

Pre-Pharmacy

Undergraduate Studies

Pre-Pharmacy Study

In spring 2014 the UK College of Pharmacy revised its prerequisite courses for first-time freshmen entering college in fall 2014 or after. 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 introductory biology (with laboratory) (BIO 148) and (BIO 155)
- 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 137) or (MA 109 and MA 123)
- 1 semester of any of the following: principles of microeconomics, principles of macroeconomics, financial accounting, corporation finance (ECO 201, ECO 202, ACC 201, or FIN 300)
- 1 semester of human anatomy (ANA 209)
- 1 semester of elementary physiology (PGY 206)
- 2 semesters of general chemistry (with labs) (CHE 105, CHE 111, CHE 107, CHE 113)
- 2 semesters of organic chemistry (with labs) (CHE 230, CHE 231, CHE 232, CHE 233)
- 1 semester of statistics (STA 296 or BST 230)

Students must complete sufficient electives to raise the total hours, including prerequisites, to 70 or more semester hours.

*English requirement for students interested in pharmacy: University of Kentucky students must take courses which satisfy the Composition and Communications I & II requirements. Non-UK students: two semesters of English writing/composition **and** one semester of basic public speaking will suffice. For questions about this requirement, contact the Prepharmacy Advisor at pharmacyinfo@lsv.uky.edu.

Pre-Pharmacy courses should be completed by the end of the spring semester prior to the desired fall enrollment, with at least one semester completed in a lecture and lab in organic chemistry, 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 their major requirements. Highly recommended electives include biochemistry, genetics, and physics. Other electives to consider: courses required by major; UK Core courses; PharmD Dual Degree prerequisites (if needed); medical terminology; healthcare-related courses; undergraduate courses in Human Health Sciences (HHS), Public Health (CPH), Clinical Leadership and Management (CLM).

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:

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