

MIN Pharm Sci Research Develop Minor in Pharmaceutical Sciences Research and Development

Under Review | Fall 2025

Proposal Information

Status

Active

Workflow Status

In Progress

Refresh  **Form Submission, Proposer**

collapse ▼

Submitted for Approval | Proposer

✓ Alisha Ray | 1/27/2025 10:43 AM

Department Chair Approval, Pharmacy

Approved | Department Chair

✓ Joe Anderson | 4/15/2025 5:21 PM

Registrar Technical Check Approval, Registrar Technical Check

Approved | HSC Technical Check

✓ Todd Hynson | 4/17/2025 1:43 PM

College/School Approval, College of Pharmacy

Approved | College or School approver

✓ Donald Godwin | 4/17/2025 3:44 PM

HSC Library Approval, HSC Library

Approved | Library Approval

✓ Melissa Rethlefsen | 4/17/2025 3:52 PM

FSCC Member notification, Faculty Senate Curriculum Committee

Notification Sent | Faculty Senate Curriculum Committee Member

- ☒ Antoinette Abeyta
- ☒ Joe Anderson
- ☒ Randi Archuleta
- ☒ Laura Belmonte
- ☒ Justin Bendell
- ☒ Isabella Goss
- ☒ Sara Ice
- ☒ Megan Jacobs
- ☒ Joan Lucas
- ☒ Justine Ponce
- ☒ Mary Rice
- ☒ John Russell
- ☒ Jennifer Schneider
- ☒ Julia So
- ☒ SueNoell Stone
- ☒ Jonathan Wheeler

Faculty Senate Curriculum Committee Approval, Faculty Senate Curriculum Committee

Approved | Faculty Senate Curriculum Committee Chair

- Janet Vassilev
- ✓ Nicole Capehart

FSCC voted to approve.

5/02/2025 9:11 PM

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

Approved | HSC Vice President Academic Affairs

✓ Shelly McLaughlin | 5/05/2025 8:09 AM

Faculty Senate Approval, Faculty Senate

Waiting for Approval | Faculty Senate Approval

Nancy Middlebrook

Theresa Sherman

External Review - HED CIP code approval, External Review

Approval | HED CIP code approval

Michael Raine

Anna Gay

Reg. Final Approval/Processing, Registrar

Approval | Registrar final approval

Michael Raine

Maggie Sumruld

Notification, Proposer

Notification | Proposer

Alisha Ray

EMRT notification, EMRT users

Notification | EMRT user

Enrollment Mgt Reporting Team

Notification, LoboTrax Team

Notification | LoboTrax Staff

Sherri DeLeve

Paula Freitag

Hannah Epstein

Allie Martinez

Glenda Johnson

Changes

- Composition of new program
- participants
- Sponsoring faculty/staff member
- Sponsoring faculty/staff email
- Proposed Effective Term and Year

Show All ▼

Proposal Information

Proposed

Sponsoring faculty/staff member

Proposed

Sponsoring faculty/staff email

Krystal Ward
Existing
Sponsoring faculty/staff member
Alisha Ray

klward@salud.unm.edu
Existing
Sponsoring faculty/staff email
aliray@salud.unm.edu

College
College of Pharmacy

Department
Pharmacy

Campus
Health Sciences Center
(Albuquerque)

Effective Term and Year

Proposed
Proposed Effective Term and Year
Fall 2025

Existing
Proposed Effective Term and Year
Fall 2024

Justification

Proposed
Program Justification

Updates to the description to better describe the minor. Updates to requirements for the minor to allow for more freedom of choice and reflections course offerings.

Existing
Program Justification

The Pharmaceutical Sciences minor offers students the opportunity to continue to pursue their majors in other STEM fields (such as Chemistry, Biochemistry, and Biology) while gaining additional knowledge and skills needed for employment in the pharmaceutical and biomedical industry. The Pharmaceutical Sciences department of the College of Pharmacy works with a variety of undergraduate students throughout their undergraduate curriculum and this offering would allow those students the chance to go further than volunteering in laboratories, to learning techniques and have that recognized as part of their formal degree program. This program does not duplicate any others as the College of Pharmacy is the only pharmaceutical sciences training program within the state. In addition, this minor program is a reduced version of the Pharmaceutical Sciences BS major, so efforts were made at that time to make sure no duplication were created.

Program Category and Level

Program Category
Minor

Program Level
Undergraduate

Degree, Minor, or Certificate Name
Minor in Pharmaceutical Sciences
Research and Development

Is this program also offered online?

No

File Uploads

Document uploads

Associated Quali Forms

Select any associated course forms that exist

PHRM 302 - Physical Pharmacy and Biopharmaceutics (3)
PHRM 310 - Fundamentals of Pharmacokinetics and Dosage
Forms (3)
PHRM 311 - Introduction to Pharmacology and Medicinal
Chemistry (4)
PHRM 493 - Pharmaceutical Sciences and Toxicology Seminar
(1)
PHRM 497 - Problems in Pharmacy (1 - 5)
PHRM 435 - Quality Control and Regulatory Affairs (3)
PHRM 436 - Introduction to Pharmacogenomics (2)

Select any associated program forms that exist

BS Pharm Sci

Catalog Information

Proposed

Program Description

In addition to the Bachelor of Science in Pharmaceutical Sciences programs, the College of Pharmacy offers a minor in Pharmaceutical Sciences Research and Development. This unique minor allows students to build on the scientific foundation gained in their STEM-related major with a basic understanding of the pharmaceutical sciences, including the biological, pharmacological, and medicinal chemistry principles of drug delivery and the drug discovery and development process. The minor requires a minimum of 18 credit hours in PHRM courses (see below), including 4 elective credit hours designed to allow students to explore their own individual interests and meet their own personal career goals.

(Please note: Pharmacy courses in this minor do not count towards a PharmD degree.)

Existing

Program Description

In addition to the Bachelor of Science in Pharmaceutical Sciences (research and development track), the College of Pharmacy offers a minor in Pharmaceutical Research and Development. This minor is designed for students who do not intend to become pharmacists, but would support students pursuing STEM-related majors with an intent to work in research fields. Graduates with this minor enhance their degree major with pharmaceutical knowledge and laboratory

techniques related to product formulation and manufacturing, clinical research, pharmacology, and pharmacokinetics. As a minor offering, students are able to take advantage of the specific learning opportunities only within UNM at the College of Pharmacy, while also tying that information to their STEM major learning.

Professional Credential/Licensure Program Information

License/Certification associated with program

No

Minor Program Information

Minor Requirements

- Complete all of the following
 - Complete the following:
 - PHRM302 - Physical Pharmacy and Biopharmaceutics (3)
 - PHRM310 - Fundamentals of Pharmacokinetics and Dosage Forms (3)
 - PHRM311 - Introduction to Pharmacology and Medicinal Chemistry (4)
 - PHRM424 - Dosage Forms (3)
 - PHRM493 - Pharmaceutical Sciences and Toxicology Seminar (1)
 - Earn at least 4 credits from the following types of courses:
 - 1. Earn additional at credit least hour 4 of credit PHRM 493; up to 2 hours of PHRM additional 497; PHRM 435 300-400-level PHRM courses. 436 Consult your advisor for elective choices.

Grand Total Credits: 18

Registrar Office Only

CM Program Code MIN Pharm Sci Research Develop	BANP	Banner Program Code	Major Code PSRD
Online Program Code	Online Major Code	Pre-major Program Code	Pre-major Major Code
CIP Code 512003	Concentration Inheritance --		
Catalog Main Campus	Catalog Activation Date 08/01/24		
Notes			