THE UNIVERSITY of MISSISSIPPI

Emphasis - Pharmacognosy

- M.S. in Pharmaceutical Sciences
- Emphasis - Pharmacognosy

M.S. in Pharmaceutical Sciences
Description
The M.S. in pharmaceutical sciences can be completed with an emphasis in environmental toxicology, medicinal chemistry, pharmaceutics, pharmacology, pharmacognosy, or pharmacy administration.
Minimum Total Credit Hours: 31
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 24 semester hours of course work and 6 hours of thesis.

Emphasis - Pharmacognosy
Description
The M.S. in pharmaceutical sciences with emphasis in pharmacognosy involves the study of bioactive natural substances found in terrestrial and marine organisms.
Course Requirements
Requirements for the M.S. with emphasis in pharmacognosy include 1. Seminar on Topics of Interest in Natural Products (Phcg 543, 643) 2 hours; 2. Natural Product Chemistry (Phcg 627, 628), 6 hours; 3. Selected Topics in Pharmacognosy (Phcg 620): Introduction to Molecular Cell Biology, 6 hours.

The master's candidate will present a minimum of 24 hours of credit in course work past the baccalaureate in addition to 6 hours in thesis (Phcg 697).

The student will need to select at least two additional elective courses, at least one of which must be selected from offerings outside the department.

An M.S. candidate must present two seminars, one on a selected topic and one involving his/her thesis defense.

Other Academic Requirements
A thesis based upon experimental work in the general area of pharmacognosy is required.