

## **ZOOL 533- Aquatic Toxicology**

Offered: Every other fall semester

Instructor: Professor: Michael Lydy  
Office: LSII, Room 179  
Office phone: 453-4091, email: [mlydy@siu.edu](mailto:mlydy@siu.edu)  
Text: Fundamentals of Aquatic Toxicology, 2<sup>nd</sup> edition, Gary Rand

The major objectives of this course are to introduce students to the diverse array of toxicological tests that are currently being required by environmental laws, and provide hands-on experience with these techniques through the use of lab exercises. Lab topics include standard acute and chronic toxicity testing, use of passive samplers to access bioavailability, and estimation of uptake and elimination rates of organic contaminants into aquatic species. Prerequisites: ecology and one semester of organic chemistry or consent of instructor.