

<b>Department:</b>	<b>Geology</b>
<b>Course Plan to Complete a:</b>	<b>B.S. Geology</b>

[Geology, B.S. \(Catalogue\)](#)

Year 1							
Fall				Spring			
Prefix	Course #	Course Name (catalogue)	Credits	Prefix	Course #	Course Name (catalogue)	Credits
GEOL	001*	Introduction to Earth System Science	4	GEOL	062	Earth and Environments through Time	4
Math	021**	Calculus 1	4	Math	022**	Calculus II	4
CHEM	031	General Chemistry 1	4	CHEM	032	General Chemistry II	4
		TAP Seminar	3			D1 Diversity/Distribution	3
			15				15
Year 2							
Fall				Spring			
Prefix	Course #	Course Name (catalogue)	Credits	Prefix	Course #	Course Name (catalogue)	Credits
GEOL	101	Field Geology	4	GEOL	110	SU: Earth Materials	4
GEOL	135	Environmental Geochemistry	4	GEOL	1XX	Geology Elective	3
		Distribution	3			D2 Diversity (Non-European Cultures Course)/Distribution	3
						Distribution	3
		Elective	3			Elective	3
			14				16
Year 3							
Fall				Spring			
Prefix	Course #	Course Name (catalogue)	Credits	Prefix	Course #	Course Name (catalogue)	Credits
GEOL	151	Geomorphology	4	GEOL	231 or 260	Petrology or Structural Geology	4
STATS	141***	Basic Statistical Methods	3	GEOL	240	Tectonics	3
GEOL	153	Statigraphy & Sedimentology	4			Geology or approved 100-level or above math, engineering, statistics elective	3
		Distribution	3			Distribution	3
						Elective	3
			14				16
Year 4							
Fall				Spring			
Prefix	Course #	Course Name (catalogue)	Credits	Prefix	Course #	Course Name (catalogue)	Credits
GEOL	291	Senior Seminar	1	GEOL	292	Senior Seminar	1
GEOL	198***	Independent Research	3	GEOL	231 or 260	Petrology or Structural Geology	4
PHYS	51*****	Fundamentals of Physics 1	4	PHYS	152****	Fundamentals of Physics II	4
GEOL	1XX	Geology elective	3	GEOL	1XX	Geology elective	3
		Geology or approved 100-level or above math, engineering, statistics elective	3			Elective	3
		Elective	3				
			16				15

**NOTES:**

\*GEOL 005 or 055 may be substituted for GEOL 001.

\*\* or MATH 019, MATH 020.

\*\*\* or STATS 211.

\*\*\*\* or Geol 201, or Field Camp

\*\*\*\*\* PHYS 011/021 and 012/022 may be substituted

**Distribution Requirements: B.S. degrees in the College of Arts and Sciences will be required to complete the following:**

*Natural Sciences: two courses with labs from specific departments, as defined by the major.*

*Mathematical Sciences: Two courses as defined by the major requirements.*

*Social Sciences: Two 3-credit courses in social science disciplines.*

● *In addition, B.S. degree students are required to complete course in TWO of the following THREE categories:*

*Fine Arts disciplines and Literature disciplines (two courses- one course in each area).*

*Foreign Language: two courses in the same foreign language.*

*Humanities: two 3-credit courses in a humanities discipline.*

**General Requirements:**

*One Diversity Category 1 course – minimum 3 credits*

*One Diversity Category 2 course from list of D2 Non-European Cultures courses – minimum 3 credits*

*One Sustainability Category course - minimum 3 credits*

*One Writing and Information Literacy course– minimum 3 credits*

*One Quantitative Reasoning course-minimum 3 credits*

>>>A TAP course will satisfy UVM's Writing and Information Literacy requirement and might also count toward a distribution.

>>>Sustainability courses and Diversity courses might also count toward a distribution.

07/2018