MINOR IN BIOMEDICAL ENGINEERING

Overview

The minor in biomedical engineering is open to all University of Miami students. It was designed specifically for students from STEM majors who are interested in learning how the field of biomedical engineering integrates principles of engineering and biological sciences to solve problems at the interface of engineering and medicine and to guide the development of new medical devices and regenerative therapies.

Curriculum Requirements

A minor in Biomedical Engineering requires 15 credit hours passed with a grade of C or higher. Students are required to complete nine credits of core courses, plus an additional 6 credits of elective courses. Students must satisfy the prerequisites for all courses. Students can count no more than 6 credits taken outside the BME Department towards the minor.

Code	Title	Credit Hours
Core Courses		
BME 112	Introduction to Biomedical Engineering	2
BME 221	Biomedical Design I	1
BME 222	Biomedical Project I	2
BME 267	Medical Systems Physiology with Lab (Medical Systems Physiology with Lab (NEW COURSE))	4
Electives		**6**
BME 321	Biomedical Design II	
BME 322	Biomedical Project II	
BME 335	Biomaterials	
BME 336	Living Systems Engineering	
BME 340	Medical Instrumentation I	
BME 341	Medical Instrumentation II	
BME 360	Applied Biotransport	
BME 370	Biomedical Signal Analysis	
BME 375	Fundamentals of Biomechanics	
Any 500-level BME course		
Total Credit Hours		**15**