

PHARMACOLOGY AND TOXICOLOGY, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Program Learning Objectives

- **Physical, Biological and Toxicology Competencies:** Students will exhibit specialized competencies in toxicology and pharmacology based upon a solid grounding in the physical and biological sciences.
- **Research Experience:** Students will have access to meaningful research experience and the professional development that accompanies such training including the ability to formulate a research question and design experimental procedures.
- **Collaborative Learning, Critical Thinking and Communication:** Graduates will demonstrate collaborative learning, critical thinking, and research skills, as well as skills to communicate effectively to professional and lay audiences.
- **Career planning and advancement:** Graduates will be prepared to succeed in industry, government, academic research, and in graduate and professional study.
- **Ethics and Toxicology Outreach:** Students will apply ethical principles in conducting scientific research and apply their expertise to a broader health and societal context.