Western Oregon UNIVERSITY

Academic Degree Program
2012-13

Major in: **Integrated Science Teacher Education**
Grade Five through Twelve

Advisor Signature:

Student Name:

Student Signature:

Student ID:

Date:

Major 64-66 hours, 36 UD	Hrs	Has	Lacks
CH 221 General Chemistry I	5		
CH 222 General Chemistry II	5		
CH 223 General Chemistry III	5		
Choose one sequence:	12		
PH 201, 202, 203 General Physics			
PH 211, 212, 213 General Physics w/Calculus			
ES 331 Oceanography	3		
ES 351 Geology for Educators	3		
ES 390 Meteorology	3		
MTH 112 Elementary Functions	4		
GS 314 Class & Lab Resources in Science	2		
GS 351 Elements of Astronomy	3		
Choose one:	4		
ES 431 Paleobiology			
ES 450 Intro to Petrology			
ES 453 Geology of Pacific NW			
Choose one:	3		
CH 310 Geochemistry			
CH 320 Intro to Forensic Chemistry			
CH 360 Nuclear Chemistry			
CH 371 Environmental Chemistry			
Choose one:	4-5		
BI 321 Systematic Field Botany			
BI 331 General Microbiology			
BI 357 General Ecology			
UD Electives: Science	8-9		
(from selections above or courses approved by your Science advisor)			
Note: BI 211, 212, 213 must be completed as part of the LACC requirement in the Natural Sciences and Mathematics. BA/BS: MTH 111 College Algebra.			

Undergraduate Teacher Preparation			
Pre-Education Courses			
ED 100 Introduction to Education	3		
ED 270 Teaching-Learning with Technology	3		
ED 312 Students, Teachers, Schools & Societies	3		
ED 333 Applied Adolescent Learn-Develop	3		
ED 370 Special Education	3		
Education Professional Core	**38**		
Term I:			
ED 418 Applied Curriculum and Assessment	3		
ED 446D Environments for Diverse Learners	3		
ED 434 Content Pedagogy	3		
ED 404 Student Teaching Seminar I	1		
ED 411 Student Teaching I	3		
Term II:			
ED 405 Student Teaching Seminar II	1		
ED 412 Student Teaching II	3		
ED 436 Content Pedagogy II	3		
ED 444 Content Literacy	3		
ED 450 Authorization Specialty and Classroom Mgmt	3		
Term III:			
ED 429 Prof Develop Seminar III	2		
ED 498 Student Teaching III	10		
Test Requirements: passing score on CBEST and ORELA			
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 111 or higher			
Writing Intensive:			
Foreign Language:			
BS Degree Requirements			
CS121 or higher			
Math 111 or higher			
CS/Math/Stats:			
Diversity:			
Writing Intensive:			