve and the above changes will be forwarded to the appropriate UNL committees (University Curriculum Committee and/or UNL Graduate Council.)

¹The CASNR Dean's Office has a copy of the supporting material. *All curriculum requests tabled for a minimum of four months during any academic term (without additional information being presented to the CASNR Curriculum Committee) will be automatically withdrawn. (Policy statement approved by CASNR Curriculum Committee 2/13/98.)*



No approval needed

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