

## Medicine

### ***Honors Basic Pre-Med Timeline (Regardless of Major)\****

<p><b><u>First Year</u></b></p> <p><b>Fall</b></p> <ul style="list-style-type: none"> <li>• General Chemistry I (1951/1953)</li> <li>• Calculus I (1941)</li> <li>• Analytical Reading &amp; Writing (0902)</li> </ul> <p><b>Spring</b></p> <ul style="list-style-type: none"> <li>• General Chemistry II (1952/1954)</li> <li>• Biology I (1911)</li> <li>• Calculus II (1942)</li> <li>• Mosaic I (0951)</li> </ul> <p><b>Summer</b> – Exposure to Medicine /Community Service /Research**</p>	<p><b><u>Second Year</u></b></p> <p><b>Fall</b></p> <ul style="list-style-type: none"> <li>• Organic Chemistry I (2921/2923)</li> <li>• Biology II (2912)</li> <li>• Mosaic II (0952)</li> </ul> <p><b>Spring</b></p> <ul style="list-style-type: none"> <li>• Organic Chemistry II (2922/2924)</li> </ul> <p><b>Summer</b> – Exposure to Medicine /Community Service /Research**</p>
<p><b><u>Third Year</u></b></p> <p><b>Fall</b></p> <ul style="list-style-type: none"> <li>• Physics* I (2021)</li> <li>• MCAT preparation</li> </ul> <p><b>Spring</b></p> <ul style="list-style-type: none"> <li>• Physics* II (2022)</li> <li>• MCAT Preparation</li> </ul> <p><b>Summer</b> –</p> <ul style="list-style-type: none"> <li>• Take <b>MCAT Exam</b> by May/June</li> <li>• <b>Apply to Medical School</b> through the American Medical College Application Service (AMCAS) by June/July</li> <li>• Exposure to Medicine /Community Service /Research**</li> </ul>	<p><b><u>Fourth Year</u></b></p> <p><b>Fall</b></p> <ul style="list-style-type: none"> <li>• Additional Biology or Biochemistry for non-science majors***</li> <li>• Completion of requirements for major</li> <li>• Medical School Interviews</li> </ul> <p><b>Spring</b></p> <ul style="list-style-type: none"> <li>• Additional Biology or Biochemistry for non-science majors***</li> <li>• Completion of requirements for major</li> <li>• Medical School Interviews</li> <li>• Completion of Financial Aid form (FAFSA)</li> </ul> <p><b>Summer</b> – Prepare to begin your medical studies; take a break!</p>

\*Chemistry and Biochemistry majors must take Physics 2021 and 2022 in year 2, as well as Calculus I, II, and III before year 3.

\*\*Exposure to Medicine / Community Service / Research encompasses an important part of your preparation / application.

\*\*\* Additional Science Courses: It is also recommended that applicants have exposure to advanced science courses, particularly: Bio 204 Cell Structure and Function; Bio 203 Genetics; and Bio 334 Mammalian Physiology.

### ***Office of Pre-Professional Health Studies (OPPHS) Pre-Med Advising***

Advising offered by the Office of Pre-Professional Health Studies (OPPHS) supplements the academic advising (course registration, major requirements and graduation review) provided by the advising center in the student's primary college. Students planning to apply to medical schools must initiate a **portfolio** with the **OPPHS** as early as their freshman year.

### ***The Pre-Med Timeline / Application Process***

Pre-medical students should map out an individualized academic timeline based on:

- the pre-med course requirements for the medical schools to which they will eventually apply;
- courses required by their major as well as University Gen Ed Requirements.
- Pre-requisite science courses *should not* be taken during summer sessions.

All Pre-Medical students are required to:

- attend an orientation session to review the Temple Pre-Professional Health Evaluation Committee process as well as to consider or re-consider timeline possibilities.
- attend at least one workshop offered by the **OPPHS** during each semester
- schedule an advising appointment with **OPPHS** as questions arise.

**Health Scholars** considering a **3+ 4 Accelerated Program Option** must schedule an appointment with the **OPPHS** in order to sign an "Intent to Pursue" form during first semester of freshman year.

## *Letters of Recommendation*

Begin requesting letters of recommendation as you are completing classes in the sciences and have performed well in the class (A or B+). Provide your letter writers with a “Professional School Recommendation Form” available on the Health Advising web site. As you prepare to apply, an interview with a member of the Pre-Professional Health Evaluation Committee will be required before letters are released to health professional schools on your behalf.

## **Medical School Application Information**

**(Excerpts from the Association of American Medical Colleges’ 2009-2010 Medical School Admissions Requirements (MSAR) Publication)**

- **Medical Schools**  
There are 130 accredited U.S. and 17 accredited Canadian allopathic schools.
- **Applications**  
Of the 42,231 applicants to allopathic medical schools for the entering class of 2008, 18,886 (44.7%) acceptances were offered and 18,036(42.7%) matriculated.
- **Medical College Admissions Test (MCAT) Scores Favored**  
Exam score areas: Verbal Reasoning, Physical Science, Writing Sample, and Biological Science. Competitive scores are a minimal overall numerical score of 30 (thirty) with no one section less than a 9 (nine) and a Writing Sample score of at least a P.
- **Overall GPA and Science GPA**  
(Science GPA includes Courses from the Departments of Biology, Chemistry, Physics, and Math.)  
An overall GPA and science GPA above a 3.5 level is preferred.  
**Note:** The GPA includes both grades for a course that is repeated.
- **Undergraduate Major**  
Over the past decade, approximately 3/5 of applicants reported undergraduate biological science majors. The remainder reported a variety of majors, including humanities, mathematics, physical sciences, social sciences, other health sciences, and a broad “other” category.

## **Overview of Required Courses**

- One Semester of Analytical Reading & Writing
- One year of Mosaic (Intensive Writing Course)
- One year of General Biology with Lab
- One year of General Chemistry with Lab
- One year of Organic Chemistry with Lab
- One year of Calculus
- One year of Physics (Calculus Based)
- Additional coursework in Biology or Biochemistry for non-science majors often recommended.

### ***Office Contact Information:***

**Office of Pre-Professional Health Studies (OPPHS)**

1810 Liacouras Walk, Suite 100; 215 204-2513

[healthadvising@temple.edu](mailto:healthadvising@temple.edu)

***Association of American Medical Colleges (AAMC) Website***

[www.aamc.org](http://www.aamc.org)

**Visit the *OPPHS* website for updates on workshops and other opportunities.**

[www.temple.edu/healthadvising](http://www.temple.edu/healthadvising)