

Cover Sheet: Request 10199

Environmental Engineering Sciences

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending
Submitter	Barber, Barbi L barbib@ufl.edu
Created	4/7/2015 12:41:33 PM
Updated	1/21/2016 10:51:49 AM
Description	Undergraduate Curriculum is being slightly modified to allow alternative courses to satisfy 3 of our current required courses.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Environmental Engineering Sciences 011910000	Wu, Chang-Yu		4/21/2015
No document changes					
College	Recycled	ENG - College of Engineering	Cagle, Elizabeth	Please make corrections to the memo as discussed: course title corrections.	12/3/2015
No document changes					
Department	Approved	ENG - Environmental Engineering Sciences 011910000	Wu, Chang-Yu	Comments have been addressed in this revised document of EES curriculum.	12/7/2015
Replaced Curriculum Items Approved by EES faculty on March 23 2015.pdf					12/7/2015
Added Curriculum Items Approved by EES faculty on March 23 2015.pdf					12/7/2015
College	Approved	ENG - College of Engineering	Cagle, Elizabeth		1/21/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			1/21/2016
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					

Step	Status	Group	User	Comment	Updated
College Notified					
No document changes					

Memo

From: Dr. Chang-Yu Wu, Professor and Department Head
To: CoE Curriculum Committee
Subject: EES Curriculum Change
Date: April 07, 2015

The EES faculty approved the following changes to the undergraduate curriculum. Details of each item and justification are provided below.

1. Allow appropriate GIS classes to be taken as an alternative to CAD
 - Currently: CAD is required (CGN 2328 – Technical Drawing and Visualization)
 - Justification: Students following certain career paths find GIS to be more relevant than CAD to their career. Hence, it will be beneficial to these students if they are allowed to take GIS instead of CAD.
2. Allow CGN 3501C (Civil Engineering Materials) as an alternative to EMA 3010
 - Currently: EMA 3010 Materials is required
 - Justification: Students choosing a career path involving construction, such as landfill, feel the need for more knowledge in Civil Engineering Materials, while students studying natural systems will need to have knowledge in MSE materials. Hence, it will be beneficial to allow students to take the appropriate materials course relevant to their career path.
3. Eliminate undergraduate requirement of electrical engineering (or equivalent)
 - Currently: CGN 3710 Experimentation and Instrumentation in Civil Engineering or EEL 3003 Elements of Electrical Engineering and Circuits is required.
 - Notes: This is no longer part of the FE exam for Environmental Engineering. Eliminating requirement will open up credits for other areas. Basic circuit is also covered in Physics 2 already.