

CM Program Code

Minor in Pharmaceutical Sciences Research and Development

Under Review | Fall 2024

Proposal Information

Workflow Status

In Progress

Faculty Senate Approval, Faculty Senate

expand ▲

Waiting for Approval | Faculty Senate Approval

Rick Holmes

Nancy Middlebrook

Proposal Information

Sponsoring faculty/staff member

Alisha Ray

Sponsoring faculty/staff email

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College

College of Pharmacy

Department

Pharmacy

Campus

Health Sciences Center
(Albuquerque)

Effective Term and Year

Proposed Effective Term and Year

Fall 2024

Justification

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

New program courses

Composition of new program

Existing courses	Revised courses	New Courses	Total Credits
18			18

Pre-proposal (new degrees/certificates only)

Pre-proposal Executive Summary ⓘ

- PS minor executive summary.docx

Program Duplication

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.

Correspondence

- PHARMinorMemo.docx

Pre-proposal Approved?

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Associated 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

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.

Total of 18 credit hours, including required PHRM 302, PHRM 310, PHRM 311, PHRM 424. 1 credit hour of PHRM 493.

Students complete the 18 required hours through elective hours options: 1 additional credit hour of PHRM 493, up to 2 hours of PHRM 497. PHRM 435, PHRM 436.

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)
 - Complete at least courses of the following types:
1 additional credit hour of PHRM 493 up to 2 hours of PHRM 497 PHRM 435 PHRM 436

Grand Total Credits: 14