

Earth Science (ERSI)

ERSI 104 Introduction to Earth Sciences

5 credits | NSL

Quarter(s): F

Provides a comprehensive picture of Earth and its unique place in the universe by examining major concepts from geology, oceanography, meteorology, and astronomy. Topics include Earth-Sun relationships, plate tectonics, rock cycle, evolution of stars, composition and structure of atmosphere, hydrosphere, and lithosphere, characteristics of oceans, solar systems, and stars. Lab hours are required for this course.

Prerequisite: None

ERSI 105 Earth Systems

5 credits | NSL

Quarter(s): F, W, Sp

Presents a holistic view of Earth (our environments) as a system with emphasis on understanding the relationships of humans, atmosphere, hydrosphere, solid Earth, and biosphere. Major concepts are drawn from astronomy, meteorology, oceanography, geography, geology, biology, and ecology. Human's part, effects, and relationships within the global ecosystem and Earth Systems are analyzed, as well as our dependence and interconnections with natural resources. Includes lab. Lab hours are required for this course.

Prerequisite: None

ERSI 109 Energy and Our Planet: Earth Sciences

5 credits | NSL

Earth science is an explanation of the earth system and the energy that powers its subsystems. Concepts are from astronomy, meteorology, oceanography, geology, physical geography and ecology. Students will gain an understanding of the natural world and science, as well as develop skills to apply and teach how scientific principles apply to everyday life. Intended primarily for elementary education and early childhood education majors. Part of a three quarter sequence; students are not required to take entire sequence. Includes lab. Lab hours are required for this course.

Prerequisite: None.

ERSI 288 Cooperative Work Experience

1-15 credits

Provides work-based learning experience in a specific program of study. Individualized student outcomes are developed, focusing on behaviors that contribute to workplace success. Prerequisites: Instructor or Cooperative Education Coordinator permission. Concurrent requirements: COLL 289 or BUS 294 must be taken prior to or concurrent with this course.

ERSI 299 Independent Study

1-10 credits

Offers individualized learning opportunities for knowledge or skill development. Content and expectations are established between the student and instructor, and documented in an Independent Study contract. Prerequisites: By instructor permission only.