

Major in: Earth Science

Student Name:

Student ID:

Major 65-70 hours	Hrs	Has	Lacks
ES 201, 202, 203 Principles of Geology	12		
Choose two courses from the following:	8-10		
BI 101, 102, 103 General Biology			
BI 211, 212, 213 Principles of Biology			
PH 201, 202, 203 General Physics			
PH 211, 212, 213 General Physics w/Calc.			
ES 301 Petrographic Microscopy	2		
ES 302 Quantitative Methods	2		
ES 321 Structural Geology	4		
ES 322 Geomorphology & Aerial Photo Interp.	4		
ES 407 Senior Seminar	1		
ES 450 Introduction to Petrology	4		
ES 453 Geology of the Pacific Northwest	4		
ES 473 Environmental Geology	4		
ES 493 Sedimentary Geology	4		
, , , , , , , , , , , , , , , , , , , ,			
Earth System Science: (choose one)	3		
ES 331 Intro to Oceanography (3)	-		
ES 390 Basic Meteorology (3)			
GS 351 Elements of Astronomy (3)			
Sedimentology/Paleobiology: (choose one)	3-4		
ES 304 Survey of the Fossil Record (3)			
ES 431 Paleobiology (4)			
ES 491 Stratigraphy & Depositional System (4			
Tectonics/Volcanology/Petrology: (choose one	3-4		
ES 354 Volcanoes and Earthquakes (3)	-		
ES 454 Volcanology (4)			
ES 460 Energy and Mineral Resources (3)			
5, (, , , , , , , , , , , , , , , , , ,			
Env. Geology/Surface Processes: (choose one	3-4		
ES 458 River Environments of Oregon			
ES 476 Hydrology (3)			
ES 486 Petroleum Geology			
Geospatial Technology: (choose one)	4		
ES 341 Geographic Information Systems I			
ES 342 Geographic Information Systems II			
ES 444 Remote Sensing			
ES 492 Advanced GIS Applications in ES			
••			1
			1
			1
			1

Advisor Signature:

Student Signature:

Date:

Program notes & Additional Degree Requirements					
At least two chemistry courses at the 200-level are to be completed as part of the LACC laboratory science requirement.					
To fulfill the mathematics and computer science or requirement, the B.S. requires MTH 112, MTH 24 science course. The B.A. requires MTH 112, one course, and completion of the second language re	3, and o comput	one con ter sciei	nputer		
MTH 251 or MTH 252 may be used to fulfill the M for both the B.S. and B.A. degrees.	TH 112	require	ement		
Completion of the Earth Science Major qualifies g process of professional licensure as registered ge of Oregon. Students should confer with their advis coursework that best fits their career objectives.	eologist	s in the			
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 (C- or better):					
PC Degree Deguirements					
BS Degree Requirements					
CS 121 or higher Math 111 or higher					
CS/Math/Stats:					
oo/wath/otats.					
Diversity:					
Divoloky.					
Writing Intensive:					