THE UNIVERSITY of MISSISSIPPI

B.S. in Forensic Chemistry

Overview

Degree Requirements

Description

The B.S. program in forensic chemistry is intended for students who seek a career in a local, state, or federal crime laboratory. This program shares many elements in common with the department's B.A. program in biochemistry and therefore provides academic preparation for students who are interested in a career in medicine, dentistry, or other health-related professions.

To enroll in the B.S. in forensic chemistry, students must have successfully completed Chem 105 or be eligible to register for Chem 105, which requires a score of 25 on the mathematics portion of the ACT or a 580 on the mathematics portion of the SAT.

Minimum Total Credit Hours: 120

General Education Requirements

See the 'General Education/Core Curriculum' for the School of Liberal Arts.

Course Requirements

A major in forensic chemistry for the B.S. degree consists of the following 46-50 hours of chemistry courses: Chem 105, 106, 115, 116, 221, 222, 225, 226, 314, 331 or 334, 459, 463 (3 hours), 469, 470, 471, 473, and 512. Also required are Csci 251, Phys 211, 212, 221, 222 or Phys 213, 214, 223, 224; Math 261, 262, 375; Bisc 160, 161, 162, 163, and 336; CJ 415 (or Chem 319) and either 230, 310, or 410; and Phcl 381.

The following courses may not be used for major credit: Chem 101, 103, 104, 113, 114, 121, 201, 202, 271, 381, 382, or 383.

Other Academic Requirements

Students must earn 30 hours in residence, which must include Chem 314, 459, 463, 469, 470, 512, and Phcl 381. The capstone experience of this degree program (Chem 459) is a summer internship in a local, state, or federal crime laboratory.