

B.A. Chemistry Degree

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes.

First Year

Fall

| Course | Credit |
|--|-----------|
| CH 1150 University Chemistry I AND | 3 |
| CH 1151 University Chemistry Lab 1 AND | 1 |
| CH 1153 University Chemistry I Recitation OR | 1 |
| CH 1112 University Chem-Studio Lab I | 5 |
| CH 1130 PFDC 1: Orientation | 1 |
| PH 1110 College Physics 1 | 3 |
| PH 1111 College Physics 1 Lab | 1 |
| UN 1015 Composition | 3 |
| Free Elective | 3 |
| Total | 16 |

Spring

| Course | Credit |
|---|-----------|
| CH 1160 University Chemistry II AND | 3 |
| CH 1161 University Chemistry Lab II. AND | 1 |
| CH 1163 University Chemistry II Recitation OR | 1 |
| CH 1122 University Chem-Studio Lab II | 5 |
| PH 1200 Physics by Inquiry 2 | 1 |
| PH 1210 College Physics 2 | 3 |
| UN 1025 Global Issues | 3 |
| Free Electives | 3 |
| Total | 15 |

Second Year

Fall

| Course | Credit |
|---------------------------------------|-----------|
| CH 2130 PDFC 2: Career Planning | 2 |
| CH 2430 Mechanistic Organic Chemistry | 3 |
| CH 2411 Organic Chemistry 1 Lab | 1 |
| MA 1160 Calculus by Technology 1 | 4 |
| General Education Core Selection | 3 |
| Free Elective | 3 |
| Total | 16 |

Spring

| Course | Credit |
|-------------------------------------|-----------|
| CH 2212 Quantitative Analysis | 5 |
| CH 2440 Synthetic Organic Chemistry | 3 |
| CH 2421 Organic Chemistry Lab 2 | 2 |
| General Education Core Selection | 3 |
| Free Elective | 3 |
| Total | 16 |

Third Year

Fall

| Course | Credit |
|----------------------------------|-----------|
| CH 4710 Biomolecular Chemistry 1 | 3 |
| General Education HASS Elective | 3 |
| Major-Approved Elective | 3 |
| Free Electives | 6 |
| Total | 15 |

Spring

| Course | Credit |
|--|-----------|
| CH 3130 PDFC 3: Communication | 1 |
| CH 3500 Principles of Physical Chemistry | 3 |
| General Education HASS Elective | 3 |
| Free Electives | 6 |
| Total | 13 |

Fourth Year

Fall

| Course | Credit |
|---------------------------------|-----------|
| Major-Approved Elective | 3 |
| General Education HASS Elective | 3 |
| Free Electives | 9 |
| Total | 15 |

Spring

| Course | Credit |
|---------------------------------|-----------|
| CH 4130 PDFC 4: Senior Seminar | 2 |
| General Education HASS Elective | 3 |
| Major-Approved Elective | 3 |
| Free Electives | 6 |
| Total | 14 |

Grand Total = 120 Credits

NOTE: 3 Units of co-curricular activities are required (P.E. courses are taught in 0.5-unit classes. Thus, 6 of these are needed for 3 units). It is highly recommended that students take at least one P.E. class during each semester of their first year, if possible.