

## DEGREE REQUIREMENTS

Credits: minimum of 180 credits

Credits in major: 80

GPA cumulative minimum: 2.0

GPA major minimum: 2.0

## CURRICULUM NOTES

- \*Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit
- Assumes placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit
- Physics 1210 series is recommended over PHYS 1050 series. PHYS 1210/1211 is highly recommended during spring quarter of a student's first year.
- CHEM Electives = 2100 – Fundamental Inorganic Chemistry, 2700 – Laboratory Safety, 2520/2521 – Organic Chemistry: Reactions of Pi-Systems/Lab, 3500 – Physical Chemistry: Quantum Theory-Spectroscopy-& Molecular Bonding, 3520/3521 – Physical Chemistry: Photochemistry-Mixtures-& Statistical Thermodynamics/Lab, 4700/4701 – Advanced Inorganic Chemistry/Lab, 4000 – Instrumental Analysis, 4800 – Advanced Organic Chemistry, 4802 – Physical Organic Chemistry, 4804 – Environmental Organic Chemistry, 3600 – Introductory Biochemistry, 4600-Advanced Enzymology, 4610 – Theory and Methods for DNA Analysis, 4950 – Internship, 4990 – Undergraduate Research, and department-approved special topics

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. The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.

<sup>P</sup> Indicates prerequisite required for course    <sup>C</sup> Indicates co-requisite required for course

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	<sup>P</sup> MATH 1334 Calculus I (*MATH 1022 Trig must be sat)*	5	<sup>P</sup> MATH 1335 Calculus II	5	<sup>P</sup> MATH 1336 Calculus III	5
	<sup>P</sup> CHEM 1500/ <sup>F</sup> 1501 General Chemistry I/Lab	5	<sup>P</sup> CHEM 1510/ <sup>C</sup> 1511 General Chem II	6	<sup>P</sup> CHEM 1520 General Chem III	4
	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
SOPHOMORE	<sup>P</sup> CHEM 2500/ <sup>F</sup> 2501 Org Chem: Structure & Reac/Lab	6	<sup>P</sup> CHEM 2510/ <sup>C</sup> 2511 Org Chem: Functional Group Inter	6	<sup>P</sup> PHYS 1070/1071 Thermo, Optics, Mod Physics/ Lab	5
	<sup>P</sup> PHYS 1050/1051 Mechanics/Mechanics Lab	5	<sup>P</sup> PHYS 1060/1061 Waves, Sound, Electricity, Magnetism/Lab	5	UCOR 2XXX University Core	5
	UCOR 1XXX University Core	5	UCOR 2XXX University Core	5	General Elective	5
JUNIOR	<sup>P</sup> CHEM 3000 Quantitative Analysis	5	<sup>P</sup> CHEM 3510/ <sup>C</sup> 3511 Phys Chem: Thermo & K/Lab	5	<sup>P</sup> CHEM Elective	5
	<sup>P</sup> CHEM 4985 Senior Synthesis Seminar I	1	General Elective	10	UCOR 3XXX University Core	5
	UCOR 2XXX University Core	5			General Elective	5
	General Elective	3				
SENIOR	CHEM 4990 Research or CHEM 4950 Internship	1	<sup>P</sup> CHEM Elective	5	<sup>P</sup> CHEM 4995 Senior Synthesis Seminar II	1
	UCOR 3XXX University Core	5	UCOR 3XXX University Core	5	General Elective	14
	General Elective	8	General Elective	5		

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
UCOR 1100 Academic Writing Seminar	UCOR 2100 Theological Explorations	UCOR 3100 Religion in a Global Context
UCOR 1200 Quantitative Reasoning – <b>satisfied in major</b>	UCOR 2500 Philosophy of the Human Person	UCOR 3400- Humanities & Global Challenges
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600- Social Sciences & Global Challenges
UCOR 1400 Inquiry Seminar in the Humanities		
UCOR 1600 Inquiry Seminar in the Social Sciences		
UCOR 1800 Inquiry Seminar Natural Sci. – <b>satisfied in major</b>		

