Western Oregon UNIVERSITY

Academic Degree Program
2011-12

Major in: Biology-Ecology

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)	4-5		
BI 317 Vertebrate Natural History (4)			
BI 321 Systematic Field Botany (4)			
BI 451 Invertebrate Zoology (5)			
Choose one (4-5)	4-5		
*BI 357 General Ecology**			
BI 454 Plant Ecology			
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)			
Ecology Emphasis (17-18)			
BI 361 Marine Ecology	5		
BI 454 Plant Ecology	4		
BI 461 Conservation Biology	4		
One UD course approved by Advisor	4-5		

Program notes & Additional Degree Requirements			
*All Students pursuing this emphasis **must** complete BI 357 as their required Biology core option. Furthermore, all students must complete option B as there required Biology Math core option. In addition MTH 243 is strongly recommended.			
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.			