

Medical, 3+N Program

The seven-year Bachelor of Arts in any College of Science and Technology major and Doctor of Medicine is a combined program between the College of Science and Technology and the Lewis Katz School of Medicine.

The program is designed for high-achieving students. Students must apply to be a Temple University Health Scholar through the Office of Pre-Professional Health Advising.

Students who entered Temple University as Health Scholars are able to be considered for early admissions to the Lewis Katz School of Medicine at Temple University as BA/MD Accelerated Option candidates. The 3+4 option is only with Lewis Katz School of Medicine. If interested in applying to other schools, students will need to follow a 4+4 option.

Contact Information:

College of Science and Technology
Center for Academic Advising and Professional Development
Tuttleman Learning Center, Suite 111
1809 N. 13th Street, Philadelphia PA 19122-6073
215-204-2890
cstadv@temple.edu

Office of Pre-Professional Health Advising
Mitten Hall, Suite 110
215-204-2513
healthadvising@temple.edu

Guidelines for Completion of the Bachelor of Arts Degree in the College of Science & Technology

- Health Scholar Bachelor of Arts candidates in the College of Science and Technology (CST) must complete all requirements for the major before entering the Lewis Katz School of Medicine with the exception of the following:

Biology majors may count up to three of the following first year Lewis Katz School of Medicine courses as Biology electives:

MS1-Block1 (*Fundamentals of Anatomy*) as long as the student has not already received credit for BIOL 2233;

MS1-Block2 (*Fundamentals of Medicine 1*); MS1-Blocks3&4 (*Biological Systems I: Cardiovascular, Blood, Respiratory and Renal Systems & Biological Systems II: Gastrointestinal, Endocrine, Bone and Reproductive Systems*);

MS1-Block5 (*Biological Systems III: Nervous and Musculoskeletal Systems*) as long as the student has not already received credit for BIOL 3334 or BIOL 3352;

MS1-Block6 (*Biological Systems IV: Inflammation, Immune System and Skin*).

- College of Science and Technology Health Scholars may count up to 33 of the credit hours from the first year at the Lewis Katz School of Medicine as equivalents of upper-level credits in the College of Science and Technology or the College of Liberal Arts.
- College of Science and Technology Health Scholars may count up to 33 of the credit hours from the first year at the Lewis Katz School of Medicine to fulfill their general credit hour requirements for the Bachelor of Arts degree in the College of Science and Technology.
- Appropriate course sequences for majors offered by the College of Science and Technology will be available in the Center for Academic Advising and Professional Services (Tuttleman Learning Center, Suite 111) and will be shared with prospective students and current Health Scholars. Advising on progress toward career goal and eventual presentation as a Health Scholar (3+4 or 4+4) will occur through Pre-Professional Health Advising (Mitten Hall, Suite 110).

Suggested Academic Plan for CST + Medical School 3+4 Program

Below is a suggested academic plan. Individual plans will vary based on previous course work, AP credits, performance on University placement tests, and specific undergraduate major. Health Scholars who qualify for the 3+4 program will develop an individual academic plan with Pre-Professional Health Advising during their first semester at the University.

Year 1		Credit Hours
Fall		
MATH 1041 or 1941	Calculus I	4
Select one of the following:		4
CHEM 1031 & CHEM 1033	General Chemistry I	

CHEM 1951 & CHEM 1953	Honors General Chemical Science I	
Major / General Education / Elective Credits		7
Term Credit Hours		15
Spring		
Select one of the following:		4
MATH 1042 or 1942	Calculus II	
MATH 1044	Introduction to Probability and Statistics for the Life Sciences	
BIOL 1111 or 1911	Introduction to Organismal Biology	4
Select one of the following:		4
CHEM 1032 & CHEM 1034	General Chemistry II	
CHEM 1952 & CHEM 1954	Honors General Chemical Science II	
Major / General Education / Elective Credits		3
Term Credit Hours		15
Year 2		
Fall		
BIOL 2112 or 2912	Introduction to Cellular and Molecular Biology	4
Select one of the following:		4
CHEM 2201 & CHEM 2203	Organic Chemistry I	
CHEM 2211 & CHEM 2213	Organic Chemistry for Majors I	
CHEM 2921 & CHEM 2923	Organic Chemistry for Honors I	
Major / General Education / Elective Credits		9
Term Credit Hours		17
Spring		
Select one of the following:		4
CHEM 2202 & CHEM 2204	Organic Chemistry II	
CHEM 2212 & CHEM 2214	Organic Chemistry for Majors II	
CHEM 2922 & CHEM 2924	Organic Chemistry for Honors II	
PHYS 2021 or 2921	General Physics I	4
Major / General Education / Elective Credits		9
Term Credit Hours		17
Year 3		
Fall		
PHYS 2022 or 2922	General Physics II	4
Major / General Education / Elective Credits		11
Must take MCAT by January ¹		
Term Credit Hours		15
Spring		
Major / General Education / Elective Credits		15
Term Credit Hours		15
Total Credit Hours:		94

Code	Title	Credit Hours
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First Year - Medical School

Up to 33 credit hours of course work completed during the first year of Medical School will be applied to the CST major's total number of earned hours needed for the completion of the degree requirements for graduation. For some majors, course work will count as elective hours in the major; for all others, course work counts as elective hours toward the completion of the minimum of 123 credits for the undergraduate degree. In planning an undergraduate schedule it is essential to consult with an academic advisor.

- ¹ Students should plan to complete a Biochemistry prerequisite course prior to entering Lewis Katz School of Medicine at Temple University. They may choose from either CHEM 3401 Applications of Biochemistry or CHEM 4401 Biochemistry I or BIOL 4375 General Biochemistry I. It is recommended that students complete Biochemistry prior to taking the MCAT. In addition, students should also complete an Introduction to Psychology (PSY 1001) AND Introduction to Sociology (SOC 1176) course prior to taking the MCAT.

Notes:

1. Students in the Accelerated Program must have entered Temple University as Health Scholars through Pre-Professional Health Advising (PPHA) and have signed an "Intent to Pursue" form during their first semester. This form must be on file with PPHA.
2. Because students in an accelerated program must meet both the course requirements for entry to professional school and the course requirements for their major, it is necessary for these students to consult with an advisor in their major as well as PPHA as early in their academic career as possible. Failure to do so may make completing the required courses in the first 90 hours impossible.
3. The academic plan presented here is a generic plan; the actual plan will depend on choice of major and number of Advanced Placement (AP) credits applied from the high school transcript.
4. With some exceptions, CST students must complete the requirements for their major within their first 90 hours; course work in the first year of professional school counts as elective hours toward degree completion.
5. Biology Majors - Some of the course work during the first year of Medical School can be counted for Biology electives as well as general electives for degree completion. Certain electives are excluded. Be sure to consult with an academic advisor.
6. Non Life-Science Majors - In order to complete the required courses in 3 years, majors that do not overlap with pre-medical course requirements must have AP credit, take an overload, or enroll in summer session classes.