

# PREPROFESSIONAL ADVISING

## Pre-Health

The Pre-Health Advising Office offers resources and information to students from all UF majors who intend to pursue a graduate program in the health professions, such as medical, dental, veterinary, pharmacy, physician assistant, optometry, physical therapy, and/or occupational therapy school. The UF Pre-Health Advising Team operates on a de-centralized model. Pre-health students may choose almost any major they are interested in pursuing. Pre-health students should review the detailed information on the pre-health advising website to explore and keep track of necessary steps to take throughout their time at UF in order to become competitive applicants for the professional programs to which they plan to apply. More Info (<https://www.advising.ufl.edu/pre-health/>)

All pre-health students are encouraged to enroll in Pre-Health Essentials, a free, non-graded Canvas course offered by the Pre-Health Advising Office. Pre-Health Essentials offers workshops and resources for pre-health students to explore and prepare for a healthcare profession.

## Pre-Health Students

Plan to complete the following courses, which are the basic prerequisites for many preprofessional graduate programs. Some health professions do not require all of these courses, and some may require more. Requirements vary from program to program, so students should carefully investigate the requirements of the institutions to which they plan to apply.

Students can find pre-health Suggested Course Timelines on the pre-health website Forms & Handouts page. These timelines outline required and recommended prerequisite courses for each health profession.

More Info (<https://www.advising.ufl.edu/pre-health/pre-health-resources/forms-handouts/>)

## Mathematics

At least two semesters of college-level mathematics; one semester of statistics (STA 2023) is required. Calculus (MAC 2311 or MAC 3472) is recommended for pre-medical students, and required for pre-pharmacy and pre-optometry students.

## General Chemistry

Code	Title	Credits
Select one option:		5-8
<i>Option A</i>		
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry Laboratory	
CHM 2046 & 2046L	General Chemistry 2 and General Chemistry 2 Laboratory	
<i>Option B</i>		
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry Laboratory	
CHM 2051 & CHM 2046L	Honors General Chemistry 2 and General Chemistry 2 Laboratory	
<i>Option C</i>		
CHM 2095 & CHM 2045L	Chemistry For Engineers 1 and General Chemistry Laboratory	
CHM 2096 & CHM 2046L	Applied General Chemistry 2 and General Chemistry 2 Laboratory	
<i>Option D</i>		
CHM 2047 & 2047L	One-Semester General Chemistry and One-Semester General Chemistry Laboratory	

## Organic Chemistry

Code	Title	Credits
Select one option:		8-10
<i>Option A</i>		
CHM 2210	Organic Chemistry 1	
CHM 2211	Organic Chemistry 2	
CHM 2211L	Organic Chemistry Laboratory	
<i>Option B</i>		
CHM 3217	Organic Chemistry/Biochemistry 1	
CHM 3218	Organic Chemistry/Biochemistry 2	
CHM 4300L	Laboratory in Biochemistry and Molecular Biology	

## Biochemistry

One semester is required by many professional schools. BCH 4024 or CHM 3218

## Physics

Code	Title	Credits
Select one option:		8-10
<i>Option A</i>		
PHY 2053 & 2053L	Physics 1 and Laboratory for PHY 2053	
PHY 2054 & 2054L	Physics 2 and Laboratory for PHY 2054	
<i>Option B</i>		
PHY 2048 & 2048L	Physics with Calculus 1 and Laboratory for PHY 2048	
PHY 2049 & 2049L	Physics with Calculus 2 and Laboratory for PHY 2049	
<i>Option C</i>		
PHY 2060	Enriched Physics with Calculus 1	
PHY 2061	Enriched Physics with Calculus 2	
PHY 2048L	Laboratory for PHY 2048	
PHY 2049L	Laboratory for PHY 2049	

## Biology

Code	Title	Credits
BSC 2010 & 2010L	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory	4
BSC 2011 & 2011L	Integrated Principles of Biology 2 and Integrated Principles of Biology Laboratory 2	4

## English

At least two semesters

## Additional Course Requirements

### Pre-Medical Students

Code	Title	Credits
PSY 1212	General Psychology	3
SYG 2000	Introduction to Sociology	3

### Pre-Dental Students

Code	Title	Credits
Select one:		4-5
MCB 3020 & 3020L	Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms (non-microbiology majors)	
MCB 3023 & 3023L	Principles of Microbiology and Principles of Microbiology Laboratory (microbiology majors)	

### Pre-Optometry Students

Code	Title	Credits
Select one:		4-5
MCB 3020 & 3020L	Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms	
MCB 3023 & 3023L	Principles of Microbiology and Principles of Microbiology Laboratory	
Also recommended:		
APK 2100C	Applied Human Anatomy with Laboratory	4
APK 2105C	Applied Human Physiology with Laboratory	4
PSY 2012	General Psychology	3

