

# Minor in Biomedical Engineering

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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
<b>Prerequisite Courses</b>		
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
<b>Total Hours</b>		<b>26</b>

Code	Title	Hours
<b>Required Courses</b>		
BME 101	Introduction to Biomedical Engineering	3
BME 240	Modeling Physiological Data and Systems	3
Select one of the following (prerequisites vary):		3
BME 339	Biostatistics I	
BME 415	Biomechanics	
BME 421	Biomedical Imaging	
BIOE 430	Bioinstrumentation and Measurements I	
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/BIOE courses, which may be chosen from the list above (additional prerequisites may apply)		3
<b>Total Hours</b>		<b>12</b>