

# Chemistry (BS) Four-Year Plan

## Chemistry - Bachelor of Science 2020-21 Four-Year Plan

### Freshman

| First Term                                      | Hours | Second Term   | Hours |
|---|-------|---|-------|
| CHEM 121N and<br>CHEM 122N                      | 4     | CHEM 123N and<br>CHEM 124N or<br>CHEM 125                                       | 4     |
| MATH 163  | 3     | MATH 211  | 4     |
| ENGL 110C<br>(Grade of C or<br>better required) | 3     | ENGL 211C or<br>ENGL 221C or<br>ENGL 231C<br>(Grade of C or<br>better required) | 3     |
| Human Creativity                                | 3     | Philosophy and<br>Ethics  | 3     |
|   | 13    |   | 14    |

### Sophomore

| First Term               | Hours | Second Term                             | Hours |
|--------------------------|-------|---|-------|
| CHEM 211 and<br>CHEM 212 | 5     | CHEM 213 AND<br>CHEM 214 or<br>CHEM 216 | 5     |
| MATH 212                 | 4     | CHEM 321 and<br>CHEM 322                | 5     |
| PHYS 231N                | 4     | PHYS 232N                               | 4     |
| Elective*                | 3     | Elective*                               | 2     |
|                          | 16    |   | 16    |

### Junior

| First Term                          | Hours | Second Term   | Hours |
|-------------------------------------|-------|---|-------|
| CHEM 331                            | 3     | CHEM 333  | 3     |
| CHEM 332W (C or<br>better required) | 2     | CHEM 334W   | 2     |
| CHEM 351                            | 3     | CHEM 415 or<br>CHEM 439 or<br>CHEM 443 or<br>CHEM 451               | 3     |
| CHEM 441                            | 3     | COMM 101R   | 3     |
| CHEM 352 or<br>CHEM 442W            | 2-4   | Literature  | 3     |
| Impact of<br>Technology             | 3     | Information<br>Literacy and<br>Research (Can be<br>met by CHEM 125) | 0-3   |
|                                     | 16-18 |   | 14-17 |

### Senior

| First Term  | Hours | Second Term              | Hours |
|---|-------|--------------------------|-------|
| CHEM 415 or<br>CHEM 439 or<br>CHEM 443 or<br>CHEM 451 | 3     | CHEM 421 and<br>CHEM 422 | 6     |
| Interpreting the<br>Past                              | 3     | CHEM 485                 | 1     |

|  |    |   |    |
|--|----|---|----|
| Human Behavior   | 3  | Upper-Division<br>General Education<br>Course (Option D)                                    | 3  |
| Elective or<br>Language &<br>Culture I (May<br>be waived; See<br>requirement<br>details) | 3  | Elective or<br>Language and<br>Culture II (May<br>be waived; See<br>requirement<br>details) | 3  |
| Upper-Division<br>General Education<br>Course (Option D)                                 | 3  | Elective*   | 3  |
|  | 15 |   | 16 |

Total credit hours: 120-125

\*This is a suggested curriculum plan to complete this degree program in four years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.