Western Oregon UNIVERSITY

Major in: Biology-Molecular/Cellular

Advisor Signature:

Student Name:

Student Signature:

Student ID:

Date:

Major 79-87 hours, 36 UD	Hrs	Has	Lacks
BI 211 Principles of Biology I	5		
BI 212 Principles of Biology II	5		
BI 213 Principles of Biology III	5		
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 General Chemistry I	5		
CH 222 General Chemistry II	5		
CH 223 General Chemistry III	5		
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)			
Molecular/Cell Emphasis (18-19)			
BI 475 Molecular Biology	4		
CH 312 Quantitative Analysis	4		
CH 450 Biochemistry I	3		
CH 451 Biochemistry II	3		
One upper division course approved by Advisor	(4-5)		

Program notes & Additional Degree Requirements		
*All Students pursuing this emphasis must complete option C as their Biology core Math option.		
Students must also complete the Physical Science minor.		
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:		