

BIOENGINEERING (BNG) MINOR GRADUATION CLEARANCE Date: _____ By: _____

Name: _____ SB ID #: _____

Email: _____ GPA: _____

Address _____

Transfer Institute: _____

ALL COURSES FOR THE MINOR IN BIOENGINEERING (BNG) MUST BE PASSED WITH A GRADE OF C OR HIGHER

Completion of the minor requires 21-23 credits:

Required Courses for each Track

<u>Course</u>	<u>Course Title</u>	<u>Grade</u>
BME 100	Introduction to Biomedical Engineering	
ESG 111, ESE 124, or CSE 130	C-Programming for Engineers	
UPPER DIVISION COURSES		
One Advanced Biology Lecture Course		
One Advanced Biology Laboratory Course		

SPECIALIZATION TRACKS

BIOMATERIALS/BIOMECHANICS

MEC 260	Engineering Statistics	
BME 303	Biomechanics	
AMS 261, MAT 203, OR MAT 205	CALCULUS III	
BME 304 or BME 381	H Genetic Engineering or Nanofabrication in Biomedical Operations	

BIOELECTRICITY

ESE 271	Electrical Circuit Analysis I	
BME 301	Bioelectricity	
AMS 210 or MAT 211	Linear Algebra	
BME 313	Bioinstrumentation	

MOLECULAR/CELLULAR

BME 304	H- Genetic Engineering	
BME 381	Nanofabrication in Biomedical Applications	
PICK TWO:		
BME 404	Essentials of Tissue Engineering	
BME 402	Contemporary Biotechnology	
BME 371	Biological Microfluids	

CLEARANCE:

_____ Cleared (All requirements completed)

_____ Not Cleared

Missing or Conditions: _____