



Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-118	Precalculus Algebra	An ACT Math score of 22 or higher, or a score of PASS on the NW Algebra Review OR Strategies for Precalculus Algebra	3	
27-110/111 OR 27-114/115	General Geology & Lab OR General Earth Science & Lab		4	
77-101	University Seminar		1	
10-111	Composition I		3	
34-102	Intro to American Government		3	
<b>Total Hours</b>			<b>14</b>	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-212	Historical Geology	General Geology & Lab OR General Earth Science & Lab	4	Spring
10-112	Composition II	Composition I	3	
24-112/113 OR 24-114/115	General Chemistry & Lab OR General Chemistry I & Lab		4	
	Digital Literacy		3	
<b>Total Hours</b>			<b>14</b>	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Life Science & Lab		4	
27-220	Mineralogy	General Geology & Lab OR General Earth Science & Lab AND General Chemistry & Lab	4	Fall
	Humanities Requirement		3	Intro. to Philosophy recommended
29-102	Fundamentals of Oral Communication		3	
	Geology Elective		2-3	See list below
<b>Total Hours</b>			<b>16-17</b>	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-420	Petrology	Mineralogy	4	Spring
10-220	Intro to Literature		3	
	Humanities Requirement		3	
	Civics: History Requirement		3	
	Minor		3	
<b>Total Hours</b>			<b>16</b>	

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**3** = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

**4** = a milestone courses taken in final year to complete degree requirements.



Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-360	Environmental Geology	General Geology & Lab OR General Earth Science & Lab	4	Fall
	Social & Behavioral Science		3	Intro. to Geography recommended
	Minor		6	
	Modern Language Requirement		3	
<b>Total Hours</b>			<b>16</b>	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Fine Arts		3	
	Geology Elective		3-4	See list below
	Minor		3	
	Modern Language Requirement		3	
	Elective		3	
<b>Total Hours</b>			<b>15-16</b>	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Social & Behavioral Science		3	
27-498	Senior Seminar		1	
	Geology Elective		3-4	See list below
	Minor		6	
	Modern Language Requirement		3	
<b>Total Hours</b>			<b>16-17</b>	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Geology Elective		3-4	See list below
	Minor		6	
	Elective		4	
<b>Total Hours</b>			<b>13-14</b>	

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### Required Geology Electives – 15 credit hours minimum

Course #	Course Name	Prerequisites	Hours	Semesters Offered
27-326	Geology of Natural Parks	General Geology & Lab OR General Earth Science & Lab	3	Fall, even years
27-335	Physical Oceanography	Completion of NW Science Core	3	Spring, even years
27-423	Economic Geology	Mineralogy	4	Fall, odd years
27-424	Geochemistry	Mineralogy	3	Fall, even years
27-440	Stratigraphy	Historical Geology	4	Fall, odd years
27-450	Structural Geology	Historical Geology & Petrology	4	Spring
27-510	Geomorphology	General Geology & Lab OR General Earth Science & Lab	3	Spring, even years
27-530	Sedimentology	Historical Geology	4	Fall, odd years
27-540	Paleontology	Historical Geology	4	Spring
27-555	X-Ray Analysis	Mineralogy	3	Spring, even years
27-560	Optical Mineralogy	Mineralogy	3	Fall, even years

1

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= a milestone courses taken in final year to complete degree requirements.