PRE-PHARMACY MANUAL

2015

For More Information Contact:

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The Florida State University
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(850) 644-7678

Pre-health Advising website:
http://med.fsu.edu/index.cfm?page=advisingOutreach.home
Pharmacy website: www.aacp.org/schools.htm
GENERAL PRE-PHARMACY REQUIREMENTS

General Education A.A. Degree
General Biology (for Science Majors with lab) 8 Semester Hours
General Chemistry (for Science Majors with lab) 8 Semester Hours
Organic Chemistry (for Science Majors with lab) 8 Semester Hours
Physics (for Science Majors with lab) 8 Semester Hours
Calculus 4 Semester Hours
Statistics 3 Semester Hours
Anatomy and Physiology (with labs) 8 Semester Hours
Public Speaking 3 Semester Hours

*This listing is based on the requirements for admission to the University of Florida College Of Pharmacy. (for 2015*) 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 COURSE LISTINGS

**BIOLOGY**
BSC 2010 Biology I 3 Semester Hours
BSC 2010L Biology I Lab 1 Semester Hour
BSC 2011 Biology II 3 Semester Hours
BSC 2011L Biology II Lab 2 Semester Hours
MCB 4403 Prokaryotic Biology 3 Semester Hours
PCB 3063 Genetics (for USF) 3 Semester Hours

**CHEMISTRY**
CHM 1045 General Chemistry I 3 Semester Hours
CHM 1045L General Chemistry I Lab 1 Semester Hour
CHM 1046 General Chemistry II 3 Semester Hours
CHM 1046L General Chemistry II Lab 1 Semester Hours
BCH 4053* Biochemistry I 3 Semester Hours
BCH 4054 or 4053L Biochemistry II 3 Semester Hours

**ORGANIC CHEMISTRY**
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

**PHYSICS**
PHY 2053C College Physics A 4 Semester Hours
PHY 2054 C College Physics B 4 Semester Hours

**MATHEMATICS**
MAC 2311 Calc. with Analytical Geometry 4 Semester Hours

**STATISTICS**
STA (2171, 2023, 2122) Statistics 3/4 Semester Hours

**ANATOMY/PHYSIOLOGY**
BSC 2085/2086 Clinical Anatomy/Physiology 8 Semester Hours
PET 3322C/3323C Functional Anatomy/Physiology 8 Semester Hours

**PUBLIC SPEAKING**
SPC 2608 Public Speaking 3 Semester Hours
PRE-PHARMACY INFORMATION

- **Pharmacy Schools (U.S.)**
  - 127

- **Pharmacy Schools (Florida)**
  - 6
    - Florida A&M University [www.pharmacy.famu.edu](http://www.pharmacy.famu.edu)
    - Nova Southeastern University [http://pharmacy.nova.edu/home.html](http://pharmacy.nova.edu/home.html)
    - Palm Beach Atlantic College [www.pba.edu/graduatestudies/pharmacy](http://www.pba.edu/graduatestudies/pharmacy)
    - LECOM/Bradenton [www.lecom.edu](http://www.lecom.edu)
    - University of South Florida [health.usf.edu/pharmacy/prerequites.htm](http://health.usf.edu/pharmacy/prerequites.htm)

- **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 scores, communication skills and clinical experience.

- **Selection Profile (Matriculated Students)**
  - GPA (science) 3.29
  - GPA (non-science) 3.58
  - GPA (overall) 3.40
  - Composite PCAT 53 percentile

- **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 $199 which includes scores being sent to three colleges of pharmacy.

- **Application Service:** Students can apply through PharmCas for many pharmacy schools. A web-based application is available at [www.Phamcas.org](http://www.Phamcas.org). Not all schools are part of PharmCas, so check the application status of schools in which you are interested (FAMU is not a PharmCas member). The PharmCas fee is $150 which includes application to one school, with an incremental of $50 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.