Western Oregon UNIVERSITY

Academic Degree Program
2010-11

Major in: Biology-General

Advisor Signature:

Student Name:

Student Signature:

Student ID:

Date:

Major 78-86 hours, 36 UD	Hrs	Has	Lacks
BI 211, 212, 213 Principles of Biology	15		
BI 314 Introductory Genetics	4		
BI 315 Cell Biology	4		
BI 316 Evolution	4		
BI 331 General Microbiology	4		
Choose one	4-5		
BI 317 Vertebrate Natural History (4)			
*BI 321 Systematic Field Botany (4)**			
BI 451 Invertebrate Zoology (5)			
Choose one	4		
BI 357 General Ecology (4)			
BI 454 Plant Ecology (4)			
CH 221, 222, 223 General Chemistry	15		
Math Options: choose one	8-10		
A) MTH 112 Elementary Functions (4)			
MTH 243 Probability and Statistics (4)			
B) MTH 251 Calculus I (5)			
MTH 252 Calculus II (5)			
C) MTH 251 Calculus I (5)			
MTH 243 Probability and Statistics (4)			
General Biology Emphasis (16-19)			
Cell Development: choose one	4		
BI 326 Vertebrate Embryology (4)			
BI 432 Immunology (4)			
BI 475 Molecular Biology (4)			
Anatomy and Physiology: choose two	8-10		
BI 324 Comparative Vertebrate Anatomy (5)			
BI 330 Plant Physiology (5)			
BI 371 Structure of Seed Plants (4)			
BI 434 Comparative Vertebrate Physiology (4)			
Field Biology of Animals: choose one	4-5		
BI 317 Vertebrate Natural History (4)			
BI 361 Marine Ecology (5)			
BI 451 Invertebrate Zoology (5)			
BI 474 Biology of Insects (5)			

Program notes & Additional Degree Requirements			
*All students pursuing this emphasis must complete BI 321 as their required Biology core option. In addition, students may choose any of the three math options of the required Biology core.			
Biology majors, regardless of emphasis, are required to maintain a C average in courses that are used to satisfy biology degree requirements.			
Students graduating in the various emphases of the biology major are required to take a standardized exit exam in their last year.			
Minimum degree requirements of at least:			
180 or more total credit hours			
62 Upper Division credit hours			
45 of last 60 credits earned at WOU campus			
BA Degree Requirements			
CS 101 or higher			
Math 105 or higher			
Writing Intensive:			
Foreign Language:			
BS Degree Requirements			
CS121 or higher			
Math 111 or higher			
CS/Math/Stats			
Diversity			
Writing Intensive			