

Pharmaceutical Chemistry Master's Program Course Overview

Congratulations on your acceptance into our Pharmaceutical Chemistry Master's program! As a new student, we expect that you are eager to begin mapping out your journey as a distance learning student!

Please read all the requirements, detailed below, that you must follow on the road to graduation. 32 credits are required to complete the degree.

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 6432	Principles of Pharmaceutical Chemistry	1	x	x	x
PHA 6535	Principles of Nucleotide Activity	2	x	x	x
PHA 6417	Pharmaceutical Analysis 2 OR	3	x		x
PHA 6935	Organic Structure Elucidation				
VME 6766	Laboratory QA/QC	3	x	x	x
PHA 6444	Pharmaceutical Chemistry 1	3	x	x	
PHA 6543	Pharmaceutical Chemistry 2	3		x	x

Required Courses

Required Courses must be taken before graduation and can be completed in your final semester. These courses can be taken in any order but Special Topics must be taken in your final semester.

Course #	Course Title	Credits	Spring	Summer	Fall
PHA 6935	Metabolic Biochemistry	3	x		x
PHA 6425	Drug Biotransformation & Molecular Mechanisms of Toxicity	3	x		x
VME 6650	Principles of Mammalian Pharmacology	4		x	x
PHA 6471	Synthetic Medicinal Chemistry OR	3	x		x
PHA 6935	Introduction to Medical Bioethics				
PHA 6354	Natural Medicinal Products OR	3	x		x
PHA 6935	Herbal and Dietary Supplements				
PHA 6936	Special Topics in Pharmaceutical Chemistry	1	x	x	x

Students graduating in the Fall/Spring must take at least 3 credits in the final semester. Plan to take a Required Course in addition to Special Topics.

Students graduating in the Summer must take at least 2 credits in the final semester. Plan to take a Required Course in addition to Special Topics.