



University of New Mexico College of Pharmacy Pre-Pharmacy Curriculum for Admissions

The Doctor of Pharmacy (PharmD) program is a traditional four-year professional program. Students may complete prerequisite coursework at any accredited two- or four-year institution as part of their pre-pharmacy preparation, and we strongly encourage students to verify course equivalencies with the UNM College of Pharmacy Office of Student Affairs prior to enrollment.

Application to the PharmD program requires completion of 79 credit hours of prerequisite coursework with grades of C or higher, as well as a prerequisite GPA of 2.5 to qualify for interview consideration. Applicants must also submit the PharmCAS application, a letter of intent through PharmCAS, and two letters of recommendation through PharmCAS. Applicants must complete all Biology and Chemistry prerequisites within ten years of the semester in which they matriculate.

Applicants must successfully complete Anatomy and Physiology I and Organic Chemistry I by the end of the Spring term. All remaining prerequisite coursework must be successfully completed by the end of the Summer term.

<u>Semester 1</u>		<u>Semester 2</u>	
English 1110: Composition I	3	English 1120: Composition II	3
Math 1220: College Algebra	3	Chemistry 1215: General Chemistry I	3
Support Course (see reverse side)	3	Chemistry 1215L: General Chemistry I Lab	1
Selective A or B (see reverse side)	3	Economics: Micro (2120) or Macro (2110)	3
		Support Course (see reverse side)	3
Total Hours	12	Total Hours	13
<u>Semester 3</u>		<u>Semester 4</u>	
Chemistry 1225: General Chemistry, II	3	Chemistry 301: Organic Chemistry I	3
Chemistry 1225L: General Chemistry II Lab	1	Chemistry 303L: Organic Chemistry I Lab	1
Biology 2101: Molecules to Cells	3	Selective A or B <i>(Recommended Bio 2102 that could be utilized for Selective B. Bio 2102 is a prerequisite for Bio 302C)</i>	3
Biology 2103L: Introductory Lab	1	Biology 2210: Human Anatomy and Physiology I	3
Support Course (see reverse side)	3	Support Course (see reverse side)	3
Support Course (see reverse side)	3		
Total Hours	14	Total Hours	13
<u>Semester 5</u>		<u>Semester 6</u>	
<i>Students may be eligible to apply for the PharmD Program this year</i>			
Chemistry 302: Organic Chem II	3	Math 1350: Statistics	3
Chemistry 304L: Organic Chem II Lab	1	Biol 2305: Microbiology/Hlth Sci	4
Biology 2225: Human Anatomy and Physiology II	3	Support Course (see reverse side)	3
Biology 302C: Genes to Genomes Lecture and Lab	4	Support Course (see reverse side) OR Biochemistry	3
Support Course (see reverse side)	3	<i>Accepted Biochemistry Courses: (Chem 421, Chem 425, BIOC 423, or BIOC 445)</i>	
Total Hours	14	Total Hours	13

NOTES:

Biol 351&352L can replace Biol 2305C
 Biol 2410L & Bio 2110 can replace Bio 2102, Biol2101, and Bio 2103L
 Psc 2510 can replace Math 1350

Selective and Support

Students must choose their courses in Selective A, Selective B, and Support Courses from the following lists. Please contact the College of Pharmacy Office of Student Services to verify any questions you may have when choosing these courses.

Selective A: Communication

Students are required to select one of the following courses.
Students with previous bachelor's level degree will receive credit for this requirement.

- **Any course from the Communication and Journalism offerings (CJ or COMM)**

Selective B: Critical Thinking

Students are required to select one of the following courses.
Students with previous bachelor's level degree will receive credit for this requirement.

- Pharm 105 – Introduction to Pharmacy Practice
- Phil 1115 – Introduction to Philosophy
- Phil 1130 – Contemporary Moral Problems
- Phil 1120 – Reasoning and Critical Thinking
- Phil 2140 – Professional ethics
- Engl 2120 - Intermediate Composition
- Math 1130 – Survey of Math
- Math 1230 – Trigonometry
- Math 1430 – Calculus I
- Biology 2102 - Organisms to Ecosystems
- **ANY 400 or 300 level Biology or Chemistry course**

SUPPORT COURSES

24 hours of Support Courses are required during pre-pharmacy coursework (21 hours if taking an approved Biochemistry course, see degree plan for approved courses). Students will choose their 24 hours from the following Categories. Credits from math, science, or Non-Professional P.E. courses will not count as Support Courses.

- **Communications** (*English- not 1000 level, Speech Communications, Linguistics, Journalism*)
- **Humanities** (*Literature, History, Religion, Philosophy*)
- **Social and Behavioral Sciences** (*Anthropology, Psychology, Economics, Political Science, Sociology*)
- **Secondary Languages** (*Any, including sign language*)
- **Fine Arts** (*Selected course in the history, appreciation, and criticism of art, music, theater, and dance*)
- **Health Promotions** (*First Aid, Nutrition, Health Education*)
- **Business** (*Business Administration, Management, Accounting*)

Contact the College of Pharmacy Office of Student Affairs for any questions regarding Support Courses.

Contact us at hsc-pharmacy@salud.unm.edu or 505-272-3241.