

Bachelor of Science – Chemistry

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| Liberal Studies: As outlined in the Liberal Studies section with the following specifications: Mathematics: MATH 125 Natural Sciences: PHYS 131-141 and 132-142 Liberal Studies Elective: MATH 126 | | 44 |
| Major: Required Courses: | | 50 |
| CHEM 111 (General Chemistry I) or CHEM 113 (Advanced General Chemistry I) | | 4 |
| CHEM 112 (General Chemistry II) or CHEM 114 (Advanced General Chemistry II) | | 4 |
| CHEM 214 | Intermediate Inorganic Chemistry | 3 |
| CHEM 231 | Organic Chemistry I | 4 |
| CHEM 232 | Organic Chemistry II | 4 |
| CHEM 290 | Chemistry Seminar I | 1 |
| CHEM 325 | Analytical Chemistry I | 4 |
| CHEM 326 | Analytical Chemistry II | 4 |
| CHEM 341 | Physical Chemistry I | 4 |
| CHEM 343 | Physical Chemistry Laboratory I | 1 |
| CHEM 342 | Physical Chemistry II | 3 |
| CHEM 344 | Physical Chemistry Laboratory II | 1 |
| CHEM 390 | Chemistry Seminar II | 1 |
| CHEM 411 | Advanced Inorganic Chemistry | 3 |
| CHEM 490 | Chemistry Seminar III | 1 |
| CHEM 498 | Problems in Chemistry (1) | 2 |
| BIOC 301 | Foundations of Biochemistry | 3 |
| Controlled Electives: | | |
| At least 3cr additional CHEM or BIOC at or above the 300-level | | 3 |
| Other Requirements: | | 10 |
| BIOL 202 | Principles of Cell & Molecular Biology | 4 |
| MATH 225 | Calculus III for Physics, Chemistry, and Mathematics | 3 |
| One course from the following: MATH 171, 216, 241 | | 3 |
| Free Electives: (1) | | 16 |
| Total Degree Requirements: | | 120 |

- (1) Program contains one writing-intensive course (CHEM 343). Students may elect to take CHEM 498 as a writing-intensive section, or acquire another W-course in Liberal Studies, or as a free elective.