

# PHARMACOLOGY AND TOXICOLOGY

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## Pharmacology and Toxicology - Undergraduate Minor

The interdisciplinary pharmacology and toxicology minor is intended to significantly increase the number of ISU graduates who can:

- Understand, use and define key terms and concepts related to pharmacology and toxicology;
- Apply concepts and standard practices in pharmacology and toxicology to solving practical problems relevant to these fields;
- Analyze scientific data in pharmacology and toxicology;
- Synthesize detailed and accurate descriptions of current knowledge on key topics in pharmacology and toxicology;
- Make informed decisions about current controversies in pharmacology and toxicology, using appropriate scientific methods and ethical reasoning.

The minor in Pharmacology and Toxicology may be earned by completing the following courses. All minors require at least 15 credits; 9 credits of the courses listed in the minor must not be used to meet any other department, college, or university requirement except the credit requirement for graduation. There are three required courses for all Pharmacology and Toxicology undergraduate minors: TOX 401, B M S 439, and one physiology course selected from B M S 329, BIOL 334 or BIOL 335. The remaining credits are fulfilled by any of the electives listed below.

TOX 401	Principles of Toxicology	3
B M S 439	Principles of Pharmacology	4
Select one of the following:		3-4
B M S 329	Anatomy and Physiology of Domestic Animals	
BIOL 335	Principles of Human and Other Animal Physiology	
Total Credits		10-11