

Major Requirements for a Bachelor of Science in Geology

Chemistry (2 courses – 8 hours)

- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II

Physics (2 course – 8 hours)

- PHYS 2013/2011L College Physics I
- PHYS 2033/2031L College Physics II

OR

- PHYS 2054 University Physics I
- PHYS 2074 University Physics II

Mathematics (2 course – 8 hours)

- MATH 2554 Calculus I
- MATH 2564 Calculus II

World Language up to the Elementary II (1013) level or higher Hours vary

- _____ (1013)

Geology Core (10 courses – 37 hours)

- GEOS 1113/1111L Physical Geology
- GEOS 2313 Mineralogy
- GEOS 3413 Sedimentary Geology
- GEOS 3514 Structural Geology
- GEOS 3873 Geological Data Analysis

- GEOS 4223 Stratigraphy and Sedimentation
- Or**
- GEOS 3313 Igneous and Metamorphic Petrology
- And**
- GEOS 4063 Principles of Geochemistry
- Or**
- GEOS 4433 Geophysics
- Or**
- GEOS 4663 Low-Temperature Geochemistry of Natural Waters

- GEOS 4053 Geomorphology
- GEOS 4924 Earth System History
- GEOS 4686 Geology Field Camp

GEOS Electives (natural and/or technical science related) numbered 3000+ (3 courses – 9 hours)

Note: GEOS 3114-Paleontology, GEOS 4653-GIS Analysis and Modeling, and GEOS 4033-Hydrogeology are recommended GEOS electives.

- GEOS _____ (3000+)
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Science Electives numbered 3000+ as approved by advisor. (1 courses – 3 hours)

- _____

Geology Writing Requirement

- Satisfied by paper in a GEOS (geology) course numbered 3000+ or by completing an honors thesis.