

M.S. IN FORENSIC TOXICOLOGY

Code	Title	Hours
PHCL 5730	Principles and Systems Toxicology	3
PHCL 5760	Toxicokinetics	3
PHCL 5810	Laboratory Quality Assurance and Quality Control	3
PHCL 5800	Principles and Methods of Forensic Toxicology	3
PHCL 6710	Fundamentals of Biostatistics and Research Analysis	3
PHCL 6800	Drug Metabolism and Molecular Toxicology	3
PHCL 6810	Forensic Toxicology and the Law	3
PHCL 6820	Forensic Toxicology Capstone	3
PHM 5100	Research in Pharmaceutical Science: Ethics & Methods	3
PHM 5110	Clinical Trials and Regulatory Affairs	3

Combined bachelor's to master's - Drug Discovery and Design, BSPS to Forensic Toxicology, MSPS

Undergraduate students accepted to the Drug Discovery and Design, BSPS option will be admitted to the Forensic Toxicology, MSPS and allowed to complete up to three graduate level classes (nine credit hours) during their final two academic years of undergraduate studies. Students admitted to the pipeline program must apply for admission to the College of Graduate Studies for the semester in which they intend to matriculate. They will then continue into the graduate program upon completion of the undergraduate degree requirements. The graduate coursework (up to nine hours) may be applied to the completion of both undergraduate and graduate degree requirements. It will be the joint responsibility of the faculty and administrators in the undergraduate and graduate programs to supervise students admitted to the combined program option, to ensure that the limit of nine hours taken as an undergraduate is strictly enforced, and to request that the College of Graduate Studies change their matriculation from Undergraduate to Graduate when they meet all undergraduate degree requirements.

The following provisions apply for classes taken for graduate credit:

1) graduate classes taken at The University of Toledo only after the student is accepted in the program, 2) PHM 5100, PHM 5110, and PHCL 6710 may be included in the approved nine semester hours of graduate credit taken as an undergraduate. Students interested in the combined program must submit a graduate admission application to the College of Graduate Studies.

- PLO 1. Describe and comply with standards of ethical conduct of research.
- PLO 2. Develop a novel research project while applying pharmaceutical science knowledge and skills to solve problems.
- PLO 3. Apply knowledge and skills of pharmaceutical sciences while working in a team format.
- PLO 4. Interpret and critically evaluate literature in pharmaceutical science disciplines while identifying gaps in current knowledge.

- PLO 5. Apply pharmaceutical science principles while designing, implementing, and analyzing the results of an independent research project in a discipline.
- PLO 6. Propose and defend novel research in both written and oral forms.