

Pre-Pharmacy Timelines

Basic ***Two Year Track**** (Without BA) (Regardless of Major)

<u>First Year</u>	<u>Second Year</u>
<p>Fall</p> <ul style="list-style-type: none"> • General Chemistry I 1031/1033 • Calculus I 1041 • Analytical Reading & Writing 0802 • Gen Ed Course • Gen Ed Course <p>Spring</p> <ul style="list-style-type: none"> • General Chemistry II 1032/1034 • Biology I 1111 • Mosaic I • Calculus II 1042 (preferred)† or Gen Ed Course • Gen Ed Course <p style="text-align: center;"><u>Begin</u> PharmCas application during June/July <u>Submit</u> by August/September</p> <p>Summer – PCAT Prep Exposure to Pharmacy / Volunteer Experience / Research**</p>	<p>Fall</p> <ul style="list-style-type: none"> • Organic Chemistry I 2201/2203 • Physics I (2021-preferred,† or 1061 or 1021) • Biology II 2112 • Mosaic II <p style="text-align: center;">(Take PCAT after completion of Org. Chem. I)</p> <p><u>Note:</u> Last possible time to take PCAT for the 2010 application cycle is in January, 2010. Schedule test date by November, 2009.</p> <p><u>Note:</u> Deadline for PharmCas application is Feb 1^s</p> <p>Spring</p> <ul style="list-style-type: none"> • Organic Chemistry II 2202/2204 • Physics II (2022-preferred,† or 1062 or 1022) • Economics • Gen Ed Course (Arts) • Gen Ed Course <p>Summer – Exposure to Pharmacy / Volunteer Experience / Research**</p>

*Completion of prerequisites may take over two years, depending on English/Math placement, semester credit limit and course availability. (Math Sequence: 1001, 1021, 1022, 1041, 1042)

Pre-Pharmacy students must declare a major upon the completion of 30 credits.

† While certain Schools of Pharmacy will accept only one semester of calculus, two semesters of calculus is required for the completion of most CST science degrees at Temple University.

Calculus II is a pre-requisite for Physics 2021/2022, and a pre- or co-requisite for Physics 1061/1062.

Physics 1061/1062 and Physics 1021/1022, an algebra-based sequence, do not count toward CST science degrees.

**Exposure to Pharmacy, Volunteer Experience, and Research is an important part of your preparation/application.

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

Advising offered by the Office of Pre-Professional Health Studies 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 pharmacy schools must initiate a **portfolio** with the **OPPHS** as early as their freshman year.

The Pre-Pharmacy Timeline / Application Process

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

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

All Pre- Pharmacy students are required to:

- attend an orientation session during the Fall first semester to review the Temple Pre-Professional Health Evaluation Committee process as they 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.

* *The Two Year Pre-Pharmacy track is a non-baccalaureate degree granting track*

Basic ***Three Year Track**** (Without BA) (Regardless of Major)

<p><u>First Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • General Chemistry I 1031/1033 • Calculus I 1041 • Analytical Reading & Writing 0802 <p>Spring</p> <ul style="list-style-type: none"> • General Chemistry II 1032/1034 • Biology I 1111 • Mosaic I • Calculus II 1042 (preferred)† or Gen Ed Course <p>Summer – PCAT Prep Exposure to Pharmacy/Volunteer Experience/Research**</p>	<p><u>Second Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • Organic Chemistry I 2201/2203 • Biology II 2112 • Mosaic II • Gen Ed Course <p>Spring</p> <ul style="list-style-type: none"> • Organic Chemistry II 2202/2204 • Economics • Gen Ed Course <p><u>Begin PharmCas application during June/July</u> <u>Submit by August/September</u></p> <p>Summer – PCAT Prep Exposure to Pharmacy/Volunteer Experience/Research**</p>
<p><u>Third Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • Physics I (2021-preferred,† or 1061 or 1021) • Gen Ed Course • PCAT Prep <p>Note: Last possible time to take PCAT for the 2010 application cycle is in January, 2010. Schedule test date by November, 2009.</p> <p>Note: Deadline for PharmCas application is Feb 1st</p> <p>Spring</p> <ul style="list-style-type: none"> • Physics II (2022-preferred,† or 1062 or 1022) • Gen Ed Course (Arts) • Completion of FAFSA Financial Aid Form <p>Summer – Take a Break. Prepare for beginning Pharmacy school education.</p>	

*Completion of prerequisites may take over three years, depending on English/Math placement, semester credit limit and course availability. (Math Sequence: 1001, 1021, 1022, 1041, 1042)
Pre-Pharmacy students must declare a major upon the completion of 30 credits.

† While certain Schools of Pharmacy will accept only one semester of calculus, two semesters of calculus is required for the completion of most CST science degrees at Temple University.
Calculus II is a pre-requisite for Physics 2021/2022, and a pre- or co-requisite for Physics 1061/1062.
Physics 1061/1062 and Physics 1021/1022, an algebra-based sequence, do not count toward CST science degrees.

**Exposure to Pharmacy, Volunteer Experience, and Research is an important part of your preparation/application.

Note: The Three Year Pre-Pharmacy track is a non-baccalaureate degree granting track. Students considering a 3 + 4 track should schedule to meet with an advisor in the **OPPHS** during their freshman year in consideration of their eligibility for the **Accelerated Program BA/PharmD** option.

