

CHEMISTRY (ACS APPROVED CURRICULUM)

66 credits

Minimum grades required to progress through the Chemistry major are found [here](#).

Code	Title	Credits
General Chemistry Core (47 Credits)		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
CHE303	Introduction to Analytical Chemistry	4
CHE314	Inorganic Chemistry	3
CHE318 & CHE306	Organic Chemistry I and Organic Chemistry I Lab	4
CHE319 & CHE309	Organic Chemistry II and Organic Chemistry II Lab	4
CHE321	Physical Chemistry I ¹	3
CHE322	Physical Chemistry II ¹	3
CHE323	Experimental Physical Chemistry	3
BCM461	Biochemistry 1 (or a 400- or 500-level Chemistry course approved by the chair)	3
CHE415	Advanced Inorganic Chem Lab	1
CHE407	Instrumental Techniques	4
BCM461	Biochemistry 1 (unless taken with core courses above)	3
BCM463	Biochemistry Lab	1
CHE490	Senior Research in Chemistry	3
Chemistry Elective: One additional semester of advanced work selected from 400- and 500-level courses in chemistry. ²		3
Required Cognate Courses (19 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT341	Applied Mathematics I	3
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
Total Credits		66

¹ CHE321 and CHE322 have a corequisite 0-credit Physical Chemistry Recitation (CHE320).

² CHE495 Indep Study Chemistry and CHE494 Fieldwork In Chemistry do not meet this requirement.