

EARTH SCIENCE (ERTH)

ERTH 152 Introduction to Physical Geology 4 cr

Studies the earth, including the origin and types of earth materials, volcanism and crystal deformation, external earth processes and development of landscapes, geological resources, and geological processes as natural hazards.

Corequisite: ERTH 152L

Attributes: Core Science & Tech w/lab (CSTL), Environmental Studies (ENVI)

ERTH 300 Topics in Physical Geography 1-4 cr

Analyzes and evaluates selected contemporary problems in Earth Science.

Prerequisite: ERTH 152

Attributes: Environmental Studies (ENVI)

Repeatable: Unlimited Credits

ERTH 312 Introduction to Soil Science 4 cr

Focuses on soil formation, glacial sediments, chemical and biological soil processes, and soil fertility. Topics of special interest will include sustainable agriculture and permaculture, environmental contaminants, deforestation and erosion, and wetlands. Required laboratory with emphasis on field work.

Prerequisite: ENVI 150H or ERTH 152

Corequisite: ERTH 312L

ERTH 330 National Parks and Monuments 3 cr

Studies the topography, geology, climate, flora, fauna and scenic qualities of national parks and monuments by describing the history of the national park system and factors threatening its existence.

Prerequisite: Completion of Tier II Science and Technology Requirement

Attributes: Environmental Studies (ENVI)

ERTH 500 Independent Study 1-3 cr

Independent effort directed to the in-depth study of some aspect of earth science.

Prerequisite: Department approval

Attributes: Environmental Studies (ENVI)

Repeatable: Maximum of 12 credits