

CHEMISTRY MAJOR WITH AN AMERICAN CHEMICAL SOCIETY CERTIFICATION

Requirements

Chemistry major with American Chemical Society certified major requirements include:

Code	Title	Credits
Major Requirements (Basic)		
CHEM 231	General Chemistry I	4
CHEM 232	General Chemistry II	4
CHEM 294	Chemistry Colloquium (two credits are required, preferably taken each semester sophomore year)	2
CHEM 336	Inorganic Chemistry	4
CHEM 341	Organic Chemistry I	4
CHEM 342	Organic Chemistry II	4
CHEM 355	Introduction to Analytical Chemistry	2
CHEM 455	Advanced Analytical Chemistry I	2
or CHEM 457	Advanced Analytical Chemistry II	
CHEM 371	Physical Chemistry I	4
CHEM 494	Chemistry In Context	2
Beyond the basic major requirements:		
CHEM 372	Physical Chemistry II	2
CHEM 436	Physical Inorganic Chemistry	2
CHEM 475	Methods in Physical Chemistry	2
CHEM 461	General Biochemistry	4
CHEM 463	Biochemistry Analysis	4
CHEM 485	Synthesis And Analysis	2
CHEM 457	Advanced Analytical Chemistry II (whichever has not yet been taken)	2
or CHEM 455	Advanced Analytical Chemistry I	
Supporting Courses		
MATH 235	Calculus I	4
MATH 236	Calculus II	4
PHYS 231	Introductory Physics I	4
PHYS 232	Introductory Physics II	4
Total Credits		66