

# Bachelor of Science

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## Pharmaceutical Sciences

Take your research skills to the next level.



COLLEGE  
OF PHARMACY





## Take your research skills to the next level with our **Bachelor of Science in Pharmaceutical Sciences.**

Our bachelor of science program incorporates hands-on laboratory experience with a comprehensive biomedical sciences curriculum to prepare you for the research environments of tomorrow. Be confident in your skills to be a leader in the flourishing pharmaceutical, biotechnology, cosmeceutical, and related industries.

Graduates of our program look forward to opportunities in areas such as drug discovery, research and development, product formulation and manufacturing, and clinical research.

**Some of the leading companies seeking students with this training include:**



### Customize your experience with our growing catalogue of electives

- PHRM 436/536 - Introduction to Pharmacogenomics (2 credits)
- PHRM 448/548 - Ethics in Clinical Trials (2 credits)
- PHRM 449/549 - Regulatory Issues in Clinical Trials (2 credits)
- PHRM 451/551 - Fundamentals of Clinical Trials (3 credits)
- PHRM 480/580 - General Toxicology (3 credits)
- PHRM 496 - Topics in Pharmacy (1 - 3 credits)
- PHRM 498 - Problems in Pharmacy (1-5 credits)

## What could your path look like?

Fall Semester		Freshman Year		Spring Semester	
ENGL 1110 or 1110X&Y: Comp. I: Exposition	3	ENGL 1120: Comp. II: Analysis & Argue	3		
MATH 1430: Elements of Calculus I	3	CHEM 1225: General Chemistry II	3		
CHEM 1215: General Chemistry I	3	CHEM 1225L: General Chemistry II Lab	1		
CHEM 1215L: General Chemistry I Lab	1	BIOL 2410C: Genetics	4		
BIOL 2110C: Molecular & Cell Biology	4	MATH 1350 Statistics	3		
UNM General Education	3	PHRM 105: Intro to Pharmacy Practice & Pharmaceutical Sciences	3		
<b>Total Hours</b>	<b>17</b>	<b>Total Hours</b>	<b>17</b>		

  

Fall Semester		Sophomore Year		Spring Semester	
PHRM 301: Applied Biochemistry	3	CHEM 302: Organic Chemistry II	3		
CHEM 303L: Organic Chemistry I Lab	1	CHEM 304L: Organic Chemistry II Lab	1		
BIOL 2210: Hum Anatomy & Physiology I	3	BIOL 2225: Hum Anatomy & Physiology II	3		
BIOL 2305C: Microbiology for Health Scis	3	PHYS 1240: Gen Physics II	3		
PHYS 1230: Gen Physics I	3	UNM General Education	3		
<b>Total Hours</b>	<b>13</b>	<b>Total Hours</b>	<b>13</b>		

  

Fall Semester		Junior Year		Spring Semester	
PHRM 301: Applied Biochemistry	3	PHRM 302: Physical Pharmacy & Biopharmaceutics	3		
PHRM 305: Fundamentals of Pathophysiology and Immunology	3	PHRM 310: Fundamentals of Pharmacokinetics & Dosage Forms	4		
CHEM 2310C: Quantitative Analysis	3	PHRM 311: Intro to Pharmacology & Medicinal Chemistry	3		
UNM General Education	4	PHRM 315: Pharm. Scis. Lab Techniques	3		
UNM General Education	3	UNM General Education	3		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>		

  

Fall Semester		Senior Year		Spring Semester	
PHRM 424: Dosage Forms	3	PHRM 476: Molecular and Cellular Pharmacology	3		
PHRM 435: Quality Ctrl & Regulatory Affairs	3	PHRM 4XX: Elective	3		
PHRM 4XX: Elective	3	PHRM 493: Pharm Sci Seminar	1		
PHRM 4XX: Elective	2	UNM General Education	3		
PHRM 493: Pharm Sci & Tox Seminar	1	UNM General Education	3		
Diversity & Inclusion course	3	<b>Total Hours</b>	<b>13</b>		
<b>Total Hours</b>	<b>15</b>	<b>Overall Total Hours</b>	<b>120</b>		



## The UNM Advantage

The UNM College of Pharmacy is the premier destination for exceptional pharmacy and pharmaceutical sciences education, research, and patient care programs. Building on a 75-year legacy of innovation, the College prides itself in preparing the next generation of leaders.

## Groundbreaking Science

The Bachelor of Science in Pharmaceutical Science at the UNM College of Pharmacy is paving a new path in laboratory research preparation. Students studying for this degree obtain hands-on research skills that prepares them for graduate-level research or work in a laboratory setting.

## Built for Researchers

This research-intensive degree best suits students interested in pharmaceutical or related research who are seeking practical research skills and research experience.

## The Lab Awaits You - Apply Now

Apply for the program today by visiting [admissions.unm.edu](https://admissions.unm.edu)

**UNM College of Pharmacy**  
Bachelor of Science in Pharmaceutical Sciences

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