



Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-118 OR 17-120	Precalculus Algebra OR Calculus I	Precalculus Algebra: Minimum ACT math score of 22 OR minimum high school GPA 3.5 Calculus: Precalculus Algebra OR Precalculus AND Trigonometry	3-4	
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	
29-102	Fundamentals of Oral Communication		3	
<b>Total Hours</b>			<b>14-15</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	
24-114/115	General Chemistry I & Lab		4	
	Fine Arts		3	
<b>Total Hours</b>			<b>14</b>	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
27-220	Mineralogy	General Geology & Lab OR General Earth Science & Lab AND General Chemistry & Lab	4	Fall
	Trigonometry OR any calculus course	Trigonometry: A minimum ACT Math score of 22, OR a minimum high school GPA of 3.0	2-4	
	Digital Literacy		3	
<b>Total Hours</b>			<b>14-16</b>	
Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-420	Petrology	Mineralogy	4	Spring
10-220	Introduction to Literature		3	
	Civics: History Requirement		3	
	Social and Behavioral Sciences		3	Intro. to Geography recommended
	Group I Geology Electives OR Group II Geology Electives		3-4	Must have 6-8 hours and one course from each group. See list at bottom.
<b>Total Hours</b>			<b>16-17</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

**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
	Life Science & Lab		4	Gen. Biology/Lab recommended
27-530 OR 27-440	Sedimentology OR Stratigraphy	Historical Geology	4	Sedimentology: Fall, odd years. Stratigraphy: Fall, even years
25-110/111 OR 25-120/121	General Physics I & Lab OR Classical Physics I & Lab	General Physics I: Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I Classical Physics I: Calculus I	4-5	
34-102	Intro. to American Gov't and Politics		3	
<b>Total Hours</b>			<b>15-16</b>	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
32-102	Humanities Requirement		3	Peoples & Cultures of the World recommended
25-112/113 OR 25-230/231	General Physics II & Lab OR Classical Physics II & Lab	General Physics II: Mathematical Modeling OR Precalculus OR Precalculus Algebra OR Calculus I Classical Physics II: Calculus Physics I & Lab AND Calculus II	4-5	
27-450	Structural Geology	Historical Geology AND Petrology	4	Spring
	Humanities Requirement		3	
<b>Total Hours</b>			<b>14-15</b>	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-990	Field Camp		6	Summer: taught at other university
<b>Total Hours</b>			<b>6</b>	
Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
27-498	Senior Seminar in Geology		1	Fall
	Group I Geology Elective OR Group II Geology Elective		3-4	Must have 6-8 hours and one course from each group. See list at bottom.
	Electives		9	
<b>Total Hours</b>			<b>13-14</b>	
Term 9	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
	Social & Behavior Sciences		3	
27-540	Paleontology	Historical Geology	4	Spring
	Electives		7	
<b>Total Hours</b>			<b>14</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.


**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.


**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.




Group I Electives				
27-423	Economic Geology	Mineralogy	4	Fall, odd years
27-424	Geochemistry	Mineralogy	3	Fall, even years
27-510	Geomorphology	General Geology & Lab OR General Earth Science & Lab	3	Spring, even years
27-555	X-Ray Analysis	Mineralogy	3	Spring, even years
27-560	Optical Mineralogy	Mineralogy	3	Fall, even years
Group II Electives				
32-361	Climatology	Dynamic & Synoptic Meteorology OR General Earth Science & Lab	3	Spring, odd years
32-463	Remote Sensing	Maps & Spatial Reasoning	3	Fall
27-335	Physical Oceanography	Completion of NW Science Core	3	Spring, even years
27-340	Introduction to Hydrogeology	General Geology & Lab OR General Earth Science & Lab AND Precalculus Algebra	3	Spring, even years
27-360	Environmental Geology	General Geology & Lab OR General Earth Science & Lab	4	Fall
27-515	Environmental Regulations	Environmental Geology OR Environmental Issues OR Conservation of Natural Resources	2	Spring, odd years

 = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

 = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

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

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