Bachelor of Science in Chemistry

2 YEAR TYPICAL PROGRAM OF STUDY

2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES			
Credits: minimum of 180 credits Credits in major: 96-100	• CHEM Electives = 415/425 – Advanced/Synthetic Inorganic Chem, 436 – Advanced Organic Chem, 454/464 – Biochem I, 455/465 – Biochem II, 456 – Biochem III, and 499 – Undergraduate Research.			
GPA cumulative minimum: 2.0				
GPA major minimum: 2.0 Prerequisite Courses: Students must receive a grade of C- or better.	For complete information on courses and/or prerequisites, please use this guide sheet in conjunction with the Academic Catalog online: http://catalog.seattleu.edu			

The example below assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate's degree, and have successfully completed a full year of General Chemistry, Calculus and Physics.

If you have already taken a full year of Organic Chemistry, then your Junior year will be devoted to completing Math and Physics requirements and you will need to in CHEM 319 and CHEM 488 for Fall quarter. Physical Chemistry will replace Organic Chemistry in the Winter and Spring quarters.

Students with AST may have additional core requirements depending on community college coursework.

Your personal program of study may vary from this example due to prior educational experience or individual goals.

FALL			WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
2	CHEM 255/265 – Foundations of Organic Chem I	6	CHEM 215 – Fundamental Inorganic Chem	3	CHEM 357/367 – Organic Chem	4
ΙZ	MATH 232 – Multivariable Calculus	3	CHEM 256/266 – Foundations of Organic Chem II	6	UCOR 2XXX	5
=	UCOR 2XXX	5	CHEM 319 – Quantitative Analysis	5	General Elective	6
	CHEM 360 – Physical Chem I	3	CHEM 361/371 – Physical Chem II	5	CHEM 362/372 – Physical Chem III	5
18	CHEM Elective – 400 level*	5	CHEM 499 – Undergraduate Research	1-3	CHEM 426 – Instrumental Analysis	5
١z	CHEM 488 – Senior Synthesis Seminar I	1	UCOR 36XX	5	CHEM 489 – Senior Synthesis Seminar II	1
U	UCOR 2XXX	5	General Elective	5	General Elective	5
L	*CHEM 454 is required for ACS certified degree.					

CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	NOTES
UCOR 2100 Theological Explorations	UCOR 3600-3640 Social Sciences Global Challenge	
UCOR 2500 Philosophy of the Human Person		
UCOR 2900-2940 Ethical Reasoning		

Department of Chemistry | Office: Bannan 516 chemistry@seattleu.edu | www.seattleu.edu/scieng/chemistry You should plan to work closely with your academic advisor to complete your personal educational plan information.