

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

The Doctor of Pharmacy (Pharm D.) program is a 3-4 year plan. Students can complete prerequisites at any 2 or 4 year College as part of the pre-pharmacy program. Verify all equivalencies with the UNM College of Pharmacy Office of Student Services. Application to the Pharm D program will require completion of: 91 hours of prerequisite courses with an appropriate grade point average, PharmCAS application, letter of intent (submitted through PharmCAS), and three (3) letters of recommendation (submitted through PharmCAS). All non-science prerequisites must be complete before June 31st of the year in which the student plans to matriculate. Applicants must complete all Biology and Chemistry prerequisites within seven years of the semester in which they matriculate.

ALL BIOLOGY, CHEMISTRY, AND PHYSICS COURSES MUST BE COMPLETE BY THE END OF THE SPRING SEMESTER OF THE YEAR OF MATRICULATION

Semester 1

English 1110: Comp. I Exposition	3
Selective A or B (see reverse side)	3
Non-Professional Elective (see reverse side)	3
Non-Professional Elective (see reverse side)	3

Consider taking Math 121 to prepare for Math 180 **Total Hours 12**

Semester 3

Chemistry 1225: Gen. Chem. II	3
Chemistry 1225L: Gen. Chem. II Lab	1
Biol 2110C: Molecular and Cell Biology	4
Phys 1230: Gen Physics I ³	3
Non-Professional Elective (see reverse side)	3
Selective A or B (see reverse side)	3

Total Hours 17

Semester 5

Chem 302 Organic Chem II	3
Chem 304L Organic Chem II Lab	1
Biol 2225 Hum Anat and Physio II	3
Phys 1240: Gen Physics II ⁴	3
Selective A or B (see reverse side)	3

Non-Professional Elective (see reverse side) 3

Total Hours 16

Semester 2

English 1120: Comp. II: Analysis and Argue	3
Math 1430: Elements of Calculus I ¹	3
Chemistry 1215: Gen. Chem. I	3
Chemistry 1215L: Gen. Chem. I Lab	1
Economics: Micro (2120) or Macro (2110)	3
Non-Professional Elective (see reverse side)	3

Total Hours 16

Semester 4

Chem 301 Organic Chem I	3
Chem 303L Organic Chem I Lab	1
Biol 2410C: Genetics	4
Biol 2210: Hum Anat and Physio I	3
Non-Professional Elective (see reverse side)	3

Total Hours 14

Semester 6

Math 1350 Statistics ⁵	3
Biol 2305C Microbio/Hlth Sci ²	4
Selective A or B (see reverse side)	3
Non-Professional Elective (see reverse side)	3
Non-Professional Elective or Recommended Biochem	3

Accepted Biochem Courses; (Chem 421, Chem 425, Bio Chem 423, or Biochem 445)

Total Hours 16

NOTES:

- ¹ Math 1512 can replace Math 1430
- ² Biol 351&352L can replace Biol 2305C
- ³ Phys 1310 can replace Phys 1230
- ⁴ Phys 1320 can replace Phys 1240
- ⁵ Psys 2510 can replace Math 1350

Selective and Electives

Students must choose their courses in Selective A, Selective B, and Non-professional electives 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. Students who have earned a Bachelors' degree or higher are only required to have one Selective A and one Selective B course

Selective A: Communication

Students are required to select two of the following courses. Only one selective A is required if the student has a Bachelor's degree

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

Selective B: Critical Thinking

Students are required to select two of the following courses. Only one selective B is required if the student has a Bachelor's degree

- 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 - Expository Writing
- Math 1130 – Survey of Math
- Math 1230 – Trigonometry
- Math 1440 – Calculus II
- **ANY 400 or 300 level Biology or Chemistry course**

NON-PROFESSIONAL ELECTIVES

24 hours of Non-Professional Electives 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. No credits from math, science, business, or Non-Professional P.E. courses will count at Non-Professional electives.

- **Communications** (*English Writing, not 1000 level, Speech Communications, Linguistics, Journalism*)
- **Humanities** (*Literature, History, Religion, Philosophy*)
- **Social and Behavioral Sciences** (*Anthropology, Psychology, Economics, Political Science, Sociology*)
- **Foreign 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*)

Please contact the College of Pharmacy Office of Student Services for any questions regarding Non-Professional Electives.

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