

Department of Natural Resources and Environmental Design
 Bachelor of Science in Biological Engineering (Bioprocess Engineering Track)
 Major Code: BLEN

Curriculum Guide Effective 2019-2020

| Course | CR | Course | CR |
|---------------------------------------|-----------|--|-----------|
| Freshman Year: First Semester | | Freshman Year: Second Semester | |
| GEEN 111 | 1 | BIOE 121 | 1 |
| ENGL 100 | 3 | ENGL 101 | 3 |
| CHEM 106 | 3 | CHEM 107 | 3 |
| CHEM 116 | 1 | MATH 132 | 4 |
| MATH 131 | 4 | PHYS 241 | 3 |
| GEEN 100 | 2 | PHYS 251 | 1 |
| Semester Total | 14 | CHEM 117 | 1 |
| | | Semester Total | 16 |
| Sophomore Year: First Semester | | Sophomore Year: Second Semester | |
| MEEN 230 | 3 | African/American Studies Elective | 3 |
| MATH 231 | 4 | BIOL 101 | 4 |
| PHYS 242 | 3 | CAEE 334 | 2 |
| PHYS 252 | 1 | CHEM 221 | 3 |
| Humanities Elective | 3 | CHEM 223 | 1 |
| GEEN 161 | 2 | MATH 341 | 3 |
| BIOE 200 | 1 | Semester Total | 16 |
| Semester Total | 17 | | |
| Junior Year: First Semester | | Junior Year: Second Semester | |
| CHEN 200 | 4 | BIOL 221 | 4 |
| ISEN 260 | 2 | MEEN 260 | 2 |
| CAEE 362 | 3 | BIOE 320 | 3 |
| MEEN 241 | 3 | Global Studies Elective | 3 |
| BIOE 340 | 3 | BIOE 350 | 3 |
| Semester Total | 15 | Semester Total | 15 |
| Senior Year: First Semester | | Senior Year: Second Semester | |
| Statistics Elective | 3 | BIOE 425 | 3 |
| BIOE 422 | 3 | BIOE 423 | 3 |
| ECEN 340 | 3 | BIOE 496 | 2 |
| BIOE 434 | 3 | BIOE Elective | 3 |
| BIOE 495 | 1 | Social Behavioral Science Elective | 3 |
| Semester Total | 13 | Semester Total | 14 |

Total Credit Hours: 120