

Emphasis - Pharmacognosy

- [M.S. in Pharmaceutical Sciences](#)
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M.S. in Pharmaceutical Sciences **Description**

The M.S. in pharmaceutical sciences can be completed with an emphasis in environmental toxicology, medicinal chemistry, pharmaceuticals, 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 an emphasis in pharmacognosy include:

- Biosynthesis (Phcg 627), 3 hours
- Advanced Biochemistry (Phcg 620, Phcl 669, or equivalent), 3 hours
- Graduate Student Survival Strategies (BMS 601), 2 hours

Students will need to select at least 12 additional elective hours (approved by their committee) at least one of which must be selected from approved offerings outside the department.

Seminar Requirement

Students are required to register for BMS 643 (Z grade) every semester, with the exception of those semesters in which the student presents a seminar and instead registers for BMS 641 (graded). No more than 4 seminar hours can be used toward the 24 minimum total credit hours.

A minimum of 6 hours of thesis research must also be taken to meet degree requirements.

Other Academic Requirements

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

