

Bachelor of Science in Chemistry

Typical Program of Study – 2 Year

In order to earn the Bachelor of Science in Chemistry degree, students must complete a minimum of 180 credits with a cumulative and a major GPA of 2.0 in the University core curriculum and major requirements. In addition, chemistry students must receive a C- or better in all prerequisite courses.

A student's actual plan of study may vary from this example due to prior educational experience or individual goals. This plan of study assumes that the student is transferring to Seattle University with a transferable associate's degree and a full year of general chemistry, calculus and physics. If the student has already taken a full year of organic chemistry the junior year will be devoted to completing the math and physics requirements and the student will enroll in Chem 319 and C488 in the fall. Physical Chemistry will replace organic chemistry in the winter and spring quarters.

Junior year	FALL	WINTER	SPRING
	Organic Chemistry (5 credits) Chem 335/ Chem 345	Organic Chemistry (5 credits) Chem 336/ Chem 346	Organic Chemistry (6 credits) Chem 337/ Chem 347
	Multivariable Calculus (3 credits) Math 232	Quantitative Analysis (5 credits) Chem 319	Inorganic Chemistry (3-5 credits) Chem 215/ Chem 425
	Core Curriculum requirements	Core Curriculum requirements	Core Curriculum requirements
Senior year	FALL	WINTER	SPRING
	Physical Chemistry (3 credits) Chem 360	Physical Chemistry (5 credits) Chem 361/Chem 371	Physical Chemistry (5 credits) Chem 363/ Chem 372
	Senior Synthesis I (1 Credit) Chem 488	Undergraduate Research Chem 499 (1-3 credits taken in junior or senior year)	Senior Synthesis II (1 credit) Chem 489
	Biochemistry I (3-5 credits) Chem 454/Chem 464 (elective)	Chemistry 400 Level Electives up to 6 credits required)	Instrumental Analysis (5 credits) Chem 426
	Core Curriculum requirements	Core Curriculum requirements	Core Curriculum requirements

Core requirements specific to the major: Chem 488/ Chem 489 and Chem 499

For 400 level electives choose from this list: Chem 456, Chem 415, Chem 436, and Chem 499