

# Cover Sheet: Request 10699

## BME4311 Molecular Biomedical Engineering

### Info

Process	Course Modify Ugrad/Pro
Status	Pending
Submitter	Theus, Kristin undergrad@bme.ufl.edu
Created	1/28/2016 9:31:04 AM
Updated	3/14/2016 10:54:31 AM
Description	Introduces the fundamentals of molecular biology for biomedical engineers. Designed for juniors or seniors majoring in biomedical engineering to learn the nomenclature and current state of knowledge of the eukaryotic cell and its related structures. Topics include protein structure and function, enzymes, the structure and nature of DNA and the cellular structure and function of various cellular organelles. Learn about energy and the function of mitochondria and chloroplast, cellular communication and the function of the extracellular matrix.

### Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Biomedical Engineering 021934001	Rinaldi, Carlos		2/15/2016
No document changes					
College	Approved	ENG - College of Engineering	Caple, Elizabeth		3/14/2016
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			3/14/2016
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 10699

### Info

**Request:** BME4311 Molecular Biomedical Engineering

**Submitter:** Theus, Kristin undergrad@bme.ufl.edu

**Created:** 1/28/2016 9:31:04 AM

**Form version:** 1

### Responses

**Current Prefix**BME

**Course Level**4

**Number** 311

**Lab Code** None

**Course Title** Molecular Biomedical Engineering

**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**BSC 2010, CHM 3217 and PCB 3713C

**Proposed Prerequisites**BSC 2010(C), CHM 3217 and PCB 3713C(C)

**Change Co-requisites?**No

**Rationale**The change will prevent students from enrolling in this course when they have not mastered the material covered in prerequisite courses. Two of the prerequisite courses listed are also critical tracking courses for the major and require minimum grades of C to graduate.