In Science, Mathematics, and Technology (SMT) courses, students examine the varied nature of scientific, mathematical, and technological knowledge. Students are introduced to the methodologies which investigators in these fields use to develop principles and practices critical to their disciplines, as well as the inter-relationships between focused inquiry and the environment in which these investigations occur.

Courses generally have a science or math course as a prerequisite and are not first-year, introductory-level courses.

This requirement only applies to those students earning a Bachelor of Science Degree. These students must take an additional course from the SMT category

***Courses in the Science, Mathematics, and Technology 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/>