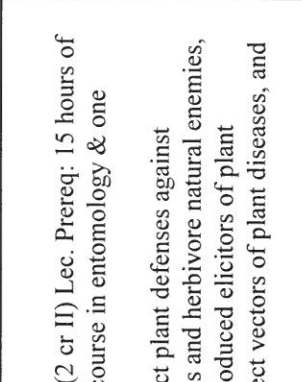


College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions
December 2, 2016

¹ Faculty Action

Unit Title and Number	Courses (new, revisions, deletions, ACE certification and recertification)	Approved CASNR	Approved CASNR Faculty	Approved UCC	Approved Graduate Council
AGRO 479/879 - Applied Soil Physics	<p>Addition of Crosslistings AGRO 479/879. Applied Soil Physics (NRES 473/873, SOIL 473, WATS 473) (3 cr I) Lec 2, lab 1. Prereq: AGRO/HORT/SOIL 153 or equivalent; MATH 104 or MATH 106 or equivalent. Emphasis on applied soil physics. Discussion of theoretical principles followed by field and laboratory exercises and applications. Fluxes of water, solutes, air, and heat through the soil. Emphasis on water infiltration, water retention, other soil hydraulic properties. Components of soil water balance. Management of soil water.</p>	12/2/16			
BIOC 205 - Scientific Analysis and Technical Writing	<p>Change of Prerequisites BIOC 205. Scientific Analysis and Technical Writing (2 cr I, II) Lec 2. Prereq: Biochemistry major or minor. <u>LIFE 120 and CHEM 109, BIOC 101 and CHEM 110</u> suggested to 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>	12/2/16			
BIOC 432/832 - Metabolism and Biological Information	<p>Change of Prerequisites BIOC 432/832. Metabolism and Biological Information (BIOS 432, CHEM 432/832) (3 cr I, II) Lec 3. Prereq: BIOC 431/831 with a grade of C or better, BIOS 206 or <u>AGRO 315</u> Continuation of BIOC 431/831. Major metabolic pathways of anabolism, structural and biochemical aspects of biological information flow and use in biotechnology.</p>	12/2/16			
ENTO 410/810 - Insects as Educational Tools for Classroom	<p>Deletion of UG Level ENTO 810. Insects as Educational Tools for the Classroom (3 cr) Lec 2, lab 2. Prereq: Introductory entomology course. Overview of insects. Insect diversity, insect structure and function, insect ecology and behavior, and the beneficial and detrimental roles insects play. Integrating the study of insects into the classroom to enhance science education.</p>	12/2/16			

<p>ENTO 835 - Chemical Ecology of Insect-Plant Interactions</p>	<p>New Course ENTO 835. Chemical Ecology of Insect-Plant Interactions (2 cr II) Lec. Prereq: 15 hours of agricultural sciences and/or biological sciences including one course in entomology & one course in biochemistry. A focus on insect-plant interactions including direct and indirect plant defenses against herbivory, tritrophic interactions among plant, insect herbivores and herbivore natural enemies, biochemical mechanisms of plant defenses, insect herbivore-produced elicitors of plant defenses, semiochemicals based IPM, chemical ecology of insect vectors of plant diseases, and chemical ecology of insect pollination.</p>	<p>12/2/16</p>	
<p>New degree programs, options, specializations, certificates, minors (undergraduate and graduate)</p>			
<p>None</p>			
<p>Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee</p>			
<p>None</p>			
<p>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</p>			
<p>Critical Requirements from four degree programs were reviewed.</p>			

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 19, 2016. 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.



No approval needed