

2 Year Completion Plan for the GEOLOGY Major

The following table outlines a two-year pathway for completing a major in **GEOLOGY**, following the successful completion of EESC 111 and 112.

GEOLOGY Scheduling Plan		
Year	Course	Credits in the major
Freshman/Sophomore	EESC 111 – Our Dynamic Earth	4
	EESC 112 – Evol'n of the Earth (EESC 111)	4
	Take chemistry placement test:	-
	CHEM 111 (placement test)	-
	CHEM 112 (≥ C- in CHEM 111)	-
Fall 3 rd Year	EESC 240 – Field Methods (EESC 110 or 111 or GEOG 110)	4
	EESC 301 – Mineralogy (EESC 111; *CHEM 111)	4
Spring 3 rd Year	EESC 302 – Petrology (EESC 301; *CHEM 112)	4
	**EESC 412 – Structural Geology, if offered (EESC 301)	4
	Geology electives (if EESC 412 is not offered)	<i>3 to 8</i>
Fall 4 th Year	EESC 311 – Sed./Stratigraphy (EESC 111; *CHEM 111)	4
	Geology electives	<i>3 to 8</i>
Spring 4 th Year	*EESC 412 – Structural Geology, if offered (EESC 301)	(4)
	Geology electives	<i>3 to 8</i>
TOTAL		40
Courses are only offered in the fall or spring semesters as listed. Pre-requisite courses are given in parentheses.		
*These courses are pre- or co- requisites.		
**Structural Geology (EESC 412) is offered every <u>other</u> spring.		
The Geology major requires 12 elective credits in the major at the 200-level or higher (see Academic Catalog for approved choices).		
Recommended: Calculus (MATH 121, 122); University Physics (PHYS 105, 106).		

For further information or details, contact:

Dr. Jodie Hayob (Jepson 441): jhayob@umw.edu (540) 654-1425 Revised 6-1-17