



GEORGE FOX UNIVERSITY

BIOCHEMISTRY MAJOR

	<u>Credit Hours</u>
Requirements	35
CHEM 211 General Chemistry	4
CHEM 212 General Chemistry	4
CHEM 331 Organic Chemistry	4
CHEM 332 Organic Chemistry	4
CHEM 310 Analytical Chemistry	4
CHEM 341 Biochemistry I	4
CHEM 342 Biochemistry II	4
CHEM 440 Thermodynamics	4
CHEM 461 Chemistry Seminar	1
CHEM 462 Experimental Chemistry	2
Electives (2 of the following)	7
One course must be from CHEM and one from BIOL	
CHEM 320 Advanced Inorganic Chemistry	3
CHEM 380 Advanced Organic Chemistry	3
CHEM 450 Quantum Chemistry	3
BIOL 350 Genetics	4
BIOL 410 Molecular Biology	4
BIOL 420 Cell Biology	4
Other Electives	
CHEM 465 Chemical Research*	1-4
Hours Required in Major	42
Additional requirements	
MATH 201 Calculus I	4
MATH 202 Calculus II	4
PHYS 211 General Physics**	4
PHYS 212 General Physics**	4
BIOL 211 General Biology	4
BIOL 212 General Biology	4

* Chemical Research (CHEM 465) may be taken for 1 - 4 hours

** Either General Physics (PHYS 201, 202) or General Physics with Calculus (PHYS 211, 212) may be taken
(Revised 03/04/16)