

MAJOR IN CHEMISTRY, CONCENTRATION IN GREEN CHEMISTRY AND ENVIRONMENTAL CHEMISTRY

Requirements for a Major in Chemistry, Concentration in Green Chemistry and Environmental Chemistry

Code	Title	Credits
Core (46 credits)		
CH-120 & CH-121	General Chemistry I and General Chemistry II	8
CH-201 & CH-202	Organic Chemistry I (lecture) and Organic Chemistry II (lecture)	6
CH-203 & CH-204	Organic Chemistry Laboratory I and Organic Chemistry Laboratory II	4
CH-301 & CH-302	Physical Chemistry I (Lecture Only) and Physical Chemistry II (Lecture Only)	6
CH-260	Chemistry Literature Seminar	1
CH-303	Physical Chemistry Laboratory I	2
CH-210	Chemical Analysis: an Introduction to Modern Methods	5
CH-475	Chemistry Seminar	2
Plus a minimum of 12 credits at the 300 level or above, at least one of which must be a lab course. Internships and Independent Study may contribute no more than 3 credits toward this requirement.		12
Ancillary Courses (16 credits)		
MA-200 & MA-201	Calculus I and Calculus II	8
PY-241 & PY-242	Physics I (Mechanics) and Physics II (Electricity, Magnetism and Optics)	8
Concentration in Green Chemistry and Environmental Chemistry		(15-18 credits)
CH-320	Environmental Chemistry	4
CH-335	Green Chemistry	3
CH-480	Internship: Chemistry ¹	3
Select two of the following:		5-8
CH-330	Environmental Toxicology	
CH-410	Biochemistry I	
CH-470	Instrumental Analysis	
Total Credits		77-80

¹ In an appropriate topic for the concentration; may be substituted for one of the electives with departmental approval.

Students must earn a C- or higher in all prerequisite courses in order to register for a chemistry or ancillary course.