



CHEMISTRY
ASSOCIATE OF SCIENCE

| GENERAL EDUCATION REQUIREMENTS | CREDIT HOURS |
|--|---------------------|
| COMMUNICATION | 9 |
| ENGL 1010: English Composition I | 3 |
| ENGL 1020: English Composition II | 3 |
| COMM 2025: Fundamentals of Communication or any approved speech/communication general education course | 3 |
| HUMANITIES & FINE ARTS (minimum 1 course in literature) | 9 |
| Any approved humanities or fine arts general education course | 3 |
| Any approved humanities or fine arts general education course | 3 |
| (literature) Any approved humanities literature general education course | 3 |
| SOCIAL/BEHAVIORAL SCIENCES | 6 |
| Any approved Social/Behavioral Sciences general education course | 3 |
| Any approved Social/Behavioral Sciences general education course | 3 |
| HISTORY | 6 |
| Any approved History general education course | 3 |
| Any approved History general education course | 3 |
| NATURAL SCIENCES | 8 |
| CHEM 1110: General Chemistry I | 4 |
| CHEM 1120: General Chemistry II | 4 |
| MATHEMATICS | 3 |
| MATH 1720: Precalculus Trigonometry or MATH 1730: Precalculus or MATH 1910: Calculus I | 3 or 4 |
| GENERAL EDUCATION TOTAL | 41 or 42 |
| AREA OF EMPHASIS REQUIREMENTS (Major) | |
| MATH 1910: Calculus I or MATH 1920: Calculus II* | 4 |
| CHEM 2010: Organic Chemistry I | 4 |
| CHEM 2020: Organic Chemistry II | 4 |
| PHYS 2010: Non-Calculus Physics I or PHYS 2110: Calculus - Based Physics I** | 4 |
| PHYS 2020: Non-Calculus Physics II or PHYS 2120: Calculus -Based Physics II** | 4 |
| FOREIGN LANGUAGE | 0 |
| ELECTIVES (unspecified) | |
| AREA OF EMPHASIS REQUIREMENTS & ELECTIVES TOTAL | 20 |
| DEGREE TOTAL | 60+ |

NOTES:

* All Chemistry majors must complete Calculus I and II. This sequence may be completed at the community college or at the university

** For Professional Chemistry programs and specific concentrations in Chemistry, PHYS 2110/2120 Calculus-based Physics I & II are required. Check with the university to which you plan to transfer for specific requirements

NOTE: Students transferring to the University of Tennessee, Knoxville will also have to meet the foreign language requirement either prior to or when they attend UT. This can be met prior to attending UT by completing 2000-level competency in a foreign language, by completing FREN 2020, GERM 2020 or SPAN 202