

Major in:	Earth Science	Advisor Signature:		
Student Na	me:	Student Signature:		

## Student ID:

Major 73-78 hours, 36 UD	Hrs	Has	Lacks
ES 201, 202, 203 Principles of Geology	12		
Choose One Sequence:	12		
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.			
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Choose a Math option:	8-10		
A) MTH 112 Elementary Functions (4)	0.10		
MTH 243 Intro to Probability & Statistics (4)			
B) MTH 243 Intro to Probability & Statistics (4)			
MTH 251 Calculus I (5)			
C) MTH 251 Calculus I (5)			
MTH 252 Calculus II (5)			
WITT 202 Galculus II (0)			
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	-		
ES 453 Geology of the Pacific Northwest	4		
ES 473 Environmental Geology	4		
ES 473 Sedimentary Geology	4		
=S 493 Sedifferitary Geology	4		
Earth System Science: (chance and)	2		
Earth System Science: (choose one)	3		
ES 331 Intro to Oceanography (3)			
ES 390 Basic Meteorology (3)			
GS 351 Elements of Astronomy (3)			
Cadimental and Dalachial and Johnson and	0.4		
Sedimentology/Paleobiology: (choose one)	3-4		
ES 304 Survey of the Fossil Record (3)			
ES 431 Paleobiology (4)			
ES 491 Stratigraphy & Depositional Sys (4)			
Valencia my/Datrala my (abassa ana)	0.4		
Volcanology/Petrology: (choose one)	3-4		
ES 354 Volcanoes and Earthquakes (3)			
ES 454 Volcanology (4)			
ES 460 Energy and Mineral Resources (3)			
France Continued Constant Programme (ch.	<u> </u>		
Env. Geology/Surface Processes: (choose one	3-4		
ES 341 Fundamentals of Geographic			
Information System (4)	ļ		<b> </b>
ES 476 Hydrology (3)			1
ES 492 Advanced GIS Applications in Earth			
Science (4)			

Date:						
Program notes & Additional Degree Requirements	S					
Earth Science LACC Requirements:						
CH 104 Intro to Chemistry	4					
CH 221, 222 General Chemistry	8					
The BS and BA require completion of 2-4 credit h			ter			
Science coursework, depending on the chosen M	ath opti	on.				
4 hours of writing intensive course work should co	me fror	n:WR	322			
Technical Writing						
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:						
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Foreign Language (C- or better):						
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BS Degree Requirements						
CS 121 or higher						
Math 111 or higher						
CS/Math/Stats:						
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Diversity:						
Diversity:						
Tarana a sa						
Writing Intensive:						