



## 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 103	Technical Physics I
PS 104	Technical Physics II
PS 115L	Technical Physics I Lab
PS 116L	Technical Physics II Lab

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

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