

GEOL - Geology Courses

GEOL B10 Introduction to Geology

3 units

Prerequisites: BC placement into reading level 06 and writing level 06 or successful completion of ACDV B50 or ACDV B61 or equivalent and ENGL B50 or equivalent with a grade of C or better.

Description: Introduction to the principles of geology with emphasis on the structure and origin of the earth, its present and past landscapes and the processes at work changing its surface. Students requiring lab experience should enroll in GEOL B10L concurrently with GEOL B10.

Note: At least one Saturday field trip or equivalent optional. Not open to students who have successfully completed GEOL B1A.

Hours: 54 lecture

C-ID: GEOL 100

Transferable: CSU, UC, and private colleges; IGETC 5.A; CSU GE B.1; BC GE B.1

GEOL B10L Introduction to Geology Lab

1 unit

Prerequisites: Successful completion of GEOL B10 with a grade of C or better. GEOL B10L may be taken concurrently with GEOL B10.

Description: Exercises planned to accompany the lectures of GEOL B10. Identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of volcanism and earthquakes. Field trips required.

Hours: 54 lab

C-ID: GEOL 100L

Transferable: CSU, UC, and private colleges; IGETC 5.C; CSU GE B.3; BC GE B.1

GEOL B11 Historical Geology

3 units

Prerequisites: BC placement into reading level 06 and writing level 06 or successful completion of ACDV B50 or ACDV B61 or equivalent and ENGL B50 or B53 or equivalent with a grade of C or better

Description: An introduction to the formation and development through time of the solid Earth, atmosphere and biosphere. Covers past movements and locations of the continents and interpretation of past environments as recorded in rock and fossil records, including the dinosaurs. Students requiring lab experience should enroll in GEOL B11L concurrently with GEOL B11. At least one Saturday field trip or equivalent required.

Hours: 54 lecture

C-ID: GEOL 110

Transferable: CSU, UC, and private colleges; IGETC 5.A; CSU GE B.1; BC GE B.1

GEOL B11L Historical Geology Lab

1 unit

Prerequisites: Successful completion of GEOL B11 with a grade of C or better. GEOL B11L may be taken concurrently with GEOL B11.

Description: Exercises planned to accompany the lectures of GEOL B11. Identification and description of sedimentary rocks and fossils. Stratigraphic section, relative dating, and geologic map exercises. Introduction to classification using cladistics. A Field Trip is required.

C-ID: GEOL 110L

Hours: 54 lab

Transferable: CSU, UC, and private colleges; IGETC 5.C; CSU GE B.3; BC GE B.1

GEOL B21 Topics in Geology

1 units

Recommended: BC placement into reading level 06 or successful completion of ACDV B50 or ACDV B61 or equivalent with a grade of C or better, and a college Geology or Earth Science course with a grade of C or better.

Description: Introduces the student to fundamental topics in field geology, where students receive lecture preparation involving equipment use, specific geological processes, aerial photos, topographic and geologic map interpretation for a particular field site, culminating in an actual related field study.

Hours: 18

Transferable: CSU and private colleges.