

# Minor in Biomedical Engineering

## Degree Plan

A minor in Biomedical Engineering requires at least 16 SCH.

Code	Title	Hours
<b>Required Courses</b>		
Select one of the following:		4
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I	
BIOL 2313 & BIOL 2113	Human Anat/Physiology II and Human Anat/Physio Lab II	
<b>Foundations</b>		
BME 3303	Fundamentals of BME I	3
BME 3305	Fundamentals of BME II	3
<b>Physical sciences or health sciences</b>		<b>3</b>
Select three hours from the following:		
BIOL 3314	Molecular Cell Biology	
BIOL 3330	Histology	
BIOL 4320	Endocrinology	
BIOL 4388	Mammalian Physiology	
BIOL 4395	Topics in Biology	
CBCH 3316	Membrane Biology	
CBCH 4310	Techniques in Mol Biochem	
CBCH 4414	Cellular Biochemistry	
CHEM 4334	Structural Biochemistry	
CHEM 4335	Biophysical Chemistry	
CLSC 3368	Immunohematology	
HSCI 3301	Community Health	
HSCI 3316	Community Nutrition	
HSCI 3322	Sports Nutrition	
HSCI 3323	Nutrition Thru the Life Cycle	
KIN 3331	Anatomical Kinesiology	
KIN 4312	Exercise Physiology	
KIN 4313	Biomechanics	
KIN 4334	Coronary Intervention Programs	
MICR 4329	Epidemiology	
MICR 4353	Immunology	
PHYS 4370	Health Physics I	
PHYS 4371	Health Physics II	
SPLP 4310	Aural Rehabilitation	
ZOOL 4384	Neurobiology	
<b>Engineering</b>		<b>3</b>
Select three hours from the following:		
EE 4357	Biomechatronics	
EE 4359	Biomedical Signal & Image Proc	
EE 4360	Telemedicine & Imaging Inform	
EE 4385	Biomedical Instrumentation	
EE 4395	Special Topics-Electrical Engr	
or IE 4395	Special Topics Industrial Engr	
or MECH 4395	Special Topics in Mech. Engr.	
or MME 4390	Special Topics in MME	

MME 4312

Biomaterials Science and Eng

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**Total Hours**

**16**

No more than three SCH can be special topics.