PHARMACOLOGY & TOXICOLOGY (PTX)

College of Agricultural & Environmental Sciences

PTX 201 — Principles of Pharmacology & Toxicology I (5 units)
Course Description: First of three courses presenting fundamental principles of pharmacology and toxicology.Introductory overview of basic concepts in pharmacology/toxicology, followed by in-depth blocks on fate processes of chemicals in the body, fate processes in tissue selective responses, selective toxicity employed therapeutically.
Prerequisite(s): BIS 102; NPB 101.
Learning Activities: Lecture 5 hour(s).
Grade Mode: Letter.

PTX 202 — Principles of Pharmacology & Toxicology II (4 units)
Course Description: Second of three courses presenting fundamental principles of pharmacology and toxicology. Principles of pharmacodynamics and mechanisms of drug/toxicant actions.
Prerequisite(s): PTX 201.
Learning Activities: Lecture 4 hour(s).
Grade Mode: Letter.

PTX 203 — Principles of Pharmacology & Toxicology III (4 units)
Course Description: Integrated physiological systems, cardiovascular and nervous systems and how drugs and toxicants act to perturb function.
Prerequisite(s): PTX 201; PTX 202.
Learning Activities: Lecture 4 hour(s).
Grade Mode: Letter.

PTX 215 — Electrophysiology Techniques & Applications (3 units)
Course Description: Broad scope of topics in electrophysiology techniques and applications.
Learning Activities: Lecture 1.50 hour(s), Discussion 1.50 hour(s).
Cross Listing: MCP 215.
Grade Mode: Satisfactory/Unsatisfactory only.

PTX 230 — Advanced Topics in Pharmacology & Toxicology (1-3 units)
Course Description: In-depth coverage of selected topics for graduate students in Pharmacology-Toxicology and related disciplines. Topics determined by instructor in charge for each quarter.
Prerequisite(s): PTX 201; and consent of instructor.
Learning Activities: Lecture 1 hour(s), Discussion 1 hour(s), Seminar 1 hour(s).
Grade Mode: Letter.