

Recommended Four-Year Course Schedule for WOU Earth Science Majors (BS/BA Earth Science)

Freshman Year

Fall		
	Course #	Units
ES 201	Principles of Geology	4
MTH 111	College Algebra	4
CH 104	Introductory Chemistry	4
WR 135	College Writing II (or other LACC)	3 to 4
Total		15 to 16

Winter		
	Course #	Units
ES 202	Principles of Geology	4
MTH 112	Elementary Functions	4
CH 221	General Chemistry	4
	LACC course (e.g., SP 111)	3 to 4
Total		15 to 16

Spring		
	Course #	Units
ES 203	Principles of Geology	4
MTH 243	Intro. Probability and Statistics	4
CH 222	General Chemistry	4
	LACC course	3 to 4
Total		15 to 16

Sophomore Year

Fall		
	Course #	Units
	PH or BIO sequence	4
CS 161	Computer Science I	5
	LACC or WR 321 or ES 331	6 to 8
Total		15 to 17

Winter		
	Course #	Units
	PH or BIO sequence	4
MTH 251	Calculus I (or CS 162)	5
ES 301	Quantitative Applications	1
	LACC or WR 321 or ES 390	6 to 8
Total		16 to 18

Spring		
	Course #	Units
	PH or BIO sequence	4
MTH 252	Calculus II (or CS 260)	5
ES 302	Field Geology	1
	LACC or WR 321 or GS 351	6 to 8
Total		16 to 18

Junior Year

Fall		
	Course #	Units
ES 303	Petrographic Microscopy	1
ES 321	Structural Geology	4
ES 322	Geomorphology	4
	LACC courses (and/or Minor)	6 to 8
Total		15 to 17

Winter		
	Course #	Units
ES 450	Intro to Petrology	4
ES 453	Geology of Pacific Northwest	4
	Minor (and/or LACC courses)	8
Total		16

Spring		
	Course #	Units
ES 392	Sedimentary Geology	4
ES 473	Environmental Geology	4
	Minor (and/or LACC courses)	8
Total		16

Senior Year

Fall		
	Course #	Units
	ES 431 or ES 491	3 to 4
	Minor (and/or LACC courses)	12
Total		15 to 16

Winter		
	Course #	Units
	ES 492 or ES 476	3
	Minor coursework	12
Total		15

Spring		
	Course #	Units
ES 407	Senior Seminar	1
	ES 454 or ES 406	3
	Minor coursework	12
Total		16

Standard LACC Components

Creative Arts	9
Health & Physical Education	4
Laboratory Science	12
Literature/Modern Language	8
Philosophy or Religion	3
Social Science	11-12
Speech	3
Writing	4
Total	55

BA Degree Requirements

Math & CS:	7
Writing Intensive:	6
Foreign Language:	4-24

BS Degree Requirements

Math & CS:	12
Writing Intensive:	6
Diversity:	6

GENERALIZED COURSE SEQUENCE SUMMARY	
Freshman / Sophomore Level Courses	Sophomore / Junior Level Courses
ES 201, 202, 203	ES 301, 302, 303
CH 104, 221, 222	ES321, ES322, ES392, ES450
PH / BIO 200 sequence	ES331, ES390, or GS351
Math courses	WR321
Computer Science coursework	LACC Coursework
LACC Coursework	Begin Minor Coursework
Junior / Senior Level Courses	
ES 407, ES 453, ES 473, ES431 or ES491, ES476 or ES492, ES454 or ES460	
Finish Minor Coursework	