

Pharmacy

Advising Sheet

The greatest role of a pharmacist, is to assist patients and other health professionals in being aware of the proper use of medication, and its success in treating the individual to which it was prescribed. A pharmacist provides pharmaceutical care, aiding in the advancement and distribution of medications needed to treat patients with all ranges of ailments.

Some pharmacy schools will accept students with a minimum of 60 semester units in pre-pharmacy coursework, but often a bachelor's degree is preferred. Four years of professional school are required to obtain a Doctor of Pharmacy degree, with the first two years covering basic sciences, and the second two covering pharmacy theory and practice. Residencies can be taken for specialties, and completion of such is often required for employment in hospital pharmacy practice or clinical faculty positions. Some pharmacy schools also offer joint degree programs including PharmD/PhD, PharmD/MBA, and PharmD/MS.

Common Pre-Pharmacy Prerequisite Courses

Biology	One Year of Coursework with Lab (dependent on your major)	BIOL 151 & BIOL 152
Chemistry	One Year of Coursework with Lab	CHEM 120A & CHEM 120B
Organic Chemistry	One Year of Coursework with Lab	CHEM 301A & CHEM 301B (LAB: 302)
Physics	One Year of Coursework with lab. Some schools only require one semester. Some Pharmacy schools prefer calculus-based physics – mechanics & thermodynamics	PHYS 211 (LAB : 211L) & PHYS 212 (LAB: 212L)
Mathematics	Some Pharmacy schools will accept one semester of Calculus while others require one course in Statistics as well.	#1) MATH 150A & MATH 150B (Calculus 1 & 2) #2) MATH 130 & MATH 338 (short course Calc & Stats) **for stats: OR stats courses offered by your department for your major
Molecular Bio or Biochemistry	One semester is strongly recommended but may be required by other Pharmacy schools.	Molec Bio: BIOL 309 Biochem for Biology majors: CHEM 421 (LAB: CHEM 422) Biochem for Biochemistry majors: CHEM 423A & 423B (LAB: CHEM 422)
Anatomy	One semester is strongly recommended yet required by other Pharmacy schools.	BIOL 361
Microbiology & Physiology	One semester is strongly recommended yet required by other Pharmacy schools.	Microbio: BIOL 302 Physio: BIOL 310 (LAB: BIOL 310L)
English	One year is required for most Pharmacy schools in the country. Please note: this can be integrated in upper-division science courses that fulfill writing requirements for major.	ENGL 101 & ENGL 301
Humanities/Soc. Sciences	Many Pharmacy schools strongly recommend a course in Psychology, Speech Communication, Public Speaking, and/or Economics. Please note: Pharmacy requirements vary from school to school.	PSYC 101/SOCI 101 HCOM 100/102 ECON 201/202

Pharmacy is split into the following four disciplines:

Pharmaceutics

Medical Chemistry and Pharmacognosy

Pharmacy Practice

Pharmacology

Application Timeline

Prior to Applying:

- Visit the Health Professions Advising Office on campus to learn about Intent to Apply process.
- Ask writers for letters of recommendation
- Continue with your volunteer, work or research activities.
- Prepare for the PCAT: Register and choose a date
- Research Pharmacy programs
- Order and collect official transcripts from ALL colleges and universities that you have attended.

Application Cycle:

- Taking the PCAT
- PharmCAS application is available in June. Begin to fill out application. Contact the HPAO if help is needed
- Have letters of recommendation sent to PharmCAS and the HPAO
- PharmCAS begins releasing applications to schools in August.
- Deadline for Early Decision Programs in early September.
- Make an appoint with the CSUF Career Center of the HPAO for a mock interview
- California school deadlines are all in the beginning of November
- [Academic Update Window](#) is open from December through February. This is the only time you can update or make changes to your application after your initial submission AND your application has been sent to your designated schools.

Intent to Apply

The HPAO at CSUF offers this service to all Pharmacy applicants each cycle. This service helps the student obtain a Chair/Committee letter from the Health Professions Committee on campus and proof reads all letters of recommendation before writers upload to professional Pharmacy schools. The HPAO will also assist you in filling out your application. The Intent to Apply cycle always starts in February. Please contact the HPAO for more information.

Resources:

On Campus: SHPA, Flying Samaritans, Prescribing Hope

CSUF Career Center- <http://www.fullerton.edu/career/>

Off Campus: American Association of Colleges of Pharmacy-

<http://www.aacp.org/Pages/Default.aspx>

Centralized Application Service for Colleges and Schools of Pharmacy- <http://www.pharmcas.org/>

Accreditation Council for Pharmacy Education <https://www.acpe-accredit.org/>

American Pharmacists Association- <http://www.pharmacist.com/>

Pharmacy Choice- <http://www.pharmacychoice.com/>

Pharmacy College Admission Test (PCAT)- <http://pcatweb.info/>

Pharmacy School Admission Requirements-

<http://www.aacp.org/resources/student/pharmacyforyou/admissions/admissionrequirements/Pages/default.aspx>

Pharmacy School Directory- <http://www.pharmcas.org/school-directory/#/>



Your best resource on campus!

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