

SCIENCE, A.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Altoona

End Campus: Altoona

Program Learning Objectives

Understanding scientific concepts: Students will demonstrate understanding of scientific concepts including the process of science and experimentation.

Understanding Chemistry Concepts: Students will demonstrate a thorough knowledge of basic chemistry principles.

Understanding Biological concepts: Students will demonstrate a thorough understanding of biological concepts including cellular organization, genetics, physiology, ecology, and evolution.

Understanding Physical concepts: Students will demonstrate a thorough understanding of physical concepts including fundamental laws of physics.

Interpreting scientific data and primary literature: Students will demonstrate the ability to collect, analyze and interpret scientific data and interpret primary scientific literature.

Communication: Students will demonstrate the ability to communicate scientific findings via oral and written communication.

Scientific skills: Students will demonstrate appropriate laboratory skills including scientific technique, maintaining a laboratory notebook, and adhering to safety procedures.