

# Pre-Pharmacy 3-4 Program

The Pre-Pharmacy 3-4 program at Georgetown College enables students to receive two degrees: a Bachelor of Science (BS) degree with a major in Biochemistry from Georgetown College, and a Doctor of Pharmacy (PharmD) degree from the University of Kentucky. Students complete their foundational coursework at Georgetown College in six (6) semesters, with small classes and personalized instruction, before transitioning to the UK Doctor of Pharmacy (PharmD) program. If a student attends other schools of pharmacy after graduation from Georgetown College, please be advised that no special arrangements have been made with other educational institutions.

**Entering the Program:** Any student planning to pursue the Pre-Pharmacy 3-4 program should contact the Georgetown College Program Coordinator before the end of their first semester at Georgetown College.

**Admission to the University of Kentucky:** To be eligible, students must have completed a minimum of 72 credit hours, and fulfilled, qualitatively and quantitatively, the requirements of the pre-pharmacy three-year program of Georgetown College. The student makes formal application for admission to the University of Kentucky Doctor of Pharmacy program prior to the established deadline. The student must also meet the quantitative and qualitative requirements for admission as a professional student to the University of Kentucky College of Pharmacy as determined through application, interview, criminal background check, and drug screening. The student must also meet with the University of Kentucky College of Pharmacy (UKCOP) Pre-Pharmacy Advisor at least once each academic year during the three undergraduate academic years leading to submitting the UKCOP application for admission to ensure that the student is completing the appropriate pre-requisite courses in sequence to facilitate possible admission to UKCOP.

## General Requirements

In order to be eligible to receive a degree from Georgetown College, students must:

- Satisfy the UK College of Pharmacy Pre-Pharmacy coursework at Georgetown College\*
- Satisfy the Nexus program requirement
- Satisfy the Georgetown College Foundations and Core requirements.
- Complete all requirements for the degree at the University of Kentucky
- Have the final University of Kentucky transcript sent back to the Office of the Registrar at Georgetown College and apply for Georgetown College graduation

\*All requirements for the Biochemistry major will be met upon finishing the coursework below. To complete both the Biochemistry major and the pre-pharmacy requirements, pre-pharmacy students may take BIO311 General Microbiology in place of BIO337 Cell Biology, and BIO305/305L Human Physiology I (including lab) in place of BIO325 Genetics and Molecular Biology. Also, CHE327 Medicinal Chemistry may satisfy an upper level CHE course requirement.

Program Contact: Professor Todd Hamilton

UK College of Pharmacy Pre-Pharmacy Coursework	58 hours
Additional Coursework	16 hours
PHARM D Program Accepted Coursework	
Total	74

# UK College of Pharmacy Pre-Pharmacy Coursework

Item #	Title	Credit Hour(s)
BIO111	Biological Principles	4
CHE111	General Chemistry I	3
CHE111L	General Chemistry I Laboratory	1
CHE112	General Chemistry II	3
CHE113	General Chemistry II Lab	1
CHE201	Organic Chemistry I	3
CHE202	Organic Chemistry Lab I - Techniques and Synthesis	1
CHE309	Organic Chemistry II	3
CHE310	Organic Chemistry Lab II - Qualitative Analysis and Synthesis	1
BIO305	Human Physiology I	3
BIO305L	Human Physiology I Lab: Electrophysiology	1
BIO311	General Microbiology	4
BIO325	Vertebrate Anatomy and Embryology	4
PHY211	College Physics I	4
PHY212	College Physics II	4
MAT111	Elementary Probability and Statistics	3
MAT125	Calculus I	3
	EC0221 or EC0223	3
ENG111	English Composition I	3
ENG112	English Composition II	3
COMM101	Principles of Communication	3

## Additional Coursework

The following courses are required to complete the Biochemistry major and will allow the student to meet the minimum hours required for admission to UK.

Item #	Title	Credit Hour(s)
BIO212	Cellular and Molecular Biology	4
CHE331	Physical Chemistry I	4
CHE341	Biochemistry	3
CHE342	Biochemistry Lab	1
	CHE325 or CHE333	1
MAT225	Calculus II	3

## PHARMD Program Accepted Coursework

PHR 911 Cells and Molecules (3 Hours) – accepted as CHE343 Lipid Biochemistry

PHR 912 Foundations in Pharmaceutical Sciences I (3 Hours) – accepted as CHE327 Medicinal Chemistry

PHR 921 Kinetics and Dynamics (4 hours) – accepted as CHE332 Physical Chemistry II

PHR 945 Leadership in Pharmacy (3 Hours) – accepted as CHE450 and CHE451 Seminar I and II

PHR 922 Foundations in Pharmaceutical Science II: Pharmaceutics and Biopharmaceutics (3 Hours)

PHR 926 Integrated Drugs and Disease I: Infectious Diseases (2-4 Hours)

PHR 936 Integrated Drugs and Diseases 2: Neurology (4 Hours)

PHR 937 Integrated Drugs and Diseases 3: Rheumatology (2 Hours)

**Total Transferred Hours = 24-26 Hours**

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**Total credits:**

**74**