Requirements for Pre-Pharmacy Professionals

Choosing a Major:
- See an Advisor
- Pre-pharmacy students must choose a major (pre-pharmacy is not a major).
- Commonly chosen majors include biology, chemistry, biomedical engineering or physics. However, any major is acceptable, so long as students complete the pre-pharm requirements.

Qualities of Professional School Applicants:
1. A high GPA in science and non-science courses – a competitive GPA is above a 3.3
2. High Score on the PCAT exam.
3. Active in volunteer/work experience/extracurricular events
4. Well known by professors
5. Great letters of recommendation and evaluations
6. Have a strong, working relationship with the Pre-Health Advising Office!

Common Pre-requisites for Admission to Pharmacy Schools:

**Biology**
- BSC 1010, 1010L (General Bio I & Lab)
- BSC 1011, 1011L (General Bio II & Lab)

**General Chemistry**
- CHM 1045, 1045L (Gen. Chem. I & Lab)
- CHM 1046, 1046L (Gen. Chem. II & Lab)

**Organic Chemistry**
- CHM 2210, 2210L (Org. Chem. I & Lab)
- CHM 2211, 2211L (Org. Chem. II & Lab)

**Physics I**
- PHY 2053, 2048L (Gen. Physics I w/out Calc) OR PHY 2048, 2048L (Gen. Physics I with Calc)

**Physics II**
- PHY 2054, 2049L (Gen. Physics II w/out Calc) OR PHY 2049, 2049L (Gen. Physics II with Calc)

**Mathematics:**
- MAC 2311 (Calculus I) *
- STA 3111 (Statistics I) *

**Pre-Pharmacy Students Must Take:**
- ZOO 3731, ZOO 3731L (Human Anatomy & Lab)
- BCH 3033 (Gen. Biochemistry) -OR- CHM 4304 (Biological Chemistry)
- PCB 3702 (Intermediate Human Physiology) -OR- PCB 3703
- PCB 4023 (Cell Biology) -OR- PCB 3063 (Genetics)
- MCB 3020 (Microbiology) *
- SPC 2608 (Introduction to Public Speaking)
- ECO 2013 OR ECO 2023 (Macroeconomics OR Microeconomics)

*Required by select schools
Requirements for pharmacy schools may vary (i.e. math courses, social sciences). Students should consult specific websites for information on requirements for desired schools.

**AP Credits**
- Not all professional schools will accept AP credit for science courses.
- Contact the school(s) you are interested in to find out if they accept AP credits
- If a school accepts AP credits, they will usually require additional courses taken in that subject area

**GPA Calculation**
- PharmCAS will calculate your Overall GPA as well as your Science GPA & Math GPA for admission.
- AP credits are NOT computed into your GPA
- ALL post-secondary coursework will be used to compute your GPA for admission
  - Dual-enrollment and transfer courses DO count toward your GPA for admission
- Pharmacy schools DO NOT use “forgiveness” policies in calculating your GPA. All initial and repeated attempts will be used to calculate your GPA.
- DR grades do not count in your GPA. However, avoid DR grades. Pharmacy schools expect students to carry a consistent, full-time course load.

**Professional Experience**
- Paid or volunteer experience in a pharmacy or medically related setting is not typically required but is strongly recommended. Preference is given to candidates with experience. Requirements will vary by school.
- Students should demonstrate a knowledge of their chosen profession when applying to professional school.

**Application Cycle**
- The application cycle begins in June for fall enrollment the following year.
- Applicants are encouraged to apply EARLY!

**Academic Advising**
All lower-division, Pre-Health students must see an advisor in their Major Department in addition to an advisor in the Office of Pre-Health Professions Advising prior to registration each semester!