

# PHIL 120 : Science, Technology, and Values

**Credits:** 3

**Class Hours:** 3 lecture

**Description:** This course addresses the relationship between science, technology, and human values with a focus on contemporary problems posed by developments in modern science. This course will include discussion on modern results and historical development of astronomy, evolution, and atomic theory as well as understanding the impact of cognitive and other values on world views.

**Semester Offered:** Fall, Spring

**Designation:**

Foundations: Global and Multicultural Perspectives – FGB (1500 to modern times)

**Course Student Learning Outcomes (CSLOs):**

1. Identify and analyze assumptions and underlying points of view in different scientific methodologies.
2. Apply philosophical theories to particular scientific advancements.
3. Understand and use basic terminology of theories about the goals and progression of science.
4. Demonstrate an understanding of several theories in the philosophy of science.
5. Reflect on, analyze and evaluate ethical dilemmas in science and technology.