

Department of Chemical, Biological, and Bioengineering
Bachelor of Science in Bioengineering (General)
Major Code: BIEN

Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
GEEN 111	1	ENGL 101	3
ENGL 100	3	BIOL 101	4
CHEM 106	3	PHYS 241	3
CHEM 116	1	PHYS 251	1
MATH 131	4	MATH 132	4
GEEN 100	2	GEEN 121	1
Semester Total	14	Semester Total	16
Sophomore Year: First Semester		Sophomore Year: Second Semester	
Social and Behavioral Science	3	Humanities and Fine Arts	3
BMEN 220	3	MATH 341	3
MATH 231	4	CHEM 218	3
MEEN 104	2	CHEM 221	3
CHEM 107	3	CHEM 223	1
CHEM 117	1	GEEN 161	2
Semester Total	16	Semester Total	15
Junior Year: First Semester		Junior Year: Second Semester	
BMEN 310	3	BMEN 320	3
CHEM 300	3	BMEN 325	2
MEEN 230	3	ECEN 340	3
BIOL 301	4	BMEN 311	3
PHYS 242	3	BMEN 321	3
PHYS 252	1	BMEN 322	3
Semester Total	17	Semester Total	17
Senior Year: First Semester		Senior Year: Second Semester	
Global Awareness	3	African, American Culture and History	3
BMEN 480	3	BMEN 481	3
BMEN 411	3	Advance Engineering Elective	3
CHEM 312	4	Advance Science or Engineering Elective	3
Semester Total	13	Semester Total	12

Total Credit Hours: 120

MAJOR PROGRAM REQUIREMENTS

Students must earn a C- grade or better in the following courses:

BIOL 101	MATH 131
BMEN 220	MATH 132
PHYS 241	MATH 231