

Bachelor of Science, Chemistry Major

Custom Chemistry Concentration

| | |
|---------------------------------|---|
| CHEMISTRY (41 hrs) | |
| 1110 General Chemistry I | 4 |
| 1120 General Chemistry II | 4 |
| 1500 First-Year Connections | 1 |
| 2010 Intro Inorganic Chemistry | 3 |
| 3010 Organic Chemistry I | 4 |
| 3020 Organic Chemistry II | 4 |
| 3410 Quantitative Analysis | 4 |
| 3420 Analytical Applications | 3 |
| 3500 Elements of Physical Chem. | 3 |
| 4910 Chemistry Seminar | 2 |
| Advanced Chemistry Courses | 9 |
| (Approved by advisor) | |
| | |
| | |

| | |
|-------------------------|---|
| BIOLOGY (8 hrs) | |
| 1113 General Biology I | 4 |
| 1123 General Biology II | 4 |

| | |
|------------------------------|---|
| MATHEMATICS (7 hrs) | |
| 1530 Introductory Statistics | 3 |
| 1910 Calculus I | 4 |

| | |
|-------------------------------|---|
| PHYSICS (8 hrs) | |
| 2010 Algebra-Based Physics I | 4 |
| 2020 Algebra-Based Physics II | 4 |
| | |
| | |
| | |

| | |
|-----------------------------|---|
| ENGLISH (6 hrs) | |
| 1010 English Composition I | 3 |
| 1020 English Composition II | 3 |

| | |
|---------------------------|---|
| HUMANITIES (9 hrs) | |
| Literature | 3 |
| | 3 |
| | 3 |

| | |
|------------------------|---|
| HISTORY (6 hrs) | |
| 2010 Early US History | 3 |
| 2020 Modern US History | 3 |

| | |
|-------------------------------|---|
| SOCIAL SCIENCE (6 hrs) | |
| | 3 |
| | 3 |

| | |
|------------------------------|---|
| COMMUNICATION (3 hrs) | |
| | 3 |

| | |
|--|-----|
| Technical Requirements (14 hrs) | |
| (Approved by advisor) | |
| | |
| | |
| | |
| | |
| Electives (9-11 hrs) | |
| | |
| TOTAL | 120 |

Bachelor of Science, Chemistry Major Custom Chemistry Concentration

| FRESHMAN YEAR | | | |
|-----------------------|---------------|-------------------------------------|--------------|
| DISC | NUMBER | SUBJECT | HOURS |
| CHEM | 1110,1120 | General Chemistry I,II | 8 |
| CHEM | 1500 | First-Year Connections/Advisement | 1 |
| BIOL | 1113,1123 | General Biology I,II | 8 |
| MATH | 1910 | Calculus I | 4 |
| ENGL | 1010,1020 | English Composition I,II | 6 |
| GE/HUM | ----- | Humanities | 3 |
| | | TOTAL | 30 |
| SOPHOMORE YEAR | | | |
| DISC | NUMBER | SUBJECT | HOURS |
| CHEM | 2010 | Introduction to Inorganic Chemistry | 3 |
| CHEM | 3410,3420 | Quant. Analysis, Analytical Appl'ns | 7 |
| PHYS | 2010,2020 | Algebra-Based Physics I,II | 8 |
| MATH | 1530 | Introductory Statistics | 3 |
| DTR | ----- | Technical Requirement* | 4 |
| GE/SS | ----- | Social Science | 3 |
| GE/COM | COMM or PC | 2025 or 2500 | 3 |
| | | TOTAL | 31 |
| JUNIOR YEAR | | | |
| DISC | NUMBER | SUBJECT | HOURS |
| CHEM | 3010,3020 | Organic Chemistry I,II | 8 |
| CHEM | 3500 | Elements of Physical Chemistry | 3 |
| HIST | 2010,2020 | Early and Modern US History | 6 |
| ENGL | ----- | Literature 2130, 2235 or 2330 | 3 |
| GE/SS | ----- | Social Science | 3 |
| DTR | ----- | Technical Requirements* | 6 |
| | | TOTAL | 29 |
| SENIOR YEAR | | | |
| DISC | NUMBER | SUBJECT | HOURS |
| CHEM | 4910 | Chemistry Seminar | 2 |
| CHEM | 4XXX | Advanced CHEM Courses (see advisor) | 9 |
| GE/HUM | ----- | Humanities | 3 |
| DTR | ----- | Technical Requirement* | 4 |
| ELEC | ----- | Electives | 12 |
| | | TOTAL | 30 |

* Technical Requirements, see previous page