Pre-Health Advising is offered 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, or occupational therapy school. Pre-Health students can choose almost any major.

All pre-health students are encouraged to enroll in Pre-Health Essentials, a non-credit e-learning resource offered by the Pre-Health Advising Office. Pre-Health Essentials offers workshops and resources for pre-health students to help explore and prepare for a healthcare profession.

Pre-Health Students

Plan to complete the following courses, which are the basic prerequisites for many pre-health graduate programs. However, some health professions do not require all of these courses, and some require more. Also, requirements vary from program to program, so you should carefully investigate the requirements of the institutions to which you plan to apply.

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

Select one of the following options:

Option A:
- CHM 2045 & 2045L: General Chemistry 1 and General Chemistry 1 Laboratory
- CHM 2046 & 2046L: General Chemistry 2 and General Chemistry 2 Laboratory

Option B:
- CHM 2051: Honors General Chemistry 2
- CHM 2046L: General Chemistry 2 Laboratory

Option C:
- CHM 2095: Chemistry for Engineers 1
- CHM 2045L: General Chemistry 1 Laboratory
- CHM 2096: Chemistry for Engineers 2
- CHM 2046L: General Chemistry 2 Laboratory

Option D:
- CHM 2047 & 2047L: One-Semester General Chemistry and One-Semester General Chemistry Laboratory

Organic Chemistry

Select one of the following options:

Option A:
- CHM 2210: Organic Chemistry 1
- CHM 2211: Organic Chemistry 2
- CHM 2211L: Organic Chemistry Laboratory

Option B:
- CHM 3217: Organic Chemistry/Biochemistry 1

Biochemistry

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

Physics

Select one of the following options: 8-10

Option A:
- PHY 2053 & 2053L: Physics 1 and Laboratory for Physics 1
- PHY 2054 & 2054L: Physics 2 and Laboratory for Physics 2

Option B:
- PHY 2048 & 2048L: Physics with Calculus 1 and Laboratory for Physics with Calculus 1
- PHY 2049 & 2049L: Physics with Calculus 2 and Laboratory for Physics with Calculus 2

Option C:
- PHY 2060: Enriched Physics with Calculus 1
- PHY 2061: Enriched Physics with Calculus 2
- PHY 2048L: Laboratory for Physics with Calculus 1
- PHY 2049L: Laboratory for Physics with Calculus 2

Biology

At least two semesters

Select one of the following:

Option 1:
- BSC 2010 & 2010L: Integrated Principles of Biology 1 and Integrated Principles of Biology Laboratory 1

English

At least two semesters

Additional Course Requirements

Pre-Medical Students

Should also take:

- PSY 2012: General Psychology 3
- SYG 2000: Principles of Sociology 3

Pre-Dental Students

Should also take:

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

Pre-Optometry Students

Should also take:
Pre-Pharmacy Students

Should also take:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>APK 2100C &amp; APK 2105C</td>
<td>Applied Human Anatomy with Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>ZOO 3713C &amp; PCB 4723C</td>
<td>Functional Vertebrate Anatomy and Physiology and Molecular Biology of Animals (acceptable for UF College of Pharmacy)</td>
<td>3</td>
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</table>

Select one of the following:

- 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:

- APK 2100C: Applied Human Anatomy with Laboratory
- PSY 2012: General Psychology
- APC 2100C: Applied Human Physiology with Laboratory
- APC 2105C: Applied Human Physiology with Laboratory
- PCB 3063: Genetics
- MCB 2210: Organic Chemistry 1
- & 2211L: Organic Chemistry 2
- & 3023L: Laboratory for Basic Biology of Microorganisms
- BSC 2010: Introduction to Statistics 1
- HSC 3537: Health and Medical Terminology
- STA 2023: Introduction to Public Speaking
- SPC 2608: Introduction to Public Speaking
- ECO 2023: Principles of Microeconomics
- ECO 3030C: Effective Oral Communication

Pre-Veterinary Students

Should also take:

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<tr>
<td>MCB 3020 &amp; 3020L: Basic Biology of Microorganisms and Laboratory for Basic Biology of Microorganisms (non-microbiology majors)</td>
<td>4-5</td>
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</tr>
<tr>
<td>MCB 3023 &amp; 3023L: Principles of Microbiology and Principles of Microbiology Laboratory (microbiology majors)</td>
<td>4-5</td>
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Select one of the following:

- PCB 3063 or AGR 3303: Genetics (non-microbiology majors)
- GEN 3384C: Genetics of Domestic Animals

Also recommended:

- ANS 3106: Principles of Animal Nutrition

Pre-Physician Assistant Course Recommendations

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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CHM 2045 &amp; 2045L: General Chemistry 1 and General Chemistry 1 Laboratory</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHM 2046 &amp; 2046L: General Chemistry 2 and General Chemistry 2 Laboratory</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
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.