

CHEMISTRY, B.A.

The B.A. chemistry degree is an excellent choice for students who value preparation in chemistry but prefer the flexibility to explore advised electives in other fields. Many students complete a B.A. chemistry degree when obtaining a double major with biology. This degree is not ACS certified.

Code	Title	Credits
General Education Requirement (http://catalog.niagara.edu/undergraduate/curriculum/foundation-courses/)		
PHY 121 & PHY 123L	General Physics and General Physics	4
MAT 111	Calculus I	4
MAT 112	Calculus II	4
Major Requirement		
CHE 111 & CHE 113L	General Chemistry I and General Chemistry Laboratory I ²	4
CHE 112 & CHE 114L	General Chemistry II and General Chemistry Laboratory II ²	4
CHE 221 & CHE 223L	Organic Chemistry I and Organic Chemistry Laboratory I ²	4
CHE 222 & CHE 224L	Organic Chemistry II and Organic Chemistry Laboratory II ²	4
CHE 227 & CHE 229L	Analytical Chemistry and Analytical Chemistry Laboratory	4
<i>Chemistry Electives</i> ³		
Select nine credits of the following:		9
CHE 467 & CHE 469	Career Seminar and Written and Oral Reports	
CHE 449L & CHE 450L	Senior Research and Senior Research	
PHY 122 & PHY 124L	General Physics and General Physics	
<i>Other Courses</i>		
Advised electives		21
Total Credits		62

¹ All Niagara University students entering as freshmen are required to take the one credit Niagara University Beginning seminar course (NUB 102 NU Beginnings) in addition to the 20 general education requirements.

² Candidates for the B.A. chemistry degree must complete at least six credit hours of laboratory. To fulfill the requirement for a laboratory course unit students must complete the following required laboratories: CHE 113L General Chemistry Laboratory I, CHE 114L General Chemistry Laboratory II, CHE 223L Organic Chemistry Laboratory I and CHE 224L Organic Chemistry Laboratory II. Ordinarily, the laboratory work will be taken at the same time that the student covers the related work in lecture.

³ No 100-level courses may be used as chemistry electives.