

Geology 210
Earthquakes: Science and Public Policy
(2 units)

This course fulfills the Science and Technology (B.4) requirement in the Natural Sciences Breadth Area of the CSUSB General Education Program. The University expects students who successfully complete this requirement to be able to:

Apply the principles, concepts and methods of the natural sciences to everyday life. Specifically, students will be able to examine, from a scientific perspective, an important current scientific, health-related, or technological issue and to relate scientific principles to the societal impact of the issue under examination. In particular, students will be able to

Objectives:

1. Find and evaluate information relevant to the scientific understanding of a particular contemporary issue
2. Identify the important principles in the natural sciences underlying that particular issue
3. Recognize the limits of science when applied to problems in the natural world.
4. Explain the societal impact and historical context of the issue
5. Discuss the interdependence between science, technology and modern society, including the social, political and economic aspects of that society (e.g., how modern society and the economy depend on science and technology, and how the development of science and technology are influenced by social, economic and political forces; how technology is the result of scientific development, and how technology enables the further development of science).