

University of New Mexico College of Pharmacy PrePharmacy Curriculum for 2011 Admissions

The Doctor of Pharmacy (Pharm. D.) program consists of a 3-4 professional plan. The first three years of pre-pharmacy courses may be completed at the University of New Mexico or at any two or four year college. Equivalent courses taken at these schools will transfer as part of the pre-pharmacy program. Verify equivalencies with the UNM College of Pharmacy advisement office.

Admission to the Doctor of Pharmacy program will require completion of all pre-pharmacy courses, an appropriate grade point average, a letter stating goals for the practice of pharmacy, and three (3) letters of recommendation. Once admitted to the Doctor of Pharmacy program, the student will have four years of professional study.

First Pre-Professional Year

First Semester

English 101: Comp. I: Exposition	3
Selective A or B	3
Nonprofessional Elective	3
Nonprofessional Elective	3
Total Hours	12

*recommend taking Math 121
to prepare for Math 180 in spring

Second Semester

English 102: Comp. II: Analysis and Argue	3
Math 180: Elements of Calculus I ¹	3
Chemistry 121: Gen. Chem. I	3
Chemistry 123L: Gen. Chem. I Lab	1
Economics 106: Microeconomics	3
Nonprofessional elective	3
Total Hours	16

Second Pre-Professional Year

First Semester

Chemistry 122: Gen. Chem. II	3
Chemistry 124L: Gen. Chem. II Lab	1
Biol 201L: Molecular and Cell Biology	4
Phys 151: Gen Physics I ³	3
Nonprofessional Elective	3
Selective A or B	3
Total Hours	17

Second Semester

Chem 301 Organic Chem I	3
Chem 303L Organic Chem I Lab	1
Biol 202L: Genetics	4
Biol 237: Hum Anat and Physio I	3
Nonprofessional Elective	3
Total Hours	14

Third Pre-Professional Year

First Semester

Chem 302 Organic Chem II	3
Chem 304L Organic Chem II Lab	1
Biol 238 Hum Anat and Physio II	3
Phys 152: Gen Physics II ⁴	3
Selective A or B	3
Nonprofessional Elective	3
Total Hours	16

Second Semester

Bioc 423: Introductory Biochem	3
Math 145 Statistics ⁵	3
Biol 239L Microbio/Hlth Sci ²	4
Selective A or B	3
Nonprofessional Elective	3
Total Hours	16

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Selectives

A. Communication Selectives (Students will be required to select at least **two** of the following courses)

6 semester hours total

- a. Public speaking (C&J 130)
- b. Interpersonal communication (C&J 221)
- c. Small group communication (C&J 225)
- d. Business and professional speaking (C&J 332)
- e. Professional communication (C&J 333)

B. Critical Thinking Selectives (Students will be required to select at least **two** of the following courses)

6 semester hours total

- a. Physical chemistry (Chemistry 311)
- b. Expository writing (English 220)
- c. A survey of mathematics (Math 129)
- d. Calculus II (Math 181)
- e. Statistical quality control and improvement (Math 270)
- f. Introduction to philosophical problems (Philosophy 101)
- g. Current moral problems (Philosophy 102)
- h. Reasoning and critical thinking (Philosophy 156)
- i. Professional ethics (Philosophy 245)
- j. Symbolic logic (Philosophy 356)
- k. Quantitative Analysis (Chemistry 253L)

Non-Professional Electives

*Students are required to have completed 21 semester hours of non-professional electives during their prepharmacy coursework

Communication: English writing, speech communications, linguistics or journalism. (English 100, 101 or 102 are not acceptable).

Humanities: Literature (including American English, Foreign and comparative literature) history, or religion, philosophy.

Social/Behavioral Sciences: Anthropology, psychology, economics, human geography, political science or sociology (the basic skills social science 100 course and economics 201 are not acceptable).

Foreign Languages

Fine Arts: Selected courses in the history appreciation and criticism of art, music, theatre and dance.

Health Promotion: First aid, nutrition, health and physical education (No one hour P.E. Course)

¹Math 162 will fulfill requirements for 180

²Biol 351-352L will fulfill requirements for Biol 239L.

³Physics 160 will fulfill requirements for 151

⁴Physics 161 will fulfill requirements for 152

^bPsych 200 will fulfill requirements for Stat 145.