

# MASTER OF SCIENCE IN TOXICOLOGY, PLAN B

## Requirements Effective Fall 2022

Code	Title	Credits
<b>Core Courses</b>		
ERHS 502	Fundamentals of Toxicology	3
ERHS 601	Metabolism and Disposition of Toxic Agents	3
ERHS 602	Toxicological Mechanisms	3
ERHS 603	Toxicological Pathology	3
ERHS 693C	Research Seminar: Toxicology	1
<b>Toxicology Courses</b> <sup>1,2</sup>		
Select at least 9 credits from the following:		9
BMS 450	Pharmacology	
ERHS 446	Environmental Toxicology	
ERHS 448	Environmental Contaminants	
ERHS 504	Occupational and Environmental Toxicology	
ERHS 507A	Toxicology Toolbox: Fundamentals	
ERHS 507B	Toxicology Toolbox: Metabolism and Disposition	
ERHS 546	Environmental Exposure Assessment	
ERHS 547	Equipment and Instrumentation	
ERHS 549	Environmental Health Risk Assessment	
ERHS 565	Chemical and Biological Warfare Agents	
ERHS 566	Forensic Toxicology	
ERHS 567	Cell and Molecular Toxicology Techniques	
ERHS 568	Pharmaceutical and Regulatory Toxicology	
ERHS 569	Immunotoxicology	
ERHS 733	Environmental Carcinogenesis	
<b>Other Requirements</b>		
Electives <sup>1,2,3</sup>		10
<b>Program Total Credits:</b>		<b>32</b>

A minimum of 32 credits are required to complete this program.

<sup>1</sup> Courses selected in consultation with advisor and graduate committee.

<sup>2</sup> A maximum of 7 credits below the 500-level may be included in the program.

<sup>3</sup> No more than a total of 6 credits of Internship, Independent Study, Group Study, and Research courses may be included in the program.

Successful completion of a comprehensive examination is required.

OR with the consent of the major advisor and program coordinator, preparation of a professional paper under the direction of a Toxicology faculty member may be completed in place of the comprehensive examination. For this option, the student must register for ERHS 695C.