

◀ MS Pharm Sci - Master of Science in Pharmaceutical Sciences

CON Tox Pharm Sci

Toxicology and Pharmaceutical Sciences

Under Review | Fall 2026

Proposal Information

Status

Active

Workflow Status

In Progress

Refresh  **Form Submission, Proposer**

collapse ▼

Submitted for Approval | Proposer

✓ Todd A Thompson | 9/26/2025 1:59 PM

Department Chair Pre-Approval

Sent Back

← Joe Anderson

Please correct the proposed start date.

9/29/2025 1:37 PM

Form Submission, Proposer

Submitted for Approval | Proposer

✓ Todd A Thompson

Change made to active in Fall 2026 from Spring 2026, as recommended.

9/29/2025 1:46 PM

Department Chair Pre-Approval, Pharmacy

Approved | Department Chair

✓ Joe Anderson | 9/29/2025 4:33 PM

HSC Technical Check Approval, Registrar Technical Check

Approved | HSC Technical Check

✓ Todd Hynson | 9/29/2025 4:47 PM

College/School Dean Approval, College of Pharmacy

Approved | College or School approver

✓ Donald Godwin | 9/30/2025 6:36 AM

HSC Library Approval, HSC Library

Approved | Library Approval

✓ Melissa Rethlefsen | 9/30/2025 8:33 AM

SGPC Approval, Faculty Senate Graduate and Professional Committee

Approved | Chair

✓ Robben Brown | 11/07/2025 10:50 AM

FSCC Member notification, Faculty Senate Curriculum Committee

Notification Sent | Faculty Senate Curriculum Committee Member

- ✉ Joe Anderson
- ✉ Laura Belmonte
- ✉ Sara Ice
- ✉ Mary Rice
- ✉ John Russell
- ✉ SueNoell Stone
- ✉ Jonathan Wheeler
- ✉ Kirsten Thomson
- ✉ Paulo Dutra
- ✉ Randi Archuleta
- ✉ Joan Lucas
- ✉ Julia So
- ✉ Jennifer Henry
- ✉ Christopher Holden
- ✉ Justine Ponce
- ✉ Isabella Goss
- ✉ Vanessa Ferguson
- ✉ Lauren McQuiston
- ✉ Jennifer Laws

Faculty Senate Curriculum Committee Approval, Faculty Senate Curriculum Committee

Approved | Faculty Senate Curriculum Committee Chair

✓ Janet Vassilev

Conditionally Approved 11/14/25 pending written comments from the committee within a week. There were none so it is now approved.

11/21/2025 8:43 AM

— Nicole Capehart

HSC Vice President Academic Affairs Approval, HSC Vice President Academic Affairs

Approved | HSC Vice President Academic Affairs

✓ Shelly McLaughlin | 11/21/2025 9:15 AM

Faculty Senate, Faculty Senate

Waiting for Approval | Faculty Senate Approval

Nancy Middlebrook

Theresa Sherman

Registrar Office Final Approval/Processing, Registrar

Approval | Registrar final approval

Michael Raine

Maggie Sumruld

Notification, Proposer

Notification | Proposer

Todd A Thompson

EMRT notification, EMRT users

Notification | EMRT user

Enrollment Mgt Reporting Team

Lobotrax notification, LoboTrax Team

Notification | LoboTrax Staff

Sherri DeLeve

Paula Freitag

Hannah Epstein

Allie Martinez

Glenda Johnson

Changes

- Department
- Concentration Requirements
- Proposed Effective Term and Year
- Concentration Justification
- Sponsoring faculty/staff member

Show All ▼

Proposal Information

| | | |
|--|--|---|
| Proposed | | Proposed |
| Sponsoring faculty/staff member ⓘ | | Sponsoring faculty/staff email |
| Todd A. Thompson | | tthompson@salud.unm.edu |
| Existing | | Existing |
| Sponsoring faculty/staff member ⓘ | | Sponsoring faculty/staff email |
| College College of Pharmacy | Proposed | Campus Health Sciences Center (Albuquerque) |
| | Department Pharmacy | |
| | Existing | |
| | Department College of Pharmacy | |

Effective Term and Year

| |
|---|
| Proposed |
| Proposed Effective Term and Year |
| Fall 2026 |

Existing
Proposed Effective Term and Year
Fall 2006

Justification

Proposed
Concentration Justification

The Office of Graduate Studies has modified the total number of hours required for completion of a Master's degree for Plan I and Plan II to 30 hours. The requirements for completion of a Master of Pharmaceutical Sciences with a concentration in Toxicology and Pharmaceutical Sciences is not in alignment with the requirements currently specified for Plan I and Plan II. The proposed changes to the curriculum for the Master of Pharmaceutical Sciences with a concentration in Toxicology and Pharmaceutical Sciences modify the curricular requirements for this program so they are in alignment with those specified by the Office of Graduate Studies.

