Prehealth

Virtual Advising & Registration
Considering a Health Career?

- Prehealth advisors work with you to design a plan that combines your career aspirations, undergraduate pursuits, and personal strengths so that you can put forward your best application to a program in the health professions.

- We encourage you to use the resources on the next few pages to better understand the academic components of the “prehealth curriculum” at NYU.
Assessing Where to Start

- **AP Credit**
  - Prehealth students with AP credit in Biology, Chemistry, or Physics are advised to forfeit the credit and complete the required science coursework at the NYU.

- **Calculus Readiness**
  - Refer to the other sections of this orientation for a reminder on how AP scores, SAT scores, and placement exams are used to assess your calculus and pre-calculus preparation.

- **Advising**
  - Your assigned advisor will help you select courses that match your prehealth goals, level of preparation, and interests in a specific major/discipline.

*An advising session is a dialogue – we encourage you to be informed and prepared*
Required Curriculum: Medicine & Dentistry

To meet the entrance requirements for the majority of medical and dental programs in the US, we recommend that you complete the following courses:

- General Chemistry I and II, plus Labs
- Organic Chemistry I and II, plus Labs
- Principles of Biology I and II and appropriate Lab
- General Physics I and II
- Math (Calculus I or higher)
- Writing the Essay, plus one additional course in Expository Writing or English

Some schools may require additional courses, particularly in mathematics, biochemistry, and/or social science. Please be upfront with your advisor about your professional goals so that a cohesive academic plan can be created.
Choosing a Major

Major in what interests you

- The “prehealth curriculum” is not a stand-alone major or minor at NYU. You will complete the relevant prehealth courses in tandem with your major(s) and/or minor(s).

- Schools of the health professions do not favor specific majors or disciplines; they will be looking to see if you allowed yourself sufficient depth and breadth in your studies.
Chemistry, biology, and physics are hierarchical subjects, with courses building upon the foundation provided by previous courses.

Your CAS advisor is prepared to help you map out your prehealth requirements in light of your major of interest, background in math/science, and professional objectives.
If you are considering a career as an Allopathic (MD), Osteopathic (DO), or Podiatric physician, please be aware that the Medical College Admissions Test (MCAT) began to cover new material starting in 2015.

Applicants will be expected to possess and demonstrate academic competence in the following areas prior to taking the MCAT:

- **Inorganic Chemistry**
  - *NYU Course(s): General Chemistry*

- **Biology**
  - *NYU Course(s): Principles of Biology*

- **Organic Chemistry**
  - *NYU Course(s): Organic Chemistry*

- **Physics**
  - *NYU Course(s): General Physics*

- **Calculus I**
  - *NYU Course(s): Calculus I*

- **Biochemistry**
  - *NYU Course(s): Biochemistry*

- **Psychology/Sociology**
  - *NYU Course(s): Variable*

- **Statistics**
  - *NYU Course(s): Principles of Biology, variable*
Looking Ahead: MCAT2015®

If you intend to apply to medical schools the summer after your junior (3rd) year — for entrance into a medical school the fall immediately after graduation — you will need to design your curriculum to incorporate all of these competency areas into your first three years at NYU.

You may want to consider taking the MCAT and applying after your senior year to allow for a stronger application and enhanced scheduling flexibility.

At NYU, we refer to the year “off” between undergrad and grad as a student’s “glide year.” The majority of applicants take at least one glide year.
Creating a Schedule

- You will complete the relevant prehealth courses in tandem with your major(s) based on suggestions made by your CAS academic department. Consult with your advisor for these recommendations!

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Term Offered</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemistry</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM–UA 125 General Chemistry I</td>
<td>Fall, Spring, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td>CHEM–UA 126 General Chemistry II</td>
<td>Fall, Spring, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td>CHEM–UA 225 Organic Chemistry I</td>
<td>Fall, Spring, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td>CHEM–UA 226 Organic Chemistry II</td>
<td>Fall, Spring, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td>CHEM–UA 881 Biochemistry I</td>
<td>Fall, Spring, Summer</td>
<td>4 credits</td>
</tr>
<tr>
<td><strong>Biology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL–UA 11 Principles of Biology I</td>
<td>Fall, Summer</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIOL–UA 12 Principles of Biology II</td>
<td>Spring, Summer</td>
<td>4 credits</td>
</tr>
<tr>
<td>BIOL–UA 123 Principles of Biology Lab</td>
<td>Spring, Summer</td>
<td>1 credit</td>
</tr>
<tr>
<td><strong>Physics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS–UA 11 General Physics I</td>
<td>Fall, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td>PHYS–UA 12 General Physics II</td>
<td>Spring, Summer</td>
<td>5 credits</td>
</tr>
<tr>
<td><strong>Social Science</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYCH–UA 1, SOC–UA 1/414</td>
<td>Fall, Spring, Summer</td>
<td>4 credits</td>
</tr>
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NYU Committee Letter

- The Committee Letter is an institutional letter of evaluation that highlights you as a multidimensional applicant. It ties together your academic record and scholarly accomplishments, personal attributes, experiences working and volunteering in the community, and your demonstrated commitment to healthcare.

- Only students who complete the majority of their prehealth science courses at NYU will be eligible for NYU’s Committee Letter of Evaluation.
Preprofessional Advising Center: Advising

- All CAS students are assigned a professional academic advisor who will be available to answer questions about general CAS academic requirements.

- Most likely, you will be assigned an advisor outside of the Preprofessional Advising Center despite your interest in a health profession. However, professional advisors make referrals to College and University resources and support services whenever necessary.

- NYU students are not assigned a “preprofessional advisor.” This means you will have the flexibility and freedom to meet with any member of the Preprofessional Advising team.
Preprofessional Advising Center: Programming

The Preprofessional Advising staff offers workshops and programs throughout the academic year to assist you in preparing for a career in the health professions.

Our student Prehealth Advisory Board (PHAB) also sponsors programming with our office and we welcome and value student input.

Check out our prehealth calendar of events to see the types of programs that we run during the academic year.
Preprofessional Advising Center: Resources for Students

› Activate your **AdviserStream** account today!
  - AdviserStream is a comprehensive tool designed to help you plan, document, and share your academic and preprofessional experiences. All prehealth students on NYU’s Washington Square campus use this tool to make individual plans and connect with the Preprofessional Advising Center.
  - Log in [here](#) to activate your account!

› View the **Prehealth Overview Webinar**
  - This 35-minute presentation will give you a more thorough overview of what it means to be a prehealth student at NYU. All students are required to view this presentation before meeting with a prehealth advisor.
Preprofessional Advising Center: Connecting with Us

- Our weekly newsletter, *The Medical Record*, will keep you up-to-date on office announcements, volunteer opportunities, research positions, and community service projects.
  - All students who check the “prehealth” box during the CCP advising process will be automatically added to the prehealth listserv to receive the newsletter!

- Email: prehealth@nyu.edu
- Phone: 212–998–8160