

Cover Sheet: Request 15214

BME3012 Clinically-Inspired Engineering Design

Info

Process	Course Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Kristin Theus undergrad@bme.ufl.edu
Created	8/13/2020 10:19:52 AM
Updated	9/6/2020 8:53:50 PM
Description of request	Remove prerequisite of ENC3246.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Biomedical Engineering 021934001	Kevin Otto		8/13/2020
No document changes					
College	Approved	ENG - College of Engineering	Heidi Dublin	Approved by HWCOE Curriculum Committee	9/6/2020
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/6/2020
No document changes					
Statewide Course Numbering System					
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
College Notified					
No document changes					

Course|Modify for request 15214

Info

Request: BME3012 Clinically-Inspired Engineering Design
Description of request: Remove prerequisite of ENC3246.
Submitter: Kristin Theus undergrad@bme.ufl.edu
Created: 8/13/2020 10:09:56 AM
Form version: 1

Responses

Current Prefix BME

Course Level 3

Number 012

Lab Code None

Course Title Clinically-Inspired Engineering Design

Effective Term Earliest Available

Effective Year Earliest Available

Requested Action Other (selecting this option opens additional form fields below)

Change Course Prefix? No

Change Course Level? No

Change Course Number? No

Change Lab Code? No

Change Course Title? No

Change Transcript Title? No

Change Credit Hours? No

Change Variable Credit? No

Change S/U Only? No

Change Contact Type? No

Change Rotating Topic Designation? No

Change Repeatable Credit? No

Change Course Description? No

Change Prerequisites? Yes

Current Prerequisites BME 3060 (C), PCB 3713C (C), & ENC 3246 (C)

Proposed Prerequisites BME 3060 (C) & PCB 3713C (C)

Change Co-requisites? No

Rationale It has proved difficult for all students to complete ENC3246, given the limited number of seats available in this course and the fact that all engineering students are required to complete the course. By placing ENC3246 as a prerequisite for a junior course, we over constrained the BME curriculum. After discussion with the instructors of both BME3012 (our required junior design course) and BME4882/3 (our two-semester senior design course sequence), it was determined that technical skills are most important for BME4883, which students complete during their final term (senior spring). Although it is preferable that students complete ENC3246 prior to BME3012, it is not a possibility for most students (due the enrollment caps, assigned registration times for rising juniors, and additional coursework) and students can also perform well in BME3012 without completing ENC3246 beforehand. However, ENC3246 is crucial as a prerequisite by no later than senior spring, when students will enroll in BME4883 and be expected to communicate professionally and efficiently. Therefore, we are requesting to move the prerequisite of ENC3246 to a different course and remove it as a prerequisite altogether from BME3012.