Existing
Concentration Justification

Associated Forms

Select any associated Quali course forms that exist

Select any associated Quali program forms that exist

Proposed
Document uploads

- Proposed MS in Pharmaceutical Sciences Plans v2.docx

Existing
Document uploads

Program Information

Degree Name

MS Pharm Sci - Master of Science in Pharmaceutical Sciences

Degree Type

Master of Science

Program Type

Graduate

Program Description

No Parent Selected

Degree Hours

Varies by program of study

Minimum Major Hours

Degree Requirements

- An individual program of coursework is determined for each student according to his/her career goals by a Committee on Studies. General requirements for graduate admission to and completion of the degree are specified the Graduate Program section of this Catalog. For admission information and more information on the curriculum, visit the College of Pharmacy Web site.

Concentration Information

Concentration Title

Toxicology and Pharmaceutical Sciences

Program Level

Graduate

Concentration Requirements

- Complete 1 of the following

Plan I (Thesis)

- Complete all of the following
 - Complete the following:
 - BIOM501 - Fundamentals for Graduate Research (1)
 - BIOM507 - Advanced Molecular Biology (4)
 - BIOM508 - Advanced Cell Biology (4)
 - Complete at least ~~2~~ 1 of the following:
 - BIOM509 - Principles of Neurobiology (3)
 - BIOM510 - Physiology (3)
 - BIOM514 - Immunobiology (3)
 - BIOM515 - Cancer Biology (3)
 - BIOM522 - Experimental Design and Methods in Molecular and Cellular Biosciences (3)
 - Earn at least ~~8~~ 5 credits from the following:
 - PHRM536 - Introduction to Pharmacogenomics (2)
 - PHRM580 - General Toxicology (3)
 - PHRM594 - Topics in Environmental Disease (1 - 3)
 - PHRM597 - Research Problems in Pharmaceutical Sciences (1 - 6)
 - PHRM598 - Topics in Pharmaceutical Sciences (1 - 3)
 - Complete the following:
 - PHRM576 - Molecular and Cellular Pharmacology (3)
 - Earn at least 4 credits from the following:
 - PHRM593 - Pharmaceutical Sciences and Toxicology Seminar (1)
 - Earn at least 6 credits from the following:
 - PHRM599 - Master's Thesis (1 - 6)

Plan II (Non-Thesis)

- Complete all of the following
 - Complete the following:
 - BIOM501 - Fundamentals for Graduate Research (1)
 - BIOM507 - Advanced Molecular Biology (4)
 - BIOM508 - Advanced Cell Biology (4)
 - Complete at least ~~2~~ 1 of the following:
 - BIOM509 - Principles of Neurobiology (3)
 - BIOM510 - Physiology (3)
 - BIOM514 - Immunobiology (3)
 - BIOM515 - Cancer Biology (3)
 - BIOM522 - Experimental Design and Methods in Molecular and Cellular Biosciences (3)
 - **Complete the following:**
 - **PHRM576 - Molecular and Cellular Pharmacology (3)**
 - Earn at least 11 credits from the following:
 - PHRM536 - Introduction to Pharmacogenomics (2)
 - PHRM580 - General Toxicology (3)
 - PHRM594 - Topics in Environmental Disease (1 - 3)
 - PHRM597 - Research Problems in Pharmaceutical Sciences (1 - 6)
 - PHRM598 - Topics in Pharmaceutical Sciences (1 - 3)
 - ~~Complete the following:~~
 - ~~PHRM576 - Molecular and Cellular Pharmacology (3)~~
 - Earn at least 4 credits from the following:
 - PHRM593 - Pharmaceutical Sciences and Toxicology Seminar (1)

Grand Total Credits: 30

Concentration Description

Toxicology and Pharmaceutical Sciences

The M.S. in Pharmaceutical Sciences with a concentration in Toxicology and Pharmaceutical Sciences encompasses a broad range of scientific disciplines that are critical to the discovery and development of new drugs and therapies, including drug design and chemical biology, pharmaceuticals and drug delivery, radiopharmaceutical target imaging, and pharmacokinetics, pharmacodynamics, drug metabolism, pharmacogenomics, and toxicology. The group is focused on developing outstanding scientists through training in the biomedical and pharmaceutical sciences and disease processes. Specific strengths of the program include gene-environment interactions and the mechanisms by which exposure to environmental hazards adversely affect living organisms. Highly innovative programs such as the New Mexico Center for Environmental Health Sciences, the New Mexico Center for Isotopes in Medicine, the UNM Biomedical Research and Integrative Imaging (BRaIN) Center offer

excellent opportunities for collaborative basic and translational research among faculty in the College of Pharmacy, School of Medicine, and Lovelace Respiratory Research Institute.

These programs are designed to develop outstanding M.S. and Ph.D. research scientists by providing a firm foundation of knowledge in biomedical sciences augmented by an emphasis on research-based, experimental approaches to learning. Areas of research are diverse and current research interests can be found on the program's Web site. Typically, students graduating from this program have gone on to careers in academia, the pharmaceutical industry, government regulatory agencies, and biotechnology firms.

The M.S. in Pharmaceutical Sciences concentration in Toxicology and Pharmaceutical Sciences is available under both Plan I (thesis) and Plan II (non-thesis) in accordance with the regulations found in the Graduate Program section of this Catalog.

Registrar Office Only

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|------------------------------|----------------|--------------------------------|
| CM Concentration Code | Catalog | Catalog Activation Date |
| CON Tox Pharm Sci | Main Campus | 08/01/06 |
| Notes | | BANP |
| | | Concentration Code |