

Chemistry, B.S.

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|---|---|----------------|
| Freshman | | |
| Fall | Credits Spring | Credits |
| CHEM 177 or CHEM 201(F) ^{1,2} | 4-5 CHEM 178 ^{1,2} | 3 |
| CHEM 177N or CHEM 201L ^{2,F} | 1 CHEM 211 | 2 |
| CHEM 101 (required for LC members) | 1 CHEM 211L | 2 |
| MATH 165 | 4 CHEM 101 | 1 |
| ENGL 150 | 3 MATH 166 | 4 |
| LIB 160 | 1 Electives | 3 |
| Electives | | |
| | 14-15 | 15 |
| Sophomore | | |
| Fall | Credits Spring | Credits |
| CHEM 331 | 3 CHEM 332 | 3 |
| CHEM 333L ^{2,F} | 2 CHEM 334L ^{2,S} | 2 |
| CHEM 110 ^F | 1 PHYS 222 | 5 |
| MATH 265 | 4 ENGL 250 | 3 |
| PHYS 221 | 5 Electives | 3 |
| Electives | | |
| | 15 | 16 |
| Junior | | |
| Fall | Credits Spring | Credits |
| CHEM 325 or CHEM 324 | 3 CHEM 325 or CHEM 324 | 3 |
| CHEM 316 ^F | 2 CHEM 322L ^S | 3 |
| CHEM 316L ^F | 2 CHEM 301 ^S | 2 |
| Foreign Language - first semester of any foreign language accepted ³ | 4 Foreign Language - second semester ³ | 4 |
| Electives | 5 CHEM 550 (strongly recommended) ^S | 1 |
| | Electives | 3 |
| | 16 | 16 |
| Senior | | |
| Fall | Credits Spring | Credits |
| CHEM 402 ^F | 3 CHEM 401L ^S | 1 |
| ENGL 314 | 3 Advanced Chemistry ^{5,6} | 4-5 |
| Electives | 9 BBMB 301 (strongly recommended) | 3 |
| | CHEM 399 (strongly recommended) crs-variable | |
| | Electives | 6 |
| | 15 | 14-15 |

Total Credits: 121-123

- ¹ Advanced high school chemistry and strong algebra skills are necessary for success in CHEM 201. Math ACT of 24 or greater is strongly recommended.
- ² Students may substitute the following courses, if necessary:
 - CHEM 201 for 177 and 178;
 - CHEM 177I for 177N or 201L
 - CHEM 331I and 332L for 333L and 334L; however, this substitution may result in a program which is deficient in the laboratory experience recommended by the American Chemistry Society.
- ³ Completion of three years of foreign language in high school fulfills this requirement.
- ⁴ The completion of two courses (minimum of 2 credits each) are required to meet this requirement. (In addition to advanced Chemistry courses, certain courses in Biochemistry-Biophysics, Chemical Engineering, Computer Science, Mathematics and Materials Science and Engineering are acceptable.) Up to four credits in undergraduate research (CHEM 339 and/or 499) can be counted as one of the two advanced chemistry courses. CHEM 550 may not be used to satisfy the Advanced Chemistry requirement.
- ⁵ The program as listed above meets the standard for a certified degree of the American Chemical Society's Committee on Professional Training if BBMB 301 or 404 is one of the Advanced Chemistry Courses.
- ^F Class offered Fall Semester only.
- ^S Class offered Spring Semester only.