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.