



# Pre-Pharmacy Preparation

Pharmacists are licensed healthcare professionals that dispense medications and provide information to patients on their medications. They advise other health care professionals on the selection, dosages, interactions, and side effects of medications. To prepare for a career in pharmacy, a student must complete a Doctor of Pharmacy (Pharm. D.) degree at a professional college of pharmacy.

Most pharmacy programs utilize the PharmCAS application service: [pharmcas.org](http://pharmcas.org). Applicants can apply as early as the summer one year prior to when they plan to enter a program. Some programs may require the PCAT exam: [pcatweb.info](http://pcatweb.info). The PCAT is a specialized test that helps identify qualified applicants to pharmacy colleges. It measures general academic ability and scientific knowledge necessary for successful completion of a program of study.

Below are the requirements to be considered for pharmacy school admission. **Identifying an undergraduate major is based completely on the student's interests and goals.** Biology, biochemistry, neuroscience, or health science, with a chemistry minor, are some programs to consider. Pharmacy schools do not favor a particular major.

## GENERAL REQUIREMENTS

Additional coursework in humanities and social sciences is often required. Check with your destination program.

### ENGLISH

EN 110	Writing and Inquiry I
EN 111	Writing and Inquiry II

### CHEMISTRY

CH 103/L	General Chem. I w/Lab
CH 104/L	General Chem. II w/Lab
CH 225/L	Organic Chem. I w/Lab
CH 226/L or	Organic Chem. II w/Lab
CH 324/L	Biochemistry I w/Lab

### MATH

MA 121	Calculus I
MA 232	Elementary Statistics

### BIOLOGY

BI 101/L	Principles of Biology I w/Lab
BI 102/L	Principles of Biology II w/Lab
BI 215/L	Human Anatomy & Phys. I w/Lab
BI 216/L	Human Anatomy & Phys. II w/Lab
BI 220/L	Introductory Microbiology w/Lab
*BI 303/L	*Genetics w/Lab

### PHYSICS

PS 201/L or	General Physics I w/Lab
PS 211/L	University Physics I w/Lab
PS 202/L or	General Physics II w/Lab
PS 212/L	University Physics II w/Lab

\* Recommended

For additional information, please visit American Association of Colleges of Pharmacy: [aacp.org](http://aacp.org).