



## 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 105/L	General Chem. I w/Lab
CHM 106/L	General Chem. II w/Lab
CHM 200/L	Organic Chem. I w/Lab
CHM 201/L	Organic Chem. II w/Lab
CHM 300/L	Biochemistry w/Lab

#### Math

MA 112	College Math for Aviat. II (calculus)
MA 222	Business Statistics

#### Biology

BIO 104/L	Foundations of Biology I
BIO 105/L	Foundations of Biology II
BIO 200	Genetics
BIO 201	Microbiology
BIO 301	Human Anatomy and Physiol. I
BIO 302	Human Anatomy and Physiol. II
BIO 400	Molecular and Cell Biology

#### 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 web site:**

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