



## Pre-Pharmacy Preparation

Pharmacists are the licensed health care 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 ([www.pharmcas.org](http://www.pharmcas.org)). Applicants can apply as early as the summer one year prior to when they plan to enter a program and must take the PCAT exam: <http://www.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 the commencement of pharmaceutical education.

Below are the requirements to be considered for Pharmacy School admission. As long as the requirements are met, **identifying an undergraduate major is based completely on the student's interests and goals – AEROSPACE PHYSIOLOGY major fulfills the below criteria as well as the experiential component that most schools require.** Pharmacy schools do not favor any particular major.

### GENERAL REQUIREMENTS

Coursework in humanities and social sciences (especially psychology and sociology).

#### English

COM 122 English Composition  
COM219 Speech Communication

#### Chemistry

CHM 110/L General Chem. I w/Lab  
CHM 111/L General Chem. II w/Lab  
CHM 210/L Organic Chem. I w/Lab  
CHM 211/L Organic Chem. II w/Lab  
CHM 310/L Biochemistry w/Lab

#### Math

MA 220 Quantitative Methods II (calculus)  
MA 222 or Business Statistics or  
PSY 312/L Research Analysis in Psychology and  
Laboratory

#### Biology

BIO 120/L Foundations of Biology I w/Lab  
BIO 121/L Foundations of Biology II w/Lab  
BIO 215/L Genetics w/Lab  
BIO 216/L Microbiology w/Lab  
BIO 305/L Human Anatomy & Phys. I w/Lab  
BIO 306/L Human Anatomy & Phys. II w/Lab  
BIO 405/L Molecular and Cell Biology w/Lab

#### Physics

PS 113/L Introductory Physics I w/Lab  
PS 117/L Introductory Physics II w/Lab

**For additional information, please visit the following website:**

American Association of Colleges of Pharmacy - <http://www.aacp.org>