

Wash U Dual Degree: Chemistry BA requirements

First Year		
First Semester		
General Chemistry 1 for Majors	CHEM 1130	3 hrs
General Chemistry 1 Lab	CHEM 1115	1 hr
Calculus I	MATH 1510	4 hrs
Principles of Biology 1	BIOL 1040	4 hrs
Second Semester		
General Chemistry 2 for Majors	CHEM 1140	3 hrs
General Chemistry 2 Lab	CHEM 1125	1 hr
Calculus 2	MATH 1520	4 hrs
Engineering Physics 1	PHYS 1610	3 hrs
Engineering Physics 1 Lab	PHYS 1620	1 hr
First Year Mentoring	CHEM 1950	0 hr
Second Year		
First Semester		
Organic Chemistry 1 for Majors	CHEM 2430	3 hrs
Organic Chemistry 1 Majors Lab	CHEM 2435	1 hr
Calculus 3	MATH 2530	
Engineering Physics 2	PHYS 1630	3 hrs
Engineering Physics 2 Lab	PHYS 1640	1 hr
Second Semester		
Analytical Chemistry 1	CHEM 2200	2 hrs
Analytical Chemistry 1 Lab	CHEM 2205	2 hrs
Organic Chemistry 2 for Majors	CHEM 2440	3 hrs
Organic Chemistry 2 Majors Lab	CHEM 2445	1 hr
Differential Equations	MATH 3550	3 hrs
Second Year Mentoring	CHEM 2950	0 hr
Third Year		
First Semester		
Physical Chemistry 1	CHEM 3330	3 hrs
Second Semester		
Physical Chemistry 2	CHEM 3340	3 hrs
Scientific Programming	CSCI 1060	3 hrs
Fourth Year and Fifth Years		
All courses taken at Washington University		