

Geology (GEO)

GEO 101. Intro to Physical Geology. 4 Credits.

Introductory geology emphasizing the physical constitution of the Earth's interior and surface. Co-requisite: GEO 102. This course does meet the laboratory science requirement. Course Fee: \$5.00 Formerly ESCI 204.

GEO 102. Intro to Physical Geology Lab. 0 Credits.

Laboratory for GEO 101. Co-requisite: GEO 101 Formerly ESCI 204.
Course Fees: \$5.35

GEO 191. Special Topics. 1-12 Credits.**GEO 192. Independent Study. 1-12 Credits.****GEO 206. Dinosaur Paleobiology. 4 Credits.**

This course covers the history of dinosaur paleontology, and the evolution, classification, and life history strategies of the major groups of dinosaurs. Basic concepts of geology, plate tectonics and identifying characteristics of ancient Mesozoic environments will also be covered. Lab exercises include local field trips and lab identification of Montana dinosaur fossils. Application of the scientific method is emphasized throughout the course. Dinosaur discoveries from various parts of the world will be discussed, but this course will focus on the abundant and significant dinosaur finds from Montana and the surrounding region. Prerequisite: one college-level science course or consent of instructor. Formerly ESCI 205.

GEO 211. Earth History and Evolution. 4 Credits.

Introductory geology emphasizing the evolution of the Earth and life through geological time. GEO 101 and GEO 102 is recommended. Co-requisite: GEO 212. This course does meet the laboratory science requirement. Course Fee: \$5.00 Formerly ESCI 206.

GEO 212. Earth History & Evolution Lab. 0 Credits.

Laboratory for GEO 211. Co-requisite: GEO 211 Formerly ESCI 206.
Course Fees: \$5.35

GEO 291. Special Topics. 1-12 Credits.**GEO 292. Independent Study. 1-12 Credits.****GEO 298. Cooperative Education. 1-12 Credits.****GEO 314. Intro to Paleontology. 3 Credits.**

This course will provide an introduction to paleontology and the various procedures in the field with special emphasis on Montana and Alberta Fossils. Prerequisite: one college level science course or consent of instructor. This course does meet the laboratory science requirement. Course Fee: \$5.00 Formerly ESCI 310.
Course Fees: \$10.75

GEO 328. General Hydrology. 3 Credits.

An overview of the water cycle with special emphasis on flowing and standing water systems. Offered alternate years. This course does not meet the laboratory science requirement. Formerly ESCI 315.

GEO 391. Special Topics. 1-12 Credits.**GEO 392. Independent Study. 1-12 Credits.****GEO 398. Cooperative Education. 1-12 Credits.**