

**WILMINGTON UNIVERSITY
COLLEGE OF ARTS AND SCIENCES
BASIC COURSE INFORMATION**

COURSE TITLE: Physical Science (with Lab)

COURSE NUMBER: SCI 105

64 TOTAL HOURS OF INSTRUCTION: 56 Contact Hours
8 Hours Structured External Assignment

PREREQUISITE: None

COURSE OBJECTIVES:

The student will demonstrate a basic understanding of the following:

Laboratory Safety and the Scientific Method.

Basic Physics

- Laws of Motion
- Matter and Energy
- Electricity and Magnetism
- Wave Energy (Light and Sound)

Basic Chemistry

- Atomic Structure
- Chemical Bonds and Reactions
- Ions and Solutions
- Chemistry of Life