

Pre-Medicine

Pre-medicine is not a major; it refers to a specific curriculum, or set of courses, required for admission to medical school. Before entering medical school, students complete a baccalaureate degree, choosing a major and minor in fields of interest to them. They incorporate the pre-medical requirements listed below into their undergraduate course work.

For more information, consult the American Association of Medical Colleges website at <www.aamc.org/students>, the *Medical School Admission Requirements* handbook (available in the Science & Engineering Student Affairs Office, 140 Engineering Building) or the website for the medical school to which you are considering applying.

Typical Program of Study:

Fall Semester

First Year

Chem 1151 General Chemistry I	5 cr
Biol 1011 General Biology I	5 cr
Comp 1120 College Writing	<u>3 cr</u>
	13 cr

Spring Semester

Chem 1152 General Chemistry II	5 cr
Biol 1012 General Biology II	5 cr
Math 1296 ^a Calculus I	<u>5 cr</u>
	15 cr

Second Year

Chem 2521 Organic Chemistry I	4 cr
Phys 1001 ^b Introduction to Physics I	5 cr
Psychology course	4 cr
Liberal education course ^c	<u>3 cr</u>
	16 cr

Chem 2522 Organic Chemistry II	4 cr
Phys 1002 ^b Introduction to Physics II	5 cr
Major/minor/liberal education ^c courses	<u>6 cr</u>
	15 cr

Third Year

Comp 3xxx Advanced Writing	3 cr
Major/minor/liberal education courses ^c	
Biology, chemistry, statistics electives ^d	

Chem 3322 Biochemistry	3 cr
Major/minor/liberal education ^c courses	
Biology, chemistry, statistics electives ^d	
MCAT in April	

Fourth Year

Completion of major, minor, and liberal education courses and all degree requirements for spring graduation.

Medical school application deadlines: October or November of the year preceding fall entry.

^aFirst math course is determined by math placement exam. This schedule presupposes placement into Math 1296.

^bOr Phys 2011 and 2012 which require completion of Math 1296-1297 Calculus I and II.

^cUMD School of Medicine requires two humanities courses with at least one course at the upper-division level, and two behavioral science courses with at least one course at the upper-division level. The UM Twin Cities Medical School requires one course in psychology and additional coursework in at least two of the following areas -- history, sociology, anthropology, philosophy, comparative studies, English literature, music or art.

^dThe UM Twin Cities Medical School strongly recommends courses in genetics and statistics. Science/statistics elective courses may include: Biol 2201 Genetics, Biol 2101 Cell Biology, Biol 4501 Microbiology, PhsI 5601 Physiology of Organ Systems, Chem 2222 Quantitative Analysis, Chem 4632 Physical Chemistry, MicB 5545 Immunobiology, or Stat 3611 Intro to Probability & Statistics.

For further information:

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