

Program Overview

Clinical Toxicology Concentration

Congratulations on your acceptance to the Master of Science in Pharmacy with a concentration in Clinical Toxicology! As a new student we expect that you are eager to begin mapping out your journey. Use this document and the planning tool to do just that!

Please read all the requirements below that you must follow on the road to graduation. If you have questions about course content or course order, contact your academic advisor, Dr. Oliver Grundmann, at grundman@ufl.edu. If you have questions about registration, admission, or anything else, contact [dessa@ahc.ufl.edu](mailto:dess@ahc.ufl.edu).

Core-Required Courses

Core-Required Courses must be completed before your final semester and should be completed before the Required Courses.

Course #	Course Title	Credits	Spring	Summer	Fall
PHA 6556	Introduction to Clinical Toxicology	3	x	x	x
PHA 6935	Epidemiology and Biostatistics in Clinical Toxicology	3	x	x	x
VME 6602	General Toxicology	3	x		x
PHA 6557	Clinical Toxicology 1	3		x	x
VME 6605	Toxic Substances	3	x	x	
VME 6766	Laboratory QA/QC	3	x	x	x

Required Courses

Required Courses can be taken in any order and any semester, however, Literature Survey and Special Topics must be taken in your final semester.

Course #	Course Title	Credits	Spring	Summer	Fall
PHA 6935	The Toxicology of Licit and Illicit Drugs of Abuse	3	x	x	
PHA 6425	Drug Biotransformation and Molecular Mechanisms of Toxicity	3	x		X
PHA 6417 OR PHA 6935	Pharmaceutical Analysis 2 Biosecurity and Microbial Forensics	3	x	x	x
PHA 6354 OR PHA 6534 OR PHA 6357	Natural Medicinal Products Toxicology of Chemical Weapons Herbal and Dietary Supplements	3	x	x	x
PHA 6936	Literature Survey of Clinical Toxicology	1	x	x	x
PHA 6936	Special Topics in Clinical Toxicology (final exam using ProctorU)	1	x	x	x

Graduation

- Students graduating in the **Fall/Spring** must take at least **3 credits** in the final semester and should plan to take a Required Course in addition to Special Topics and Literature Survey. Students graduating in the **Summer** must take at least **2 credits** in the final semester.
- 32 credits are required to complete the degree.
- Only courses completed with a grade of C or higher can be counted toward the degree.
- You must maintain both an **overall GPA and major GPA** of a 3.0 or higher to graduate.
- Upon completion of the program, graduates will earn a Master of Science in Pharmacy with a major in Pharmaceutical Sciences and a concentration in Clinical Toxicology issued by the Graduate School of the University of Florida. Your transcript will read Master of Science in Pharmacy, graduation date, major Pharmaceutical Sciences, concentration Clinical Toxicology. Your diploma will read Master of Science in Pharmacy major Pharmaceutical Sciences.