

Minor in Biomedical Engineering

Requirements for the Minor

For the minor, 12 semester hours are required, excluding prerequisite courses. Students outside the Department of Biomedical Engineering who wish to minor in Biomedical Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
BIOS 110	Biology of Cells and Organisms (or higher)	4
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
Total Hours		26

Code	Title	Hours
Required Courses		
BME 101	Introduction to Biomedical Engineering	3
BME 240	Modeling Physiological Data and Systems	3
Select one of the following (prerequisites vary):		3
BME 332	Bioinstrumentation and Measurements I	
BME 339	Biostatistics I	
BME 415	Biomechanics	
BME 421	Biomedical Imaging	
BME 455	Introduction to Cell and Tissue Engineering	
BME 460	Materials in Biomedical Engineering	
BME 475	Neural Engineering I: Introduction to Hybrid Neural Systems	
BME 480	Intro to Bioinformatics	
Three additional hours of BME courses, which may be chosen from the list above (additional prerequisites may apply)		3
Total Hours		12