

**HEALTH PROFESSIONS ADVISING OFFICE  
COLLEGE OF MEDICINE  
FLORIDA STATE UNIVERSITY**

**PRE-PHARMACY MANUAL**

**2017**

*For More Information Contact:*

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**Pre-health Advising website:**

**<http://med.fsu.edu/index.cfm?page=advisingOutreach.home>**

**Pharmacy website: [www.aacp.org/schools.htm](http://www.aacp.org/schools.htm)**

## GENERAL PRE-PHARMACY REQUIREMENTS\*

<b>General Education</b>	<b>A.A. Degree</b>
General Biology (for Science Majors with lab)	8 Semester Hours
Microbiology	3 Semester Hours
General Chemistry (for Science Majors with lab)	8 Semester Hours
Organic Chemistry (for Science Majors with lab)	8 Semester Hours
Biochemistry	3 Semester Hours
Calculus	4 Semester Hours
Statistics	3 Semester Hours
Anatomy and Physiology (with labs)	8 Semester Hours

\*This listing is based on the requirements for admission to the University of Florida College Of Pharmacy. Please note each individual pharmacy program has its own list of specific prerequisites. It is advised that pre-pharmacy students check with each school's website for specific requirements.

## SPECIFIC FLORIDA STATE UNIVERSITY COURSES

### BIOLOGY

BSC 2010, 2010L	Biology I w/ Lab	4 Semester Hours
BSC 2011, 2011L	Biology II w/ Lab	4 Semester Hours
MCB 4403, 4403L	Microbiology w/Lab	4 Semester Hours

### CHEMISTRY

CHM 1045, 1045L	General Chemistry I w/Lab	4 Semester Hours
CHM 1046, 1046L	General Chemistry II w/Lab	4 Semester Hours
CHM 2210	Organic Chemistry I	3 Semester Hours
CHM 2211	Organic Chemistry II	3 Semester Hours
CHM 2211L	Organic Chemistry II Lab	3 Semester Hours

### BIOCHEMISTRY

BCH 4053	General Biochemistry I	3 Semester Hours
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### ANATOMY/PHYSIOLOGY

BSC 2085, 2085L	Clinical Anatomy/Physiology I w/Lab	4 Semester Hours
BSC 2086, 2086L	Clinical Anatomy/Physiology II w/Lab	4 Semester Hours
<u>OR</u>		
PET 3322, 3322L	Functional Anatomy/Physiology I w/Lab	4 Semester Hours
PET 3323, 3323L	Functional Anatomy/Physiology II w/Lab	4 Semester Hours

### MATH

MAC 2311	Calculus I	4 Semester Hours
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### STATISTICS

STA 2122	Introduction to Applied Statistics	3 Semester Hours
<u>OR</u>		
STA 2171	Biostatistics	4 Semester Hours
<u>OR</u>		
STA 3024	Intermediate Applied Statistics	3 Semester Hours

## PRE-PHARMACY INFORMATION

- ❑ Pharmacy Schools (U.S.) 130
- ❑ Pharmacy Schools (Florida) 8
  - University of Florida (Gainesville, FL)
  - Florida A&M University (Tallahassee, FL)
  - Florida Atlantic University (Boca Raton, FL)
  - Larkin University (Miami, FL)
  - LECOM (Bradenton, FL)
  - Nova Southeastern University (Davie, FL)
  - Palm Beach Atlantic College (West Palm Beach, FL)
  - University of South Florida (Tampa, FL)
- ❑ Degree/Major: Any major is acceptable as long as the student meets the minimum entrance requirements. A baccalaureate degree is NOT required for admission at most schools of pharmacy.
- ❑ Selection Factors: Applicants are evaluated on the basis of their academic performance, PCAT and/or GRE scores, communication skills, and clinical experience.
- ❑ Selection Profile (Matriculated Students)
  - GPA (science) 3.37
  - GPA (non-science) 3.65
  - GPA (overall) 3.47
  - Composite PCAT 80<sup>th</sup> percentile
  - Composite GRE 300
- ❑ Admission Test: The Pharmacy College Admissions Text (PCAT) is required by many pharmacy programs (not FAMU). The test is designed to measure verbal and quantitative abilities, reading comprehension, and knowledge of biology through organic chemistry. The test is offered on nine dates in July, September and January. Information and registration for the PCAT is available at [www.pcatweb.info](http://www.pcatweb.info). The test fee is \$210, and \$20 for each additional school.  
  
FAMU requires the Graduate Record Exam (GRE). GRE scores should be sent direct by the applicants to the schools to which they are applying. Score should be less than 5 years old. The exam fee is \$205 and \$27 for each additional score report requested. [www.ets.org/gre/](http://www.ets.org/gre/)
- ❑ Application Service: Students can apply through PharmCas for many pharmacy schools. A web-based application is available at [www.Pharmacas.org](http://www.Pharmacas.org). Not all schools are part of PharmCas (FAMU), so check the application status of schools in which you are interested. The PharmCas fee is \$150 which includes application to one school, with a \$55 fee for each additional school.
- ❑ Letters of Evaluation: Most schools require 4 letters: 2 professors and 2 character references. (At least one from a pharmacist with whom you have volunteered). Most schools prefer applicants to submit electronic letters of evaluation. Letters will be directed to PharmCas. The amount of letters and types of letters may vary by school.