

College of Agricultural Sciences and Natural Resources
Curriculum Committee
Summary of Actions
November 10, 2017

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
BIOC 305 - Reflective Approach to Graduate/Professional School Application	New Course BIOC 305. Reflective Approach to Graduate/Professional School Application (1 cr II) Lec 1. Prereq: Biochemistry major; junior standing or senior standing; BIOC 431. Biochemistry minor, with permission. Letter grade only. Focuses on preparing students for graduate/professional school application through reflective writing and application specific activities.	11/10/17			
BIOC 431/831 - Structure and Metabolism	Change of Prerequisites BIOC 431/831. Structure and Metabolism (BIOS 431/831, CHEM 431/831) (3 cr I, II) Lec 3. Prereq: <u>LIFE 120 with a grade of C or better</u> ; CHEM 252 or CHEM 262 with a grade of C or better. BIOS 206/ <u>AGRO 215 is recommended</u> . <i>First course of a two-semester, comprehensive biochemistry course sequence.</i> Structure and function of proteins, nucleic acids, carbohydrates and lipids; nature of enzymes; major metabolic pathways of catabolism; and biochemical energy production.	11/10/17			
BIOC 432/832 - Metabolism and Biological Information	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/ <u>AGRO 215 with a grade of C or better</u> . <i>Continuation of BIOC 431/831.</i> Major metabolic pathways of anabolism, structural and biochemical aspects of biological information flow and use in biotechnology.	11/10/17			
BIOC 433/833 - Biochemistry Laboratory	Change of Prerequisites BIOC 433/833. Biochemistry Laboratory (BIOS 433/833, CHEM 433/833) (2 cr I, II) Lec 1, lab 4. Prereq: BIOC 431/831 or parallel; or CHEM 435/835. Introduction to techniques used in biochemical and biotechnology research, including measurement of pH, spectroscopy, analysis of enzymes, chromatography, fractionation of macromolecules, electrophoresis, and centrifugation.	11/10/17			
BIOC 439/839 - Dynamics of Biochemical and Biological Networks	Change of Prerequisites BIOC 439/839. Dynamics of Biochemical and Biological Networks (BIOS 439/839) (3 cr II) Lec 2, rct 1. Prereq: BIOS 206 or AGRO 215; BIOC 321 or BIOC 431 Letter grade only. To introduce and integrate, students in biochemistry and other life sciences, to the field of computational modeling of biochemical and biological network systems into a seamless curriculum.	11/10/17			

ENVR 491 - Environmental Studies Seminar	Change of Prerequisites ENVR 491. Environmental Studies Seminar (1 cr, 1-3 cr, max 3 II) Lec. Prereq: <u>Permission</u> . Majors must have passed ENVR 101. Series of speakers dealing with topics related to an environmental theme selected for its appropriate and timely nature by the Environmental Studies Coordinating Committee. Topic varies.	11/10/17		
ENVR 495 - Internship in Environmental Studies	Change of Prerequisites ENVR 495. Internship in Environmental Studies (1-4 cr, max 12) Prereq: <u>Permission</u> . Experience in off-campus setting that is directly relevant to environmental studies.	11/10/17		
ENVR 496 - Independent Study	Change of Prerequisites ENVR 496. Independent Study (1-4 cr, max 12) Prereq: <u>Permission</u> .	11/10/17		
ENVR 499H - Honors: Environmental Studies Senior Thesis I & II	Change of Prerequisites ACE 10) ENVR 499H. Honors: Environmental Studies Senior Thesis I & II (3 cr) Lec 0, rct 0, ind 0. Prereq: <u>Permission</u> . Preparation for writing the senior thesis.	11/10/17		
STAT 380 - Statistics and Applications	Change of Prerequisites (ACE 3) STAT 380. Statistics and Applications (MATH 380) (3 cr) Lec 3. Prereq: <u>A grade of P, C, or higher in MATH 107 or MATH 107H. Credit toward the degree can not be earned in STAT 218 if taken after or taken in parallel with STAT/MATH 380.</u> Probability calculus; random variables, their probability distributions and expected values; t, F and chi-square sampling distributions; estimation; testing of hypothesis; and regression analysis with applications.	11/10/17		
New degree programs, options, specializations, certificates, minors (undergraduate and graduate)				
BS in Environmental Restoration Science - Revision and Change of Degree Name PGA Golf Management Program - New option "HRTM"				
Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee				
ALEC Teacher Certification Option - Revision				
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				

Applied Ecology Specialization - Revision
MSYM 109 - Survey for modifications:
https://ssp.qualtrics.com/jfe/form/SV_5pzoBy56azE135j
(Feedback due Dec. 15 to David Mabie)

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 November 27, 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.



No approval needed