



The Chemistry Department offers a challenging program of study providing the student with a strong foundation in the basic areas of chemistry necessary to pursue advanced study in graduate or professional school. The Chemistry program allows the student majoring in Chemistry the opportunity to earn a bachelor's degree, offer science majors to broaden the scope of their knowledge and increase their potential as scientists with a Chemistry minor, and non-science majors to satisfy the general core requirements. The department highly recommends a second major or minor in any of the following areas: Biology, Business Administration, Computer Information Systems, Criminal Justice, Economics, Mathematics, or Physics. The Chemistry Department also offers a bachelor's degree in Biochemistry and a concentration in Forensic Science.

-EVEN YEARS START

First Year

Fall	CR	Spring	CR
FRE150 First Year Exploration	1	Communication- Core	3
CHE111/111L General Chemistry I and Lab	4	CHE113/113L General Chemistry II and Lab	4
Fine Arts- Core	3	MAT115 Pre-calculus	3
ENG150 Literature, Writing and Research	3	Social Science- Core	3
History- Core	3	History- Core	3
Subtotal	14		16

Second Year

Fall	CR	Spring	CR
CHE220/220L Organic Chemistry I and Lab	4	CHE220/220L Organic Chemistry II and Lab	4
PHY121/121L Elements of Physics I and Lab*	4	PHY122/122L Elements of Physics II and Lab*	4
MAT151 Calculus and Analytical Geometry I	4	MAT152 Calculus and Analytical Geometry II	4
English 200 - Core	3	Elective	3
Subtotal	15	Subtotal	15

Third Year

Fall	CR	Spring	CR
CHE301 The Chemical Literature	1	Chemistry Elective**	4
CHE415/415L Instrumental Analysis and Lab	4	Chemistry Elective**	4
Foreign Language- Core	3	Foreign Language- Core	3
Social Science- Core	3	Theology- Core	3
Philosophy- Core	3		
Subtotal	14	Subtotal	14

Fourth Year

Fall	CR	Spring	CR
CHE313/313L Physical Chemistry I and Lab	4	Chemistry Elective**	4
Philosophy- Core	3	Senior Theology- Core	3
Theology- Core	3	Fine Arts- Core	3
Elective	3	Elective	3
Elective	3	Elective	3
Subtotal	16	Subtotal	16

Total Credits 120

* The General Physics sequence (PHY141/141L/142/142L) may be substituted for the Elements of Physics sequence. This is strongly recommended for those students interested in pursuing post-graduate studies.

** May use CHE304, CHE314/314L, CHE330/330L, CHE340/340L, CHE358/358L, CHE370, CHE385/385L, CHE411/412, CHE425, CHE435, or CHE455 as Chemistry elective credit.

Note: This course pattern applies to students entering under the 2021-22 Academic Catalog or later.