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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:

- A high GPA in science and non-science courses – a competitive GPA is above a 3.3
High Score on the PCAT exam.
Active in volunteer/work experience/extracurricular events
Well known by professors
Great letters of recommendation and evaluations
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 (Human Physiology I)
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!