

PHARMACEUTICAL SCIENCE MINOR

The minor in Pharmaceutical Sciences will provide students with a foundation in the interdisciplinary pharmaceutical sciences field. Students will learn the core concepts and practices of the science of pharmaceuticals, including dosage formulation, manufacturing, quality assurance, and regulatory compliance. Students will understand the principles and approaches of drug discovery, development, and delivery.

Requirements

Code	Title	Hours
Pick 11 credits from the following:		11
CHM 346	Biochemistry	
CHM 335	Survey of Biochemistry	
CHM 341	Molecular Structure Biochemist	
PHS 303 & 303L	Pharma & Biopharmaceutics I and Pharmaceutics Laboratory	
PHS 317	Pharm-Biopharmaceutics II	
Pick 7 credits from the following:		7
BIO 476 & 476L	Molecular Biology and Molecular Biology Lab	
CHM 310	Physical Chemistry I	
CHM 356	Molecular Biology and Genetics	
CHM 361 & 361L	Analytical Chemistry and Analytical Chemistry Laborator	
CHM 411	Medicinal Chemistry	
MAT 128	Applied Statistics	
PHT 305	Fundamentals of Pharmacology	
PHT 306	Biomethods in Pharmac & Tox	
PHT 307	Introduction to Toxicology	
PHT 320	Techniques in Pharmacol & Tox	
PHT 450	Analysis of Publications	
PHS 400 & 400L	Cosmetic Science and Cosmetics Laboratory	
PHS 402	Controlled-Release Dosage Form	
PHS 450 & 450L	Manufacturing Pharmacy and Manufacturing Pharmacy Lab	
Total Hours		18