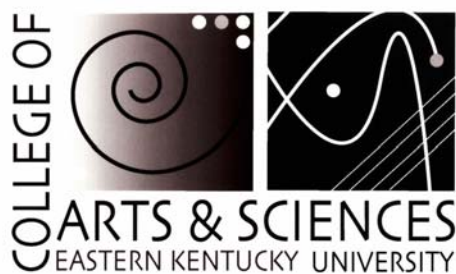


Gateway to



Learning - Discovery - Community

PRE-PHARMACY

DEPARTMENT OF CHEMISTRY
COLLEGE OF ARTS & SCIENCES
EASTERN KENTUCKY UNIVERSITY

Pre-Pharmacy at EKU

The pre-pharmacy program at EKU, a two-year non-degree program, is designed to prepare students for careers in the field of pharmacy. Students must complete a 70-plus hour curriculum and then they may apply to a pharmacy school of their choice. The curriculum is flexible enough to meet the pre-pharmacy requirements of most pharmacy schools. The pre-pharmacy program is science orientated with courses selected from mathematics, biology, chemistry, physics, and statistics.

Careers in Pharmacy

The health care system in the United States is a trillion-dollar industry with total drug costs well exceeding 100 billion dollars. The professional pharmacist is a vital component of the health care and drug delivery system. National surveys consistently have shown that the pharmacy profession is among the most respected of professions. There are many varied career options available to today's pharmacist. Pharmacists are most visible to the public at local, private, and chain businesses and hospitals. However, pharmacy careers extend into all levels of the private sector and are found at local, state, and federal agencies. Career options range from administrative positions, to research & development, marketing, consulting, technical & scientific areas, drug manufacture, academic positions, and drug regulation. Pharmacy can, thus, be a rewarding career both professionally and financially.

Degree Programs

The Department of Chemistry offers a wide array of programs in chemically related fields. The Bachelor of Science in chemistry and its biochemistry option, which are certified by the American Chemical Society, prepare students for advanced training in chemistry, molecular biology, and medicine. The Bachelor of Arts in chemistry prepares students for well-paid industrial jobs, has a high-school teaching option and can be augmented with appropriate courses for pre-optometry, pre-dental, and pre-veterinary studies. The Bachelor of Science in Forensics Science has chemistry and biology options for students seeking careers federal, state and local crime labs. The Pre-Pharmacy Program can culminate in a four-year degree based on the B.A. in chemistry although some students win acceptance after the second, or more commonly, the third year of the program.

For More Information

Office of Admissions
SSB CPO 54
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
www.admissions.eku.edu
800-465-9191
859-622-2106

Department of Chemistry
Moore 337
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
www.chemistry.eku.edu
859-622-1456

Eastern Kentucky University

If you are serious about learning, Eastern Kentucky University is your kind of place. We're committed to helping you realize your potential and achieve your goals. And we'll work hard to provide you with a quality, life-changing learning experience.

As a student at EKU, you'll be taught, challenged and guided by professors who put teaching first. And because we maintain high standards set by national and regional accrediting agencies, we'll have high expectations for you as a student. You'll work hard, and we'll help you succeed.

Most of your classes at EKU will be small and will be taught by professors, not graduate students. You'll study in modern classrooms, laboratories, libraries and other facilities using state-of-the-art technology and equipment. And you'll discover opportunities to enhance classroom learning with hands-on experience through internships or the cooperative education program.

- A comprehensive, public university serving more than 16,000 students.
- Undergraduate and graduate excellence through more than 160 associate, baccalaureate, master's, specialist and cooperative doctoral programs.
- Quality and diversity in faculty and staff.
- Student/professor ratio of 17:1
66-acre main campus in Richmond, educational centers in Corbin, Danville and Manchester, and academic offerings at other sites throughout the Commonwealth.

Education For Life.



Eastern Kentucky
University

WWW.EKU.EDU

PRE-PHARMACY (TWO YEARS)

Students who plan to enter the field of pharmacy may take two years of pre-pharmacy and transfer these credits to a pharmacy school. The courses listed below will meet the requirements of most pharmacy schools. Students wishing to enter the curriculum should determine the admission requirements of the pharmacy school of their choice and after consulting their pre-pharmacy advisor, determine which courses to take.

Major Requirements	27 hours
BIO 141, 171, 320, CHE 111, 112, 115, 116, 361, 362, 366, 367.	
Supporting Course Requirements	17 hours
ECO 230, MAT 124*, PHY 131, 132.	
General Education Requirements	27 hours
Six hours of English composition; 21 hours towards the general education requirements at the chosen pharmacy school.	
University Requirements	1 hour
ASO 100.	
Total Curriculum Requirements	72 hours

*A preparatory course (MAT 109) may be required before admission to MAT 124.

CHEMISTRY COURSES

CHE 111	General Chemistry I
CHE 112	General Chemistry II
CHE 115	General Chemistry Lab I
CHE 116	General Chemistry Lab II
CHE 361	Organic Chemistry I
CHE 362	Organic Chemistry II
CHE 366	Organic Chemistry Lab I
CHE 367	Organic Chemistry Lab II

OTHER COURSES

BIO 141	General Zoology
BIO 171	Human Anatomy
BIO 320	Principles of Microbiology
ECO 230	Principles of Economics I
MAT 109	Precalculus Mathematics
MAT 124	Calculus I
PHY 131	College Physics I
PHY 132	College Physics II