

Chemistry: Pre-Medical Track

Students in the **Pre-Medical Chemistry track** complete at least 42 credits of chemistry coursework, which must include CHEM 111, 112, 271, 272, 331, 375, 431, 435 and 496, and 8 credits of Chemistry electives with course numbers above 200. They are also required to complete BIOL 200, 311, 312, 335 and 338, MATH 231 and 232, CPSC 111, and PHYS 231 and 232

Program: Chemistry

Type: Track

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 272	Organic Chemistry II	3
CHEM 272	Organic Chemistry II 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
BIOL 200	General Biology	3
BIOL 200	General Biology Laboratory	1
BIOL 311	Human Anatomy and Physiology	3
BIOL 311	Human Anatomy and Physiology Laboratory	1
BIOL 312	Human Anatomy and Physiology II	3
BIOL 312	Human Anatomy and Physiology II Laboratory	1
BIOL 335	Microbiology	3
BIOL 335	Microbiology Laboratory	1
BIOL 338	Molecular and Classical Genetics	3
BIOL 338	Molecular and Classical Genetics Laboratory	1

Choose 8 credits of Chemistry electives 200-level or higher.

Total credits:

83
