

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 151/121/111			3
CHEM 152/122/112			3
CHEM 153/123/113			1
CHEM 154/124/114			1

Chemistry Foundation

Course	Semester Taken	Year Taken	Credits
CHEM 211			3
CHEM 301/302 /BIOC 352			3
CHEM 301/302 /BIOC 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 101/105			3
MATH 102/106			3
MATH 212/222			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 101/111/125			4
PHYS 102/112/126			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 *Complete Six (6) 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 212 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 Program.

Course	Semester Taken	Year Taken	Credits