

CHEMISTRY, B.S.

Students graduating with a major in Chemistry will be able to:

- Demonstrate knowledge of basic principles and theories in analytical, organic, physical chemistry, inorganic, and biochemistry
- Apply chemical principles through problem solving and laboratory experimentation
- Demonstrate competency in use of sophisticated laboratory instruments

Code	Title	Hours
BIOL 150	Introduction to Biology I: Cells	4
BIOL 360	Biochemistry	3
CHEM 150	Introduction to Chemistry I	4
CHEM 152	Introduction to Chemistry II	4
CHEM 201	Organic Chemistry I	4
CHEM 202	Organic Chemistry II	4
CHEM 250	Inorganic Chemistry	3
CHEM 301	Physical Chemistry I	3
CHEM 302	Physical Chemistry II	3
CHEM 310	Analytical Chemistry	4
CHEM 401	Advanced Laboratory	3
CHEM 410	Instrumental Methods in Chemistry	3
CHEM 490	Chemistry Seminar	1
MATH 150	Precalculus	3
MATH 220	Calculus I	3
MATH 320	Calculus II	3
PHYS 151	Introduction to Mechanics	4
PHYS 251	Introduction to Electricity & Magnetism	4
Total Hours		60