

Department of Chemical, Biological, and Bioengineering
 Bachelor of Science in Chemical Engineering
 Major Code: CHEN

Curriculum Guide Effective 2019-2020

| Course | CR | Course | CR |
|---------------------------------------|-----------|--|-----------|
| Freshman Year: First Semester | | Freshman Year: Second Semester | |
| GEEN 111 | 1 | CHEN 121 | 1 |
| ENGL 100 | 3 | ENGL 101 | 3 |
| MATH 131 | 4 | MATH 132 | 4 |
| CHEM 106 | 3 | BIOL 101 | 4 |
| CHEM 116 | 1 | PHYS 241 | 3 |
| GEEN 100 | 2 | PHYS 251 | 1 |
| Semester Total | 14 | Semester Total | 16 |
| Sophomore Year: First Semester | | Sophomore Year: Second Semester | |
| Social / Behavioral Sciences | 3 | Humanities / Fine Arts | 3 |
| MATH 231 | 4 | CHEN 226 | 3 |
| CHEM 107 | 3 | MATH 341 | 3 |
| CHEM 117 | 1 | CHEM 221 | 3 |
| CHEN 200 | 4 | CHEM 223 | 1 |
| MEEN 260 | 2 | CHEN 218 | 3 |
| Semester Total | 17 | Semester Total | 16 |
| Junior Year: First Semester | | Junior Year: Second Semester | |
| Global Awareness | 3 | CHEN 320 | 3 |
| CHEN 300 | 3 | CHEN 330 | 2 |
| CHEN 312 | 4 | CHEN 340 | 3 |
| CHEM 441 | 3 | MEEN 230 | 3 |
| PHYS 242 | 3 | ECEN 340 | 3 |
| PHYS 252 | 1 | Semester Total | 14 |
| Semester Total | 17 | | |
| Senior Year: First Semester | | Senior Year: Second Semester | |
| CHEN 430 | 3 | CHEN 440 | 3 |
| CHEN 400 | 3 | CHEN 448 | 3 |
| CHEN 410 | 2 | CHEN Elective | 3 |
| CHEN 422 | 3 | Advanced CHEM Elective | 3 |
| African American Culture / History | 3 | Semester Total | 12 |
| Semester Total | 14 | | |

Total Credit Hours: 120