

BIOMEDICAL ENGINEERING MINOR

Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

Course	Title	Units
EECE 314	Bioinstrumentation	3
MATH 120	Analytic Geometry and Calculus	4
MATH 121	Analytic Geometry and Calculus	4
PHYS 204A	Physics for Students of Science and Engineering: Mechanics	4
Select one of the following:		4
BIOL 103	Human Anatomy	
BIOL 104	Human Physiology	
Select one of the following:		4
EECE 211 & 211L	Linear Circuits I and Linear Circuits I Activity	
EECE 215	Practical Circuits and Electronics	
PHYS 327	Electronics for Scientists	
Select three units from the following:		3
EECE 399	Special Problems	
EECE 499	Special Problems	
EECE 499HW	Honors Project (W)	
Select one of the following:		3-4
CSCI 582	Bioinformatics	
EECE 465	Digital Signal Processing	
EECE 565	Bioimaging Systems	
EECE 566	Applied Digital Image Processing	
MECH 430	Nanoscale Science and Engineering	
Total Units		29-30