

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

September 21, 2012

Department Title and Number	Type of Action Requested (Underlining Indicates the Proposal Changes)	Approved CASNR	Approved UCC	Approved Graduate Council
AGRO 411/811 - Crop Genetic Engineering	Change of Credit Hours 411/811. Crop Genetic Engineering († 2 cr) Lec 2. Basic steps required to produce genetically engineered crops. Genetic engineering procedures used to develop current crops and innovations that will lead to future products. Genetic engineering process and predicting how changes in different steps of the process influence the final crop. Application of genetic engineering technology to plan the development of new genetically engineered crops.	9/21/12		
AGRO/HORT 424/824 - Plant Nutrition and Nutrient Management	Delete Undergraduate Level - 424 *824. Plant Nutrition and Nutrient Management (HORT *824) (3 cr II) Lec 3. Prereq: AGRO 325 or a basic course in physiology. <i>A course in organic chemistry or biochemistry recommended. Offered spring semesters.</i> Macro- and micro-nutrient elements and their function in the growth and development of plants; the role of single elements; interaction/balances between elements and nutrient deficiency/toxicity symptoms as they affect the physiology of the whole plant; and the relationship between crop nutrition and production/environmental considerations (e.g., yield, drought, temperature, pests).	9/21/12		
ASCI 101 - Introduction to Animal Sciences	Change of Description and Add Crosslisting 101. Introduction to Animal Sciences (VBMS 101) (1 cr I) Lec 1. Survey of careers, internships, skills and information resources for students interested in animal sciences, <u>animal health and veterinary medicine</u> . General skills and information for success in college.	9/21/12		
ASCI 240/240H - Anatomy and Physiology of Domestic Animals	Change of Prerequisites 240/240H. Anatomy and Physiology of Domestic Animals (4 cr II) Lab 3, lec 3. Prereqs: 4 hrs. biological sciences. <u>BIOS 101 or equivalent and CHEM 105 or equivalent.</u> <i>This course is a prerequisite for ASCI 320, ASCI 341, ASCI 342, ASCI 351, ASCI 453, NUTR 450, NUTR 455, VBMS 303, VBMS 403, VBMS 408, VBMS 410, VBMS 805.</i> Fundamentals of the anatomy and physiology of domestic animals.	9/21/12		
BIOC 836/CHEM 836 - Biological Chemistry	Change of Title and Description *836. Physical Basic of Macromolecular Function (CHEM *836) (3 cr II) Lec 3. <u>Introduction to the theory and practice of biophysical characterization of macromolecules.</u> The course will be based on <u>primary research literature</u> , although a supporting text will be used for in depth discussion of methods.	9/21/12		

VBMS 101 - Introduction to Animal Health Careers	Change of Title, Description and Add Crosslisting 101. Introduction to Animal Sciences (ASCI 101) (1 cr I) Lec 1. Survey of careers, internships, skills and information resources for students interested in animal sciences, <u>animal health and veterinary medicine</u> . General skills and information for success in college.	9/21/12	
VMED 673 - Veterinary Systematic Pathology	Change of Credit Hours 673. Veterinary Systematic Pathology (+ 2 cr) Prereq: Second year standing in and admission to Veterinary Medicine. Continuation of VMED 672. Emphasis on disease processes, immunopathology, and pathogenesis and mechanisms of disease in domestic animals and select enzootic disease of wildlife and birds. Labs scheduled according to availability of teaching materials provided by the Veterinary Diagnostic Center.	9/21/12	

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 October 9, 2012. 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 required.

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