

PRE-MEDICINE TRACK REQUIREMENTS

TOTAL HOURS 66-67

All courses listed on the pre-medicine track should be completed with a grade of “C” or better.

The pre-medicine track is **not** a major but outlines the recommended coursework required to prepare for the Medical College Admissions Test (MCAT) and to meet admissions requirements for most Doctor of Allopathic (M.D.) and Doctor of Osteopathic (D.O.) programs in the United States. Any student who wishes to obtain a bachelor’s degree from Florida Southern College while on the pre-medicine track must simultaneously declare a bachelor’s degree. Non-degree seeking students are limited to a maximum of 39 credits attempted before they are required to declare a major and work towards a degree. Students on the pre-medicine track may declare any undergraduate major as professional schools do not require or prefer specific bachelor’s degrees. Although accepted by Florida Southern College to satisfy undergraduate degree requirements, some professional schools will not accept AP/IB/AICE/CAPE credits. **Admissions requirements to individual medical schools may vary; students are responsible for verifying admissions information for their respective programs of interest.**

Many of the courses below will fulfill general education or major-specific coursework, depending on the selected major. Students are encouraged to review the coursework below with their academic advisor.

	Earned	Needed
BIO 1500 Biology I: Biological Essentials	_____	_____
BIO 1600 Biology II: Biological Diversity	_____	_____
CHE 1111 Principles of Chemistry I	_____	_____
CHE 1112 Principles of Chemistry II	_____	_____
CHE 2231 Organic Chemistry I	_____	_____
CHE 2251 Organic Chemistry I lab	_____	_____
CHE 2232 Organic Chemistry II	_____	_____
CHE 2252/4 Organic Chemistry II lab	_____	_____
One 2000+ level course in Statistics: MAT _____	_____	_____
One 2000+ level course in Mathematics: MAT _____	_____	_____
PHY 2010 General Physics I (Algebra Based) and	_____	_____
PHY 2020 General Physics II (Algebra Based)	_____	_____
or		
PHY 2110 General Physics I (Calculus Based) and	_____	_____
PHY 2120 General Physics II (Calculus Based)	_____	_____
PSY 1106 Psychology and the Social World	_____	_____
SOC 1100 Intro to Sociology	_____	_____
One course selected from the following upper-level biology courses:		
BIO 3700 Genetics or	_____	_____
BIO 3710 Microbiology or	_____	_____
BIO 3800 Cell Biology	_____	_____
Two 3000 level courses in biochemistry:		
BIO/CHE _____	_____	_____
BIO/CHE _____	_____	_____
Two English or writing courses:		
_____	_____	_____
_____	_____	_____

Additional Recommended Electives

The following courses should be taken based on individual program admission requirements, student interest, course availability, and schedule flexibility.

General Education Courses

- COM 2270 Intercultural Comm. (MV)
- HIS 3224 Modern America, 1945-Present (SW, QI, EC-C)
- HON 2285 Artistic Investigations and Insights (FA)
- PHI 1109 What is Philosophy? (MV, QI)
- PHI 2204 Ethics (MV, QI)
- REL 1108 What is Religion? (MV, QI)

General Elective Courses

- PHP 3988/3989 Professional Shadowing
- ENG 3219 Persuasive Writing (QI, EC-C)
- PSY 2209 Developmental Psychology
- PSY 2214 Abnormal Psychology
- PSY 3309 Behavioral Neuroscience

Science Courses

- BIO 2215 Human Anatomy and Physiology I
- BIO 2216 Human Anatomy and Physiology II
- BIO 2600 Neuroscience
- BIO 4300 Immunology
- BIO 3360 Medical Botany
- BIO 3700 Genetics
- BIO 3710 Microbiology
- BIO 3800 Cell Biology
- CHE 2335 Analytical Chemistry
- CHE 3330 Foundations of Medicinal Chem.
- CHE 3340 Physical Chemistry for Bio Sci
- CHE 4450 Bioinorganic Chemistry

Extracurricular Experiences

Doctor of Allopathic (M.D.) and Doctor of Osteopathic (D.O.) programs require more than the completion of prerequisites to be competitive for admission. Participation in meaningful healthcare and community service experiences, among other extracurricular activities, are highly recommended or required. Students should plan to meet with a member of the Health Professions & STEM Career Development Center or the Health Professions Advisory Committee (HPAC) to ensure they are building a holistically competitive profile in and out of the classroom.

Pre-Professional Program (P3)

All students on the pre-medicine track are encouraged to apply for the FSC Pre-Professional Program (P3). Although any FSC student may pursue a pre-health track, only the most competitive students will be accepted into P3. Students who complete the Pre-Professional Program may request a committee letter of evaluation to be included with their application to professional school, earn a designation on their transcript and a distinctive honor cord, have access to exclusive shadowing experiences, and are able to participate in special P3-only opportunities and events. For more information visit: www.flsouthern.edu/p3.