

## M.S. in Pharmaceutical Sciences

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### Degree Requirements

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

### M.S. in Pharmaceutical Sciences

REQUIREMENT	HOURS	DESCRIPTION
Select an emphasis		Student must enroll in one of the M.S. in Pharmaceutical Sciences emphasis areas: medicinal chemistry, pharmaceuticals, pharmacognosy, environmental toxicology, pharmacy administration or pharmacology/toxicology.
GPA requirements		A cumulative average of not less than 3.0 (B) must be achieved in all graduate work taken.
Pharmacy Dean's approval		This Degree Audit program is an advising tool only. The dean's office will make the final certification that the student qualifies for graduation. The dean's office will also determine if other university or school requirements (GPA, etc.) have been met.

### Emphasis - Medicinal Chemistry

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Medc 501</a> - C min	3	Complete <a href="#">Medc 501</a> with a grade of C or better.
<a href="#">Medc 502</a> - C min	3	Complete <a href="#">Medc 502</a> with a grade of C or better.
<a href="#">Medc 503</a> - C min	3	Complete <a href="#">Medc 503</a> with a grade of C or better.
<a href="#">Medc 543</a> - C min	1	Complete <a href="#">Medc 543</a> with a grade of C or better.
<a href="#">Medc 544</a> - C min	1	Complete <a href="#">Medc 544</a> with a grade of C or better.
<a href="#">Medc 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Medc 697</a> ).
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.

### Emphasis - Pharmacology

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Phcl 501</a> - C min	1	Complete <a href="#">Phcl 501</a> with a grade of C or better.
<a href="#">Phcl 563</a> - C min	4	Complete <a href="#">Phcl 563</a> with a grade of C or better.
<a href="#">Phcl 611</a>	1	Complete <a href="#">Phcl 611</a> .
<a href="#">Phcl 612</a>	1	Complete <a href="#">Phcl 612</a> .
<a href="#">Phcl 643</a>	4	Student must complete at least 4 semester hours of <a href="#">Phcl 643</a> (seminar).
<a href="#">Phcl 651</a> - C min	1	Complete <a href="#">Phcl 651</a> with a grade of C or better.
<a href="#">Phcl 661</a> - C min	4	Complete 661 with a grade of C or better.
<a href="#">Phcl 669</a> - C min	4	Complete <a href="#">Phcl 669</a> with a grade of C or better.
<a href="#">Phcl 675</a> - C min	4	Complete <a href="#">Phcl 675</a> with a grade of C or better.
<a href="#">Phcl 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Phcl 697</a> ).
<a href="#">Psy 603</a> - C min	3	Complete <a href="#">Psy 603</a> with a grade of C or better.
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.



### Emphasis - Pharmacognosy

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Phcg 543</a> - C min	1	Complete <a href="#">Phcg 543</a> with a grade of C or better.
<a href="#">Phcg 620</a> - C min	3	Complete <a href="#">Phcg 620</a> with a grade of C or better.
<a href="#">Phcg 627</a> - C min	3	Complete <a href="#">Phcg 627</a> with a grade of C or better.
<a href="#">Phcg 628</a> - C min	3	Complete <a href="#">Phcg 628</a> with a grade of C or better.
<a href="#">Phcg 643</a>	1	Successfully complete <a href="#">Phcg 643</a> .
<a href="#">Phcg 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Phcg 697</a> ).
Elective courses	2	Student must complete at least two additional elective courses, at least one of which must be selected from offerings outside the department. Each course must be approved by the student's GPC/Chair and completed with a grade of C or better.
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.