Additional details on Preparing to apply to schools of pharmacy can be found on page of this document.

Basic *Four Year Track** (Regardless of Major)

<p><u>First Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • General Chemistry I 1031/1033 • Calculus I 1041 • Analytical Reading & Writing 0802 <p>Spring</p> <ul style="list-style-type: none"> • General Chemistry II 1032/1034 • Biology I 1111 • Mosaic I • Calculus II 1042 (preferred)† or Gen Ed Course <p>Summer – PCAT Prep Exposure to Pharmacy/Volunteer Experience/Research**</p>	<p><u>Second Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • Organic Chemistry I 2201/2203 • Biology II 2112 • Mosaic II <p>Spring</p> <ul style="list-style-type: none"> • Organic Chemistry II 2202/2204 • Economics • Gen Ed Course <p>Summer – PCAT Prep Exposure to Pharmacy/Volunteer Experience/Research**</p>
<p><u>Third Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • Physics I (2021-preferred,† or 1061 or 1021) • Gen Ed Course • PCAT Prep <p>Spring</p> <ul style="list-style-type: none"> • Physics II (2022-preferred,† or 1062 or 1022) • Gen Ed Course (Arts) • PCAT Prep <p><u>Begin PharmCas application during June/July</u> <u>Submit by August/September</u></p> <p>Summer – PCAT Prep / Take PCAT Exposure to Pharmacy/Volunteer Experience/Research**</p>	<p><u>Fourth Year</u></p> <p>Fall</p> <ul style="list-style-type: none"> • Gen Ed Course • PCAT Prep <p><u>Note:</u> Last possible time to take PCAT for the 2010 application cycle is in January, 2010. Schedule test date by November, 2009.</p> <p><u>Note:</u> Deadline for PharmCas application is Feb 1st</p> <p>Spring</p> <ul style="list-style-type: none"> • Organic Chemistry II 2202/2204 • Economics • Completion of FAFSA Financial Aid Form <p>Summer – Take a Break. Prepare for beginning Pharmacy school education.</p>

*Completion of prerequisites may take over three years, depending on English/Math placement, semester credit limit and course availability. (Math Sequence: 1001, 1021, 1022, 1041, 1042)
Pre-Pharmacy students must declare a major upon the completion of 30 credits.

† While certain Schools of Pharmacy will accept only one semester of calculus, two semesters of calculus is required for the completion of most CST science degrees at Temple University.
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Physics 1061/1062 and Physics 1021/1022, an algebra-based sequence, do not count toward CST science degrees.

**Exposure to Pharmacy, Volunteer Experience, and Research is an important part of your preparation/application.

Office of Pre-Professional Health Studies (OPPHS) Pre-Pharmacy 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 schools of pharmacy must initiate a **portfolio** with the **OPPHS** as early as their freshman year.

The Application Process

Application Timeline

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

- the academic schedule required by a 2, 3, or 4-year timeframe;
- course requirements for the pharmacy schools to which they will eventually apply;
- courses required by their major and University Gen Ed Requirements.
- Pre-requisite science courses *should not* be taken during summer sessions.

All Pre-Pharmacy 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.
- declare a major upon completing 30 credits.

Students interested in being considered for the **Accelerated Program BA/PharmD** (3 + 4) option should schedule to meet with an advisor in the **OPPHS** during their freshman year in consideration of their eligibility for this option. Qualified students must sign an “Intent to Pursue” form in the **OPPHS**.

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.

Pharmacy School Application Information

- **Pharmacy Schools**
For a complete list of accredited schools of pharmacy visit the national web site of the American Association of Colleges of Pharmacy <http://www.aacp.org>.
- **Pharmacy College Admission Test (PCAT)**
The PCAT is a standardized test required for the admissions process
Favored Composite Score: a minimum of 50th percentile
(Individual section scores above a 50th percentile are also preferred)
- **Overall GPA and Science GPA** (Biology, Chemistry, Physics, Math)
Overall GPA and Science GPA above a 3.3 level are preferred.
- **Majors and Graduate Programs at the School of Pharmacy**
If students prefer to apply to a Graduate Program in the school of Pharmacy, they must hold a baccalaureate degree in pharmacy, chemistry, biology, biochemistry, engineering, or related discipline from an accredited college or university

Overview of Required Courses

- One semester of Analytical Reading and Writing
- One year of Mosaic courses
- One Semester of Calculus (One Year Preferred)
- One year of General Biology with lab
- One year of General Chemistry with lab
- One year of Organic Chemistry with lab
- One year of Physics (Calculus based Preferred)
- One semester of Economics
- Many schools require additional courses in public speaking, the humanities, economics, social sciences, anatomy and physiology, microbiology, and statistics

Office Contact Information:

Office of Pre-Professional Health Studies (**OPPHS**); 1810 Liacouras Walk, Suite 100; 215 204-2513
healthadvising@temple.edu

National Pharmacy College Application Service (PharmCas) website: <http://www.pharmcas.org/>

Visit the **OPPHS** website for updates on workshops / other opportunities: www.temple.edu/healthadvising