CHEM | Bachelor of Science in Biochemistry | SUGGESTED 2 YEAR TRANSFER PROGRAM OF STUDY | 2019-2020

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: 180 **Credits in major:** 109 **GPA cumulative minimum:** 2.0 **GPA major minimum:** 2.0	• CHEM Electives = 3520/21 – Physical Chemistry: Photochem; 4000 – Instrumental Analysis; 4700/4701 – Advanced Inorganic Chemistry/Lab • BIOL Electives = 1630/1631 – Gen Biol III; 2700 – Genetics; 3100 – Microbiology; 4700 – Molecular Genetics; 4750/4751 – Cell Biology • The example below assumes that you have completed the following prerequisites: Enter with junior standing (90 credits) Have earned a transferable associate's degree A full year of General Chemistry, Organic Chemistry, Calculus and one quarter of General Biology equivalent to BIOL 1610/1611. • Students with AST may have additional core requirements depending on community college coursework. • In order to graduate in two years, at least two of the following year-long sequences need to be complete prior to transfer: Organic Chemistry, Calculus, Physics. (Prior completion of Organic and Calculus is shown)

Your personal program of study may vary from this due to prior educational experience or individual goals. [P] Indicates prerequisite required for course [C] Indicates co-requisite required for course

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
JUNIOR	[P]CHEM 3000 Quantitative Analysis	5	[P]CHEM 2100 Fund of Inorg Chemistry	3	[P]PHYS 1210/[C]1211 Mechanics/Mechanics Lab	5
	CHEM 4985 Senior Synthesis Seminar I	1	BIOL Elective	5	[P]CHEM 3600 Introductory Biochemistry	5
	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5
	General Elective	5	General Elective	3		
SENIOR	BIOL Elective	5	CHEM 3510/3511 Phys Chem: Thermodynamics &K	5	[P]CHEM 4600 Advanced Enzymology	4
	CHEM 4990 Research or CHEM 4950 Internship	1	[P]CHEM 4610 Theory and Methods for DNA Analysis	3	CHEM 4995 Senior Synthesis Seminar I	1
	[P]PHYS 1220/[C]1221 Elect. & Mag/ Elect. & Mag Lab	5	[P]PHYS 1230/[C]1231 Waves & Optics/ Waves & Optics Lab	5	CHEM Elective	5
	General Elective	5			UCOR 3600 University Core	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
	UCOR 2100 Theological Explorations	UCOR 3600 Social Sciences Global Challenge	
	UCOR 2500 Philosophy of the Human Person		
	UCOR 2900-2940 Ethical Reasoning		

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Science and Engineering Advising Center
206.296.2500, Engineering 300
8:30am – 4:30pm Monday - Friday
http://www.seattleu.edu/scieng/advising/

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

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