### Emphasis - Pharmacy Administration

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Phad 543/544</a>		In addition to the course requirements, student must register for departmental seminar ( <a href="#">Phad 543/544</a> ) each semester (1 credit hour per semester).
<a href="#">Phad 579</a> - C min	3	Complete <a href="#">Phad 579</a> with a grade of C or better.
<a href="#">Phad 687</a> - C min	3	Complete <a href="#">Phad 687</a> with a grade of C or better.
<a href="#">Phad 688</a> - C min	3	Complete <a href="#">Phad 688</a> with a grade of C or better.
<a href="#">Phad 689</a> - C min	3	Complete <a href="#">Phad 689</a> with a grade of C or better.
<a href="#">Phad 692</a> - C min	3	Complete <a href="#">Phad 692</a> with a grade of C or better.
<a href="#">Phad 693</a> - C min	3	Complete <a href="#">Phad 693</a> with a grade of C or better.
<a href="#">Phad 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Phad 697</a> ).
Elective courses	9	Student must complete at least 9 semester hours of elective course work. Courses must be approved by the student's GPC/Chair.
Pharmacy admin orientation		In addition to the course requirements, each student must participate and complete an orientation to the discipline of pharmacy administration.
Statistics course	3	Student must complete one of the following statistics courses with a grade of C or better: <a href="#">Psy 603</a> , <a href="#">Edrs 501</a> , or <a href="#">Soc 501</a> .
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.

### Emphasis - Pharmaceutics

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Bisc 504</a> or <a href="#">Psy 501</a>	4	Complete at least one of the following courses with a grade of C or better: <a href="#">Bisc 504</a> or <a href="#">Psy 501</a> .
<a href="#">Phar 535</a> - C min	3	Complete <a href="#">Phar 535</a> with a grade of C or better.
<a href="#">Phar 543</a> - C min	1	Complete <a href="#">Phar 543</a> with a grade of C or better.
<a href="#">Phar 544</a> - C min	1	Complete <a href="#">Phar 544</a> with a grade of C or better.
<a href="#">Phar 546</a> or <a href="#">660</a>	3	Complete at least one of the following courses with a grade of C or better: <a href="#">Phar 546</a> or <a href="#">Phar 660</a> .
<a href="#">Phar 649</a> - C min	3	Complete <a href="#">Phar 649</a> with a grade of C or better.
<a href="#">Phar 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Phar 697</a> ).



REQUIREMENT	HOURS	DESCRIPTION
Elective courses	8	Complete at least two of the following electives with a grade of C or better in each: <a href="#">Phar 641</a> , <a href="#">Phar 642</a> , <a href="#">Phar 644</a> , <a href="#">Ch E 545</a> , <a href="#">Phar 660</a> , or <a href="#">Phar 650</a> .
Manuscript		Prior to the student's thesis defense, the student must have a minimum of one completed manuscript ready for submission to a referred journal for publication.
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.

### Emphasis - Environmental Toxicology

REQUIREMENT	HOURS	DESCRIPTION
<a href="#">Bisc 504</a> - C min	4	Complete <a href="#">Bisc 504</a> with a grade of C or better.
<a href="#">Phcl 547</a> - C min	2	Successfully complete <a href="#">Phcl 547</a> with a grade of C or better.
<a href="#">Phcl 643</a>	2	Student will present two seminars ( <a href="#">Phcl 643</a> ), one of which can be the student's thesis work.
<a href="#">Phcl 675</a> - C min	4	Complete <a href="#">Phcl 675</a> with a grade of C or better.
<a href="#">Phcl 676</a> - C min	4	Complete <a href="#">Phcl 676</a> with a grade of C or better.
<a href="#">Phcl 697</a>	6	Complete at least 6 hours of thesis ( <a href="#">Phcl 697</a> ).
Submit Thesis		Student must submit a thesis to his/her GPC/Chair. Regulations governing the style, format, paper, abstract and other matters may be found in "A Manual of Thesis and Dissertations" available in the Graduate School Office. After the oral examination has been accepted, the student must present to the Graduate School two unbound copies of the thesis. A copy of the abstract and the thesis binding fee receipt must accompany the copies of the thesis.
Thesis defense		Student must orally defend his/her thesis.

