

Degree Requirements for the B.A. in Chemistry

The B.A. in Chemistry requires at least 120 credit hours, including at least 55 credit hours of chemistry requirements (listed below in a checklist format).

General Chemistry

Course	Semester Taken	Year Taken	Credits
CHEM 111 or 121			3
CHEM 112 or 122 or 201			3
CHEM 113 or 123			1
CHEM 114 or 124 or 205			1

Chemistry Foundation

Course	Semester Taken	Year Taken	Credits
CHEM 211 or 219			3
CHEM 301 or 302 or BIOS 352			3
CHEM 301 or 302 or BIOS 352			3
CHEM 330			3
CHEM 360			3
BIOC 301			3

*BIOC 201 is a prerequisite for BIOC 301, but the Biosciences Department confirmed that CHEM majors are waived from the BIOC 201 prerequisite. Students need to special register for BIOC 301.

Mathematics*

Course	Semester Taken	Year Taken	Credits
MATH 101 or 105			3
MATH 102 or 106			3
MATH 212 or 222			3

*The Department of Mathematics may, after consultation with a student concerning his/her previous math preparation, recommend that a student be placed into a higher level math course than that for which the student has received official credit. The Department of Chemistry will accept this waiver of the math classes upon a written confirmation of the waiver from the Department of Mathematics and upon the student's successful completion of the higher level math course. Note: MATH 211 is encouraged for students interested in graduate study.

Physics

Course	Semester Taken	Year Taken	Credits
PHYS 101 or 111 or 125			4
PHYS 102 or 112 or 126			4

Advanced Laboratories (Complete 3 of 5)

Course	Semester Taken	Year Taken	Credits
CHEM 365			2
CHEM 366			2
CHEM 367			2
CHEM 368			2
BIOC 311			2

Advanced Coursework (Six Credit Hours)

Six (6) credit hours of additional advanced coursework in chemistry. For purposes of this requirement, "advanced coursework" includes chemistry courses at the 400-level or higher. CHEM 313/314 or CHEM 320 or BIOC 302 counts as "advanced coursework" for purposes of this requirement. Courses in other departments with substantial chemistry content may count toward this requirement with approval of the Director of the Undergraduate Studies (Dr. Jeffrey Hartgerink).

Course	Semester Taken	Year Taken	Credits