

## BS in Geology (740)

Catalog Year  
2014 - 2015

**General Information:**

Academic Advising has provided a **recommended graduation plan** for every major we offer.

- This plan is built to meet the University’s minimum credit requirement (120 credits for a bachelor’s degree and 60 for an associate) in 8 semesters or less. Each plan includes all required courses, including Foundations and major as well as emphasis, minor or clusters (if applicable). The plan may also include elective courses to meet the credit requirement.
- Please note the following terms: Groups = A term used on the Degree Audit to reference a required group of classes that may be pre-selected or from which you can choose; General Elective = any course offering at BYU-Idaho which you are eligible to take; Major Elective = a required course from a list of multiple course options within your major. (A certain number of “major electives” may be required for your major, but you can select which course to choose from the given list.)

Semester 1	Credits	Semester 2	Credits	Semester 3 (Fall)	Credits	Semester 4 (Winter)	Credits
GEOL 111	3	# GEOL 112 or Geol 351	3-4	Math 215	4	GEOL 352	3
GEOL 111L	1	*FDMAT 112	4	#GEOL 112 or GEOL 351	3-4	PH 121	3
FDENG 101	3	**FDSCI 101	2	CHEM 106	4	PH 150	1
FDREL 121 or 122	2	FDREL 121 or 122	2	FDAMF 101	2	FDREL Scripture-based	2
*MATH 109	5	CHEM 105	4	FDREL 200	2	FDENG 201	3
		GEOL 140	1	GEOL 301	1	GEOL 340	3
<b>Total Credits</b>	<b>14</b>	<b>Total Credits</b>	<b>16-17</b>	<b>Total Credits</b>	<b>16-17</b>	<b>Total Credits</b>	<b>15</b>
Semester 5 (Fall)	Credits	Semester 6 (Winter)	Credits	Spring Off-Track	Credits	Semester 7 (Fall)	Credits
PH 123	3	GEOL 316	3	GEOL 409	3	##Fall GEOL elective	3
GEOL 370	4	##Winter GEOL elective	3	GEOL 410 (if required)	0-3	FDCNC 350	2
General Elective	3-4	GEOL 391	2	###FDREL 333 (if take 410)	0-2	FDREL Elective	2
##Fall Geology Elective	3	GEOL 392	2			General Elective	5-6
FDREL Scripture-based	2	General Elective	3-4			FDMAT 108T	1
		***Cultural Awareness	3				
<b>Total Credits</b>	<b>15-16</b>	<b>Total Credits</b>	<b>15-16</b>	<b>Total Credits</b>	<b>3-8</b>	<b>Total Credits</b>	<b>13-14</b>
Semester 8 (Winter)	Credits						
## Winter GEOL elective	1-3						
## Winter Geol elective	0-3	(if needed for emphasis)					
FDREL elective	0-2	(if did not take Geol 410 and FDREL 333)					
General Elective	1-4						
*** Cultural Awareness	2-3						
<b>Total Credits</b>	<b>5-15</b>						

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### Special Instructions

~Geology majors need to change to the F/W track after their second semester. Required Geology courses are offered only once per year. Use the Geology homepage course offering sheet (<http://www.byui.edu/geology/resources/course-offerings-and-curriculum>) to check when courses are offered.

\*The Geology major Math requirement is FDMAT 112-Calculus and Math 215 (Multivariable Calculus). If a student took Pre-Calculus in high school (College Algebra and Trig) they may not need to take MATH 109. Students will need to either take FDMAT 108-Mathematical Tools for the Real World (3 cr) or FDMAT 108T-Math for the Real World Test (1 cr) to complete the Quantitative Reasoning requirement for Foundations.

\*\*It is recommended that students choose Option C to complete their Science Foundations requirement, which can be completed with FDSCI 101, CHEM 105, and 4 credits of applicable Physics courses.

\*\*\*Complete either FDCA 201-206 if FDCA 101 course was previously taken; or complete FDWLD 201 if FDWLD 101 was taken.

#Take Geol 112 if your second semester is a S or W semester. Take Geol 351 if your second semester is a F semester.

##Geology electives are based on areas of emphasis. Choose an area of emphasis and then choose electives from that area. If you are unsure, complete the Geoscience Emphasis. Geoscience Emphasis: GEOL 404, GEOL 411, GEOL 412, GEOL 420, GEOL 425, GEOL 435, GEOL 440R, GEOL 445, GEOL 480, GEOL 490R (1-2 cr.), GEOL 498R (1-3 cr.), GEOL 335, Math 330. See the department homepage course offering sheet for other emphases. Visit with an advisor in the geology department for help in choosing an emphasis.

###FDREL 333 is taught during Field Camp; it should not be taken earlier to complete a religion requirement or it will appear as a retake. GEOL 409 and GEOL 410 - Field Methods and Advanced Field Methods (Field Camp) are taught in the field and are available only during Spring semester, second block; these are your capstone courses and they have several pre-requisites. They should be taken between the Junior and Senior year or the last Spring semester before graduation. Students who have an emphasis in Geoscience, Petroleum, Engineering, or Mining take both 409 and 410; students who have an emphasis in GIS, Hydrology, Environmental, or Geoscience Computing only take Geology 409.