

Green Chemistry and Environmental Solutions, Academic Certificate

The Department of Chemistry offers an undergraduate-level academic certificate in Green Chemistry and Environmental Solutions. This program is a minimum of 12 semester credit hours (SCH) (6 SCH of required courses and a minimum of 6 SCH of electives) that is open to all majors and professionals who wish to strengthen their preparation for careers in sustainability, environmental laboratories, clean technology, or policy. Students must earn a grade of B or better in all certificate courses.

Code	Title	Semester Credit Hours
Required Courses		6
CHEM 4313	Chemistry and Nanoscience	
CHEM 4381	Selected Topics in Chemistry	
Elective Courses		6
CHEM 2401	Inorg Quantitative Analysis	
CHEM 3332	Physical Chemistry II	
CHEM 3385	Undergraduate Research (WI) ¹	
CHEM 4385	Senior Research (WI) ¹	
CHEM 4401	Mod Meth of Instrumental Anal	
Total Semester Credit Hours		12

Some of the above courses may have prerequisites. Please consult with your advisor prior to enrolling.

¹ Research must focus on environmental remediation, green synthesis, or sustainability metrics to count toward the academic certificate.