PHARMACEUTICAL SCIENCES (PHD) - ENVIRONMENTAL TOXICOLOGY EMPHASIS

Description

The Ph.D. in pharmaceutical sciences can be completed with an emphasis in environmental toxicology, medicinal chemistry, pharmaceutics, pharmacology, pharmacognosy, or pharmacy administration.

Minimum Total Credit Hours: 54

Course Requirements

Requirements for each emphasis area are given in the respective program description sections. Each emphasis area requires students to complete a minimum of 36 semester hours of course work and 18 hours of dissertation

Emphasis - Environmental Toxicology

Description

The PhD in pharmaceutical sciences with emphasis in environmental toxicology prepares a graduate to perform independent research and solve problems related to environmental health issues. Graduates are likely to find careers in academics, industry or government service.

Note: For more information, refer to the student handbook

http://pharmacy.olemiss.edu/biomolecularsciences/gradprogram/bms-grad uate-student-handbook/

Goals/Mission Statement

The academic mission of the Department of BioMolecular Sciences, Division Environmental Toxicology is to conduct research and educational activities that seek to identify and resolve problems related to environmental health issues.

Course Requirements

The requirements for the Ph.D. with emphasis in environmental toxicology consist of a minimum of 15 core course hours:

Code	Title	Hours
BMSC 6010	Graduate Student Survival Strategies	2
PHCL 6751	Gen Princ of Pharmacology & Toxicology I	4
PHCL 5470	Introduction to Environmental Toxicology	2
BISC 5004	Biometry	4
BMSC 7999A	Advanced Topics in Toxicology	2
GRAD 6000	Research Ethics	1
5000/6000/7000-level electives (5000-level courses require adviser approval)		12
BMSC 6050	Original Research Proposal BMS	1

Seminar Requirement

Students are required to register for BMSC 6430 BioMolecular Sciences Seminar (Z-grade) every semester, with the exception of those semesters in which the student presents a seminar and instead registers for BMSC 6410 BioMolecular Sciences Seminar (graded). No more than 8 seminar hours can be used toward the 54 minimum total credit hours

A minimum of 18 hours of dissertation research must also be taken to meet degree requirements.

Other Academic Requirements

Original Research Proposal

A student must prepare, submit, and successfully (orally) defend an original research proposal (ORP). Procedures for this requirement will be provided by the department. Students will register for BMSC 6050 Original Research Proposal BMS in the semester they anticipate defending their ORP.

Dissertation

A student must prepare and orally defend a dissertation based on original, independent research in partial fulfillment of their Ph.D. degree.