

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

Curriculum Guide Effective 2019-2020

Course	CR	Course	CR
<b>Freshman Year: First Semester</b>		<b>Freshman Year: Second Semester</b>	
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
<b>Semester Total</b>	<b>14</b>	<b>Semester Total</b>	<b>16</b>
<b>Sophomore Year: First Semester</b>		<b>Sophomore Year: Second Semester</b>	
Social / Behavioral Science	3	Humanities / Fine Arts	3
BMEN 220	3	MATH 341	3
MATH 231	4	CHEN 218	3
MEEN 104	2	CHEM 221	3
CHEM 107	3	CHEM 223	1
CHEM 117	1	GEEN 161	2
<b>Semester Total</b>	<b>16</b>	<b>Semester Total</b>	<b>15</b>
<b>Junior Year: First Semester</b>		<b>Junior Year: Second Semester</b>	
BMEN 310	3	BMEN 320	3
CHEN 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
<b>Semester Total</b>	<b>17</b>	<b>Semester Total</b>	<b>17</b>
<b>Senior Year: First Semester</b>		<b>Senior Year: Second Semester</b>	
Global Awareness	3	African, American Culture / History	3
BMEN 480	3	BMEN 481	3
BMEN 411	3	Advance Engineering Elective	3
CHEN 312	4	Advance Science or Engineering Elective	3
<b>Semester Total</b>	<b>13</b>	<b>Semester Total</b>	<b>12</b>

**Total Credit Hours: 120**