

Major: Chemistry (B.S.)

Chemistry Major (B.S., 43-44 hours)

Courses	
CHEM 051 Chemical Principles and CHEM 051L Chemical Principles Laboratory	4 hours
CHEM 120 Organic Chemistry I and CHEM 120L Organic Chemistry I Laboratory	4 hours
CHEM 121 Organic Chemistry II: Synthesis and Mechanisms and CHEM 121L Organic Chemistry II Laboratory	4 hours
CHEM 122 Analytical and Inorganic Chemistry and CHEM 122L Analytical and Inorganic Chemistry Laboratory	4 hours
CHEM 130 Organic Chemistry III: Intermediate Organic Chemistry	2 hours
CHEM 221 Physical Chemistry I, Thermodynamics and Kinetics and CHEM 221L Physical Chemistry Laboratory	4 hours
CHEM 222 Physical Chemistry II, Quantum Chemistry and Spectroscopy and CHEM 222L Physical Chemistry Laboratory	4 hours
CHEM 231 Inorganic Chemistry and CHEM 231L Inorganic Chemistry Lab	4 hours
CHEM 242 Instrumental Methods of Analysis	4 hours
CHEM 252 Advanced Organic Chemistry	4 hours
CHEM 255 Biochemistry	3 hours
CHEM 293 Chemistry Seminar	1 hours
Senior Comprehensive:	
CHEM 295 Independent Study	1 hours

An approved supporting program of 27 hours selected from biology, computer science, modern languages, mathematics, and physics is required and may include one or more minors. [PHYS 101 Principles of Physics I](#) or [PHYS 111 General Physics I](#), [PHYS 102 Principles of Physics II](#) or [PHYS 112 General Physics II](#), [MATH 105 Calculus I](#) and [MATH 106 Calculus II](#) are required.