In Natural Sciences courses, students learn about the scientific view of the universe, the scientific laws governing its behavior, and the nature of scientific inquiry into these phenomena. The courses emphasize basic scientific principles and the way an understanding of these principles helps individuals understand the physical and natural worlds. Students will be expected to integrate information from the natural and physical sciences, and thus to begin the life-long process of arriving at an understanding of the nature of life, the earth, the universe, and interactions among them.

These are basic courses in the sciences or more advanced courses required by a student’s major. Courses must have a lab component.

***Courses in the Natural Sciences category of General Education address the following learning outcomes:***

**I. knowledge of diverse human cultures and the physical and natural world, allowing students to**

a. use theories and principal concepts, both contemporary and enduring, to understand technologies, diverse cultures, and the physical and natural world

b. explain how the combination of the humanities, fine arts, natural and social sciences, and technology contribute to the quality of life for individuals and communities

*c. experience and reflect on global issues*

**II. intellectual and practical skills, allowing students to**

a. make informed judgments

b. analyze data to examine research questions and test hypotheses

c. report information effectively and responsibly

**III. personal and social responsibility, allowing students to**

*c. demonstrate ethical decision making*

**IV. integrative and applied learning, allowing students to**

a. identify and solve problems

Primary learning outcomes are indicated in plain text and secondary learning outcomes are indicated in italics.

Any student needing to arrange a reasonable accommodation for a documented disability should contact Student Access and Accommodation Services at 350 Fell Hall, (309) 438-5853, or visit the website at <https://studentaccess.illinoisstate.edu/>