



www.geology.usu.edu

Geology Major

General Geology: Geoarchaeology Emphasis –BS

General Education Requirements

- Communications Literacy (CL1 and CL2) 6 credits
- Quantitative Literacy (QL) 3-4 credits
- Quantitative Intensive (QI) 1 course
- Breadth American Institutions (BAI) 3 credits
- Breadth Creative Arts (BCA) 3 credits
- Breadth Humanities (BHU) 3 credits
- Breadth Physical Sciences (BPS) 3 credits
- Breadth Life Sciences (BLS) 3 credits
- Breadth Social Sciences (BSS) 3 credits
- Depth Courses (DHA/DSC/DSS) 4 credits outside major [at least 2 courses]

UtahStateUniversity™



Geology Requirements

<u>Course</u>	<u>Credits</u>	<u>Title</u>
GEO 1110	3	Physical Geology (BPS)
GEO 1115	1	Physical Geology Laboratory
GEO 3200	4	Earth Through Time (DSC)
GEO 3500	4	Minerals and Rocks
GEO 3550	4	Sedimentation and Stratigraphy
GEO 3600	4	Geomorphology
GEO 3700	4	Structural Geology
GEO 4700	3	Geologic Field Methods (CI)
GEO 5200	5	Geology Field Camp
GEO 5680	3	Paleoclimatology
PHYS 2210	4	Physics for Scientists and Engineers I
PHYS 2215	1	Physics for Scientists and Engineers Lab I
CHEM 1210	4	Principles of Chemistry I
CHEM 1215	1	Principles of Chemistry Lab I
CHEM 1220	4	Principles of Chemistry II
CHEM 1225	1	Principles of Chemistry Lab II
ANTH 1030	3	World Archaeology (BSS)
OR		
ANTH 2330	3	Principles of Archaeology (BSS)
ANTH 3300	3	Archaeology in North America (DSS)
OR		
ANTH 3360	3	Utah Archaeology (DSS)
ANTH 5300	3-5	Archaeology Field School
ANTH 5330	3	Geoarchaeology

BIOL 3010	3	Evolution (DSC)
OR		
BIOL 3040	3	Plants and Civilization (DSC)
GEOG 1800	3	Introduction to Geographic Information Sciences
OR		
WATS 5003	4	Remote Sensing of Land Surfaces
OR		
WILD 5750	3	Applied Remote Sensing
PSC 3000	4	Fundamentals of Soil Science
OR		
PSC 5130	4	Soil Genesis, Morphology, and Classification
MATH 1210	4	Calculus I (QL)
STAT 3000	3	Statistics for Scientists (QL)

Students must additionally complete 12 credits from any geology courses numbered 4800 or above (except GEO 5200), including 1 of the following

GEO 5620	3	Global Geophysics (QI)
OR		
GEO 5640	3	Introduction to Seismology
OR		
GEO 5660	4	Applied Geophysics
OR		
GEO 5690	3	Geodynamics