

**Bachelor of Science in Biomedical Engineering****2017-2018**

## Suggested Plan of Study – Fall 2017 Transfer Admission

Course	CR	Course	Comments/alternate course
Term 5		<i>Fall</i>	
BME1008	1	Introduction to Biomedical Engineering	
EEL3111C	4	Circuits 1	
ENC3246	3	Professional Writing for Engineers	
EGM2511 or	3	Engineering Mechanics – Statics or	Biomechanics track prereq
EMA3010		Materials	Biomaterials track prereq
Term Credits	11		
Term 6		<i>Spring</i>	
BME3060	3	BME Fundamentals	
COP2271	2	Comp Prog for Engineers (C++ or Matlab)	
COP2271L	1	Lab for COP2271 (same language)	
PCB3713C	4	Cell and Systems Physiology	
EGM2511 or	3	Engineering Mechanics – Statics or	Biomechanics track prereq
EMA3010		Materials	Biomaterials track prereq
Term Credits	13		
Term 7		<i>Fall</i>	
BME3053C	2	Computer Applications for BME	
BME4311	3	Molecular Biomedical Engineering	
BME4409	3	Quantitative Physiology	
BME4503	3	Biomedical Instrumentation	
BME4503L	1	Biomedical Instrumentation Lab	
Term Credits	12		
Term 8		<i>Spring</i>	
STA3032	3	Engineering Statistics	
BME 3323L	3	Cellular Engineering Lab	
BME4621	3	Biomedical Thermodynamics and Kinetics	
BME4632	3	Biotransport	
Term Credits	12		
Term 9		<i>Fall</i>	
BME4531	3	Biomedical Imaging	
BME4882	3	Senior Design, Professionalism and Ethics 1	
BME Track	6		
Term Credits	12		
Term 10		<i>Spring</i>	
BME4883	3	Senior Design, Professionalism and Ethics 2	
BME Track	9		
Term Credits	12		
<b>Upper Div</b>	<b>72</b>		

BME Track: 15 credits of 3000/4000-level courses selected from approved lists (see advisor).

**Bachelor of Science in Biomedical Engineering****2017-2018**

## Suggested Plan of Study – Spring 2018 Transfer Admission

Course	CR	Course	Comments/alternate course
Term 5		<i>Spring</i>	
BME1008	1	Introduction to Biomedical Engineering	
BME3060	3	BME Fundamentals	
COP2271	2	Comp Prog for Engineers (C++ or Matlab)	
COP2271L	1	Lab for COP2271 (same language)	
EGM2511 or EMA3010	3	Engineering Mechanics – Statics or Materials	Biomechanics track prereq Biomaterials track prereq
PCB3713C	4	Cell and Systems Physiology	
Term Credits	14		
Term 6		<i>Summer</i>	
EEL3111C	4	Circuits 1	
ENC3246	3	Professional Writing for Engineers	
EGM2511 or EMA3010	3	Engineering Mechanics – Statics or Materials	Biomechanics track prereq Biomaterials track prereq
Term Credits	10		
Term 7		<i>Fall</i>	
BME3053C	2	Computer Applications for BME	
BME4311	3	Molecular Biomedical Engineering	
BME4409	3	Quantitative Physiology	
BME4503	3	Biomedical Instrumentation	
BME4503L	1	Biomedical Instrumentation Lab	
Term Credits	12		
Term 8		<i>Spring</i>	
STA3032	3	Engineering Statistics	
BME 3323L	3	Cellular Engineering Lab	
BME4621	3	Biomedical Thermodynamics and Kinetics	
BME4632	3	Biotransport	
Term Credits	12		
Term 9		<i>Fall</i>	
BME4531	3	Biomedical Imaging	
BME4882	3	Senior Design, Professionalism and Ethics 1	
BME Track	6		
Term Credits	12		
Term 10		<i>Spring</i>	
BME4883	3	Senior Design, Professionalism and Ethics 2	
BME Track	9		
Term Credits	12		
<b>Upper Div</b>	<b>72</b>		

BME Track: 15 credits of 3000/4000-level courses selected from approved lists (see advisor).