**PRE-MED**

**pre-professional advising**
At the University of Kentucky (UK), pre-professional programs are interest areas that students complete along-side their UK Core requirements and major curriculum.

Advisors in Undergraduate Studies offer support and guidance to University of Kentucky students from all majors interested in applying to medical school. In addition to outlining necessary coursework and guiding students through application processes, Undergraduate Studies also directs students to University programs, such as UK Education Abroad or the Center for Community Outreach, that foster well-rounded medical school applicants.

**meet with an advisor**
Pre-med students should meet with a pre-med advisor at least twice during their freshman/sophomore years and at least three times during their junior/senior years. Visit uky.edu/us for instructions on setting up an appointment with a pre-professional advisor.

Undergraduate Studies works closely with the University’s James W. Stuckert Career Center to help students with internships, job shadowing opportunities, personal statements and more. Visit uky.edu/careercenter for more information.

**MCAT**
The Medical College Admission Test (MCAT) is a standardized, multiple-choice examination designed to assess problem solving, critical thinking and knowledge of science concepts and principle prerequisites to the study of medicine. Pre-med courses in biology, general chemistry, organic chemistry and physics should be taken prior to taking the MCAT. For a list of required and suggested pre-med coursework, see reverse side.

**connect**
Join the University of Kentucky pre-med listserv to stay connected with pre-med announcements and information sessions. To subscribe to the listserv, send an email message to listserv@lsv.uky.edu and type “SUBSCRIBE PRE-MED-L” in the body of the message.

Visit uky.edu/us for more information and instructions on setting up an appointment with a pre-med advisor.

**prepare**
Successful medical school applicants come from a variety of backgrounds with diverse interests and talents. While philosophies among the nation’s medical schools differ, all recognize the importance of a broad education with a strong foundation in the sciences blended with the social sciences and humanities.

The following is a general outline of medical school requirements (not including UK Core or major requirements):

**First Year**
- CHE 105 General Chemistry I / CHE 111 General Chemistry Lab I
- CHE 107 General Chemistry II / CHE 113 General Chemistry Lab II
- BIO 148 Principles of Biology I / BIO 155 Principles of Biology Lab I
- BIO 152 Principles of Biology II may be taken first or second year

**Second Year**
- CHE 230 Organic Chemistry I / Organic Chemistry Lab I
- CHE 232 Organic Chemistry II / CHE 233 Organic Chemistry Lab II
- Upper division BIO class with lab

**Third Year**
- PHY 211 General Physics I
- PHY 213 General Physics II
- PHY 211 General Physics I
- PHY 213 General Physics II
- PHY 231 General University Physics / PHY 241 General University Physics Lab I
- PHY 232 General University Physics II / PHY 242 General University Physics Lab II

Pre-med students are also strongly encouraged to complete coursework in cell biology, biochemistry, statistics, psychology and sociology. Some medical schools have additional requirements beyond the courses listed above. These may include genetics, immunobiology, microbiology, histology and cell biology. Students should reference the *Official Guide to Medical School Admission Requirements* (MSAR) and specific medical school admission requirements for more information.

Additional information: aamc.org -or- aacom.org