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

[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
AGEN 957 - Modeling Vadose Zone Hydrology	**New Course** **AGEN 957. Modeling Vadose Zone Hydrology (BSEN 957, CIVE 957, GEOL 957)** (3 cr II) Lec 3. Prereq: MATH 22/821 or equivalent AGEN/BSEN 350 or NRES 453/853 or equivalent Typically offered spring semester in even years. Principles and modeling of fluid flow and solute transport in the vadose zone. Topics include hydraulic properties of variably saturated media, application of Darcy's Law in variably saturated media, hydrologic and transport processes in the vadose zone, and solution of steady and unsteady flow problems using numerical techniques including finite element methods. Contemporary vadose zone models will be applied to engineering flow and transport problems. Review and synthesis of classic and contemporary research literature on vadose zone hydrology will be embedded in the course.	**2/10/17**			
FDST 442/842 - Omnivore Digestive-Tract Microbiome as Part of an Ecosystem	**New Course** **FDST 442/842. Omnivore Digestive-Tract Microbiome as Part of an Ecosystem** (3 cr II) Lec 3. Prereq: BIOS 312 (Microbiology) or equivalent. Course objectives: The course will provide an overview, as well as detailed examples, of studies that define the digestive tract microbial ecosystem both at the local and systemic scale in the context of omnivores such as humans and animals. The microbiome will be presented in its natural biological context of the life history of its host under a multidisciplinary angle. The intention is to offer different points of view of a biome beyond the technologically driven approaches used study the digestive tract ecosystem. Opportunities will be created for the students to work on information collection, synthesis, interpretation, presentation, and reflection.	**2/10/17**			
SCIL 109 - Water in Society	**Addition of Crosslistings** **(ACE 4, 8) SCIL 109. Water in Society (AECN 109, ENVR 109, GEOG 109, NRES 109)** (3 cr I) Lec. 3. Prereq: none Introduction to the scientific, social, and economic dimensions of historical and contemporary water systems. Students will develop an understanding of hydrologic systems and analyze and engage in decision-making about complex challenges associated with water resource use.	**2/10/17**			
New degree programs, options, specializations, certificates, minors (undergraduate and graduate)2/10					

None
Curriculum Committee Approval Only: Substitution/waivers, student appeals, bulletin copy (format, consistency, accuracy, editorial), operating procedures for the curriculum committee
Approved revision of Agronomy Degree Program - substituting AECN 235 for AECN 325 throughout their degree requirements.
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
Discussed the impact of increasing student enrollments.

[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 March 1, 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.

.Carol Shares\CURRICUL\Actions\Summary 2 10 17

No approval needed