## Pre-Pharmacy Students

Code	Title	Credits
Select one:		8-9
APK 2100C & APK 2105C	Applied Human Anatomy with Laboratory and Applied Human Physiology with Laboratory	
ZOO 3713C & PCB 4723C	Functional Vertebrate Anatomy and Physiology and Molecular Biology of Animals (acceptable for UF College of Pharmacy)	
Select one:		4-5
MCB 3020 & 3020L	Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms (non-microbiology majors)	
MCB 3023 & 3023L	Principles of Microbiology and Principles of Microbiology Laboratory (microbiology majors)	
Also recommended:		
ECO 2023 or ECO 2013	Principles of Microeconomics Principles of Macroeconomics	4
PHY 2053 & 2053L	Physics 1 and Laboratory for PHY 2053	5
PHY 2054 & 2054L	Physics 2 and Laboratory for PHY 2054	5
SPC 2608	Introduction to Public Speaking	3
PSY 2012	General Psychology	3

## Pre-Veterinary Students

Code	Title	Credits
Select one:		4-5
MCB 3020 & 3020L	Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms (non-microbiology majors)	
MCB 3023 & 3023L	Principles of Microbiology and Principles of Microbiology Laboratory (microbiology majors)	
Select one:		3-4
PCB 3063 or AGR 3303	Genetics (non-microbiology majors) Genetics	
ANS 3384C	Genetics of Domestic Animals	
Also recommended:		
ANS 3006	Introduction to Animal Science	3
ANS 3440 & ANS 3006L	Principles of Animal Nutrition and Introduction to Animal Science Laboratory	5
ZOO 3713C	Functional Vertebrate Anatomy	4
PCB 4723C	Physiology and Molecular Biology of Animals	4

## Pre-Physician Assistant Course Recommendations

Code	Title	Credits
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry Laboratory	4
CHM 2046 & 2046L	General Chemistry 2 and General Chemistry 2 Laboratory	4
CHM 2210 or CHM 2200	Organic Chemistry 1 Fundamentals of Organic Chemistry	3
BSC 2010 & 2010L	Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory	4
BSC 2011 & 2011L	Integrated Principles of Biology 2 and Integrated Principles of Biology Laboratory 2	4
APK 2100C	Applied Human Anatomy with Laboratory	4
APK 2105C	Applied Human Physiology with Laboratory	4
STA 2023	Introduction to Statistics 1	3
HSC 3537	Health and Medical Terminology	3
Select one:		4-5
MCB 3020 & 3020L	Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms	
MCB 3023 & 3023L	Principles of Microbiology and Principles of Microbiology Laboratory	

Also recommended:

PSY 2012	General Psychology	3
PCB 3063	Genetics	4
CHM 2211 & 2211L	Organic Chemistry 2 and Organic Chemistry Laboratory	5
BCH 4024 or CHM 3218	Introduction to Biochemistry and Molecular Biology Organic Chemistry/Biochemistry 2	4
SPC 2608 or AEC 3030C	Introduction to Public Speaking Effective Oral Communication	3
PCB 4233	Immunology	3

## Pre-Law

UF's pre-law advisors offer students assistance as they explore their interest in law and provide guidance during the law school application process. Students are encouraged to utilize UF's pre-law resources:

- **Pre-law Website:** Review pre-law tips, timelines and resources.  
More Info (<https://www.advising.ufl.edu/pre-law/>)
- **Pre-law Listserv:** Join the listserv to receive pre-law announcements and stay connected with UF's abundant pre-law activities.  
More Info (<https://www.advising.ufl.edu/pre-law/pre-law-email-list/>)
- **Pre-law Advising:** Pre-law advisors are located in the College of Liberal Arts and Sciences Academic Advising Center (AAC) in Farrior Hall. Students may make an appointment through the AAC website or email the pre-law advisors.  
More Info (<https://www.advising.ufl.edu/>) | Email ([prelaw@advising.ufl.edu](mailto:prelaw@advising.ufl.edu))

## Choosing a Major

Pre-law students must develop analytic and problem-solving skills, critical reading abilities, writing skills, oral communication and listening abilities, research skills, and organization and priority management skills. These skills can be attained through virtually any major in combination with a wide variety of complementary electives. There is no "pre-law" major at UF; students should choose a major in which they have a true interest and select a broad, diverse, and challenging array of courses from demanding instructors in order to prepare for success in law school.

## Exploration

Pre-law students are encouraged to carefully assess their interest in and motivation for attending law school. The pre-law timeline, featured on the website, encourages students to shadow attorneys, conduct informational interviews, complete internships, and speak to admission officers to learn about law schools and the legal profession. Students should also consider studying overseas, writing an honors thesis, and getting involved in leadership opportunities. These activities will enhance the depth and value of students' undergraduate education and may also distinguish students from other top law school applicants.

---