

Chemistry Major

A **Chemistry major** completes at least 42 credits of chemistry coursework, which must include CHEM 111, 112, 271, 331, 375, 431, 435 and 496, and 12 credits of Chemistry electives with course numbers above 200. Chemistry majors are also required to complete MATH 231 and 232, CPSC 111, and PHYS 231 and 232. Students preparing for graduate study in chemistry are also advised to complete MATH 233, 331, and 431.

Program: Chemistry

Type: Major

Required Courses

Required Courses

Item #	Title	Credits
CHEM 111	General Chemistry I	4
CHEM 111	General Chemistry I Laboratory	1
CHEM 112	General Chemistry II	4
CHEM 112	General Chemistry II Laboratory	1
CHEM 271	Organic Chemistry I	3
CHEM 271	Organic Chemistry I Laboratory	1
CHEM 331	Quantitative Analysis	3
CHEM 331	Quantitative Analysis Laboratory	1
CHEM 375	Biochemistry	3
CHEM 375	Biochemistry Laboratory	1
CHEM 431	Physical Chemistry I	3
CHEM 431	Physical Chemistry I Laboratory	1
CHEM 435	Inorganic Chemistry	3
CHEM 496	Seminar	1
CPSC 111	Introduction to Computer Science	3
MATH 231	Calculus I	4
MATH 232	Calculus II	4
PHYS 231	Engineering Physics I	4
PHYS 231	Engineering Physics Laboratory I	1
PHYS 232	Engineering Physics II	4
PHYS 232	Engineering Physics II Laboratory	1

Choose 12 credits of Chemistry electives 200-level or higher.

Total credits:

63