Pre-Pharmacy Study

The equivalent of two years (70 semester credit hours) of college-level liberal arts and basic sciences is the minimum requirement for admission to the professional program. The minimum course requirements for admission to UK’s College of Pharmacy are:

- 2 semesters of English*
- 1 semester of animal biology (with laboratory) (BIO 152) and (BIO 153 or BIO 151)
- 1 semester of microbiology (with laboratory) (BIO 208 or BIO 308) and (BIO 209)
- 1 semester of mathematics (Calculus I) or the combination of 1 semester of college algebra and 1 semester of elementary calculus (MA 113) or (MA 109 and MA 123)
- 1 semester of principles of microeconomics (ECO 201)
- 2 semesters of algebra-based physics (PHY 211 and PHY 213)
- 1 semester of human anatomy (ANA 209)
- 2 semesters of general chemistry (with laboratory) including qualitative analysis (CHE 105, CHE 111, CHE 107, CHE 113)
- 2 semesters of organic chemistry (with laboratory) (CHE 230, CHE 231, CHE 232, CHE 233)
- 1 semester of statistics (STA 291)

Plus, sufficient electives to raise the total hours of credit to at least 70.

*English requirement for UK and Non-UK students interested in pharmacy: University of Kentucky students must take ENG 104, a first-year, 4-credit hour writing course, and an approved English 200-level, 3-credit hour English course for prepharmacy. Non-UK Students: two semesters of English writing/composition and/or English literature, will suffice. For questions about this requirement, contact the Pre-Pharmacy Advisor at (859) 323-2755.

Pre-pharmacy courses should be completed by the end of the spring semester prior to the desired fall enrollment, with one semester completed in a lecture and lab in organic chemistry, physics and either anatomy or microbiology by the end of the fall semester prior to the application deadline.

Students are encouraged to take elective courses that satisfy the UK University Studies Program requirements. Electives to consider are biochemistry, physiology, logic, health care ethics, general psychology, interpersonal communication, public speaking, medical terminology.

Admission to the college is competitive, based on a holistic review of the application, grade-point average, PCAT scores and interview.

For more information, contact the College of Pharmacy at:

University of Kentucky
College of Pharmacy
Academic Affairs
Lexington, KY 40536-0082
(859) 323-6163
www.mc.uky.edu/pharmacy/