EARTH SCIENCE (ES)

ES 1000 Introduction to Planetary Science (3 Credits)
Intended for non-science majors. Emphasizes comparative planetology: the study of the Earth as a planet and of the other planets as worlds and how studying other planets helps us understand the Earth. Imbeds the nature of science, the impact of science on society and technology, and the study of historic and general astronomy topics that relate to planetary science. Springs.

ES 2170 Introduction to Oceanography (3 Credits)
A survey of geological, physical, and chemical processes concerning the world's oceans. These disciplines are related to biological activities in order to develop an environmental awareness for the oceans. The integrated nature of ocean studies through these sciences is a major theme and is applied to current global issues and human impacts on the oceans. Additional course fee required. Springs.

ES 2600 Earth Systems Science: Managing the Earth’s Resources (4 Credits)
Helps students use knowledge of the Earth and its systems to improve their personal life and the quality of life of humans everywhere. Focuses on the foundations of Earth systems science and Earth processes by examining the planet’s resources and pollution of earth systems. Additional course fee required. Springs.

ES 2700 Earth Systems Science: The Hazardous Earth (4 Credits)
Helps students use knowledge of the Earth and its systems to improve their personal life and the quality of life of humans everywhere. Focuses on the foundations of Earth systems science and Earth processes by studying natural hazards, i.e., earthquakes, volcanoes, rivers and flooding, etc. Additional course fee required. Falls.