

Chemistry ACS-Certified Major (CHE)

Department: Chemistry

Type: ACS-Certified B.S.

Core Courses	46 hours
Required Course Selections	2 hours
Allied Courses	14 hours
Total	62

Core Courses

Item #	Title	Credit Hour(s)
CHE111	General Chemistry I	3
CHE111L	General Chemistry I Laboratory	1
CHE112	General Chemistry II	3
CHE113	General Chemistry II Lab	1
CHE201	Organic Chemistry I	3
CHE202	Organic Chemistry Lab I - Techniques and Synthesis	1
CHE211	Descriptive Inorganic Chemistry	3
CHE213	Descriptive Inorganic Chemistry Lab	1
CHE305	Analytical Chemistry	4
CHE309	Organic Chemistry II	3
CHE310	Organic Chemistry Lab II - Qualitative Analysis and Synthesis	1
CHE315	Spectroscopy	4
CHE325	Advanced Inorganic Chemistry Lab	1
CHE331	Physical Chemistry I	4
CHE332	Physical Chemistry II	3
CHE333	Physical Chemistry II Lab	1
CHE341	Biochemistry	3
CHE342	Biochemistry Lab	1
CHE400	Advanced Inorganic Chemistry	3
CHE450	Junior Seminar	1
CHE451	Senior Seminar	1

Required Course Selections

A research lab experience is required. This may be fulfilled with CHE440 Independent Research or a summer research experience.

Allied Courses

Item #	Title	Credit Hour(s)
MAT125	Calculus I	3
MAT225	Calculus II	3
PHY211	College Physics I	4
PHY212	College Physics II	4
Total credits:		62