Academic Programs and Curriculum Guide

TOXICOLOGY

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Toxicology—the study of injurious effects of chemicals on living organisms—has become increasingly important against a background of bioterrorism, rapid advances in DNA research, and a constant stream of new industrial chemicals in our environment. Toxicologists are responsible for determining hazards from exposure to chemicals, setting limits of safety, identifying and measuring toxic chemicals by analysis, recommending safe use of chemicals, and determining clinical hazards and treatment of drug overdoses and chemical exposure.

Toxicology is a very diverse field, touching on drug research, pharmacology, chemical analysis, forensics, and environmental pollution, among other disciplines.

A minor in toxicology is available to students interested in environmental issues and in gaining insight into experimental approaches to evaluate drug and chemical toxicity.

Minor in Toxicology

REQUIRED COURSES

Complete the following three courses:

TOX U574 Organ Systems Toxicology 3 SH
TOX U576 Experimental Toxicology 3 SH
TOX U578 Biochemical Toxicology Lab 3 SH

ELECTIVE COURSE OPTIONS

Complete one elective based on your area of interest:

MLS U299 Foundations of Forensic Lab Science 3 SH
TOX U570 Clinical Toxicology 2 SH
TOX U572 Environmental Toxicology 3 SH

GPA REQUIREMENT

2.000 GPA required in the minor