

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

PRE-MEDICAL MANUAL

2016

For More Information Contact:

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Florida State University
College of Medicine**

(850) 644-7678

Pre-health Advising website:

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

Medicine website: www.aamc.org

GENERAL PRE-MEDICAL REQUIREMENTS

General Biology (for Science Majors with lab)	8 Semester Hours
General Chemistry (with lab)	8 Semester Hours
Organic Chemistry (with lab)	8 Semester Hours
General Physics (with lab)	8 Semester Hours
Mathematics	6 Semester Hours

*Recommended / Students should check individual schools' admission requirements for these specific courses.

SPECIFIC FLORIDA STATE COURSES

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	1 Semester Hour

CHEMISTRY

CHM 1045	General Chemistry I	3 Semester Hours
CHM 1045 Lab	General Chemistry I Lab	1 Semester Hour
CHM 1046	General Chemistry II	3 Semester Hours
CHM 1046 Lab	General Chemistry II Lab	1 Semester Hour
CHM 2210	Organic Chemistry I	3 Semester Hours
CHM 2211	Organic Chemistry II	3 Semester Hours
CHM 2211 Lab	Organic Chemistry II Lab	3 Semester Hours

PHYSICS

PHY 2053C	College Physics A (Trig. Based)	4 Semester Hours
PHY 2054C	College Physics B (Trig. Based)	4 Semester Hours
or		
PHY 2048C	General Physics A (Calc. Based)	5 Semester Hours
PHY 2049C	General Physics B (Calc. Based)	5 Semester Hours

MATHEMATICS

MAC 1105	College Algebra	3 Semester Hours
MAC 1140	Precalculus Algebra	3 Semester Hours
MAC 1114	Trigonometry	2 Semester Hours

BIOCHEMISTRY

BCH 4053	General Biochemistry 1	3 Semester Hours
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PRE-MEDICAL INFORMATION

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| ❑ Medical Schools in the U.S.: | Allopathic (MD): 141 | Osteopathic (DO): 31 |
| ❑ Medical Schools in Florida: | Allopathic: 7
Florida State University
University of Central Florida
University of Florida
Florida International University
University of South Florida
University of Miami
Florida Atlantic University | Osteopathic: 2
Nova Southeastern University
Lake Erie College of Osteopathic Medicine |
| ❑ Minimal Requirements for Entrance: | General Biology (with labs)
General Chemistry (with labs)
Organic Chemistry (with lab)
Physics (with labs) | 8-12 Semester Hours
8-12 Semester Hours
8-12 Semester Hours
8-12 Semester Hours |
| ❑ Degree/Major: | Any major is acceptable as long as the student meets the minimal entrance requirements listed above. | |
| ❑ Selection Factors: | Applicants are evaluated on the basis of their academic performance record, MCAT, clinical exposure/experience, extracurricular activities and a personal interview. A sustained record of high-level academic performance while carrying above average credit hour loads is expected for competitive applicants. | |
| ❑ Admission Test: | MCAT (Medical College Admission Test)
www.aamc.org/mcat | |
| ❑ Application Services: | AAMC (Association of American Medical Colleges Section for Student Services)
www.aamc.org/students/applying/amcas

AACOMAS (American Association of Colleges of Osteopathic Medicine Application Service)
www.aacom.org/infofor/applicants/pages/default.aspx

TMDAS (Texas Medical & Dental Schools Application Service)
www.tmdsas.com | |
| ❑ Letters of Evaluation: | Most schools require at least 3 academic letters: 2 from science faculty, 1 from a non-science. The number and types of letters required may vary. | |
| ❑ Experience: | All schools require extensive familiarity with the field of medicine. Students are expected to have obtained clinical exposure/experience in several different settings prior to applying. | |