

**College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions
December 4, 2015**

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
AGRO 240 - Forage Crop and Range Management	<p>Change of Title, Credit Hours and Description [IS] AGRO 240. Forage Crop and Pasture Management (RNGE 240) (4-3 cr I, II) Prereq: AGRO 131 or BIOS 109 or equivalent. Principles basic to the establishment, management, and utilization of forage <u>crops</u> and <u>pastures</u>. Plant identification and selection, seeding, fertilization, <u>irrigation</u>, <u>forage</u> quality and utilization, <u>hay</u> and <u>silage</u> preservation, and <u>grazing</u> management. The role of forages and ranges in developing a sustainable agriculture.</p>	12/4/15			
ASCI 95 -Animal Science Major Orientation Seminar	<p>New Course ASCI 95. Animal Science Major Orientation Seminar (0-0 cr, 0 cr per sem, max 0 I, II) Lec. Prereq: Animal Science Major The Animal Science Major Orientation Seminar provides Animal Science majors an opportunity to interact with Animal Science Faculty and other Animal Science students in an encouraging and supportive environment during their first semester in the major. Weekly topics will include discussions with Animal Science faculty, academic success resources, intrapersonal and leadership development and academic and co-curricular planning. The course is required for all Animal Science majors regardless of when the major is declared.</p>	12/4/15			
ASCI 201 - Professional Development for Careers in Animal Science	<p>New Course ASCI 201. Professional Development for Careers in Animal Science (1 cr II) Lec 1. Prereq: ASCI 100 and Sophomore Standing Professional Development for Careers in Animal Science. The course is designed for Animal Science majors to further develop the following: 1.) Critical thinking and problem solving skills as individuals and in groups, 2.) Ability to identify potential careers related to animals, 3.) Animal related career development goals and experiential learning plans, 4.) Ethics and values associated with animal related careers and 5.) A senior capstone project proposal</p>	12/4/15			

<p>ASCI 254 - Basic Swine Science</p>	<p>New Course ASCI 254. Basic Swine Science (2 cr I, II) Lec. This course is taught by Iowa State University as part of the GPIDEA/Ag*IDEA course offerings, Registration with permission from your adviser and CASNR Online Education Office Basic disciplines and concepts involved in swine production including: industry structure, trends and statistics; production phases and building; genetic improvement; reproduction; nutrition; health and bio-security; nutrient management; marketing and meat quality; and career opportunities in the swine industry.</p>	<p>12/4/15</p>			
<p>ASCI 315 - Animal Growth and Development</p>	<p>New Course ASCI 315. Animal Growth and Development (3 cr II) Lec 3. Prereq: ASCI 240 Provide insight into the growth and development of the structural tissues in animals. The physiological, genetic, nutritional, and environmental factors that can affect growth and development of animals will be discussed in terms of both livestock and domestic animals.</p>	<p>12/4/15</p>			
<p>ASCI 354A - Swine Breeding & Gestation</p>	<p>New Course ASCI 354A. Swine Breeding & Gestation (1 cr II) Lec. This course is taught by North Carolina State University and is part of the GPIDEA/AgIDEA courses offerings. Registration with permission from your advisor and CASNR Online Education Concepts related to: reproductive physiology and endocrinology of boars and sows; genetic selection programs; development programs for future replacement gilts and boars; semen collection, evaluation, and preparation; detection of estrus and artificial insemination; pregnancy diagnosis; feeding and house programs for gestating sows; environmental management; records; diseases; and development of quality assurance programs for identifying and solving reproductive problems.</p>	<p>12/4/15</p>			
<p>ASCI 354B - Swine Farrowing Management</p>	<p>New Course ASCI 354B. Swine Farrowing Management (1 cr II, III) Lec. This course is taught by the University of Missouri and is part of the GPIDEA/AgIDEA course offerings. Registration with permission from your advisor and CASNR Online Education Office Advanced integration and application of reproductive management concepts during farrowing and lactation. Identification of production trends; formulation of strategies to improve productivity; and parturition and neonatal management.</p>	<p>12/4/15</p>			
<p>ASCI 354D - Swine Nursery Management</p>	<p>New Course ASCI 354D. Swine Nursery Management (1 cr II, III) Lec. This course is taught by Penn State as part of the GPIDEA/Ag*IDEA course offerings. Registration with permission from your advisor and CASNR Online Education Office. Overview of the critical management, housing, and financial considerations relevant to the successful operation of a swine nursery, grow-finish, or wean to finish enterprise, including: nutrient requirements; building and facility management; and marketing.</p>	<p>12/4/15</p>			

ASCI 354E - Employee Management for Swine Industry	New Course ASCI 354E. Employee Management for Swine Industry (1 cr I) Lec. This course is taught by Virginia Tech University and is part of the GPIDEA/AgIDEA consortium. Registration is with permission from your advisor and CASNR Online Education Office Effective employee management in swine production units. Assist students in understanding the principles, policies, and practices related to procurement, development, maintenance, and utilization of employees.	12/4/15			
ASCI 354F - Swine Environment Management	New Course ASCI 354F. Swine Environment Management (1 cr I, II) Lec. This course is taught by Iowa State University as part of the GPIDEA/AgIDEA consortium. Registration with permission from your adviser and CASNR Online Education Office Response of swine to thermal environment, ventilation system design and analysis, heating and cooling systems and examples of various designs for all phases of production. Trouble shooting ventilation systems and energy analysis of production units.	12/4/15			
ENSC 220 - Introduction to Energy Systems	Deletion of Prereq. ENSC 220. Introduction to Energy Systems (3 cr II) Lec 3. Prereq: ENSC 110: Overview of energy systems, sources, transformations, efficiency, and storage. Fossil fuels, biomass, wind, solar, nuclear, and hydrogen. Sustainability and environmental trade-offs of different energy systems	12/4/15			
ENSC 300 - Energy Science Seminar	Change of Description, Removal of Prereq & When Offered ENSC 300. Energy Science Seminar (1 cr-II) Lec 1. Prereq: Sophomore standing and ENSC 110: Current issues in research, ethics, and professional practice related to energy science. <u>Overview and evaluation of existing energy problems and solutions, covering technological, environmental, economic, business, and political issues.</u>	12/4/15			

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

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

Approved revisions to the BS-VBMS Degree Program, Pre-Veterinary Medicine Program, and the Veterinary Technology Program for the 2016-17 UG Bulletin..

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

The next meeting will be Friday, January 15, at 2:00 pm.

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 December 21, 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.

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

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