



ADDITIONAL REQUIREMENTS FOR MEDICAL SCHOOL

In addition to the recommended premed coursework for admission to most U.S. medical schools, some schools, in particular the state-supported schools in California and Texas, require additional courses. It is therefore important that you investigate the individual requirements for each school in to which you plan to apply. These requirements are listed in the Medical School Admission Requirements Guide (MSAR), which is available in the UCS library.

Examples of schools requiring additional premedical coursework include:

UC Irvine	1 semester of upper level biology
University of Colorado	3 courses in English
Medical College of Georgia	1 semester of advanced chemistry
University of Illinois @ Chicago	Minimum of 1 course in social sciences with emphasis in the behavioral sciences
University of Iowa	1 advanced course in biology and 4 semesters of social, behavioral science/humanities
Harvard (HST Program only)	Calculus through differential equations & calculus-based physics are required
Michigan State University	1 other upper-level course in science is required. Please refer to the Medical School Admission Requirement Book in UCS library for approved list of courses
University of Minnesota	1 semester of psychology
University of Nebraska	A course in genetics
University of Rochester	2 semesters of social sciences
Cornell (Weill)	For non-science majors, at least two terms of biology beyond introductory are recommended
University of Nevada	2 semesters in behavioral science
University of N. Dakota	A semester of psychology is required
University of Oklahoma	genetics
Oregon	genetics
Brown University	1 semester of social sciences
University of Texas	All UT med schools require two years of biology. However, one term of biochem can count as a term of biology at TX schools ONLY
University of Washington	Must take 2 courses in science in addition to the normal requirements
University of Wisconsin	1 semester of advanced biology

Allopathic Medicine (MD Programs)

- Many medical schools also highly recommend courses in statistics, genetics, and cell biology.
- Clinical exposure in a hospital setting is mentioned as necessary by an overwhelming number of medical schools.
- **CHECK YOUR STATE SCHOOL REQUIREMENTS** IN THE MSAR, SINCE NEARLY 70% OF APPLICANTS ATTEND MEDICAL SCHOOL IN THEIR HOME STATE.

Schools Requiring a Biochemistry Course for Admission to Allopathic (MD) Medical School

U.S. Schools

Required:

UC, Irvine	University of Minnesota-Minneapolis	Mayo
USC	University of New Mexico	Univ. of TX – San Antonio
University of Florida	University of Nebraska	
Florida State	Case Western-5 year program only	
University of Michigan	Oregon Health Sciences	
University of Minnesota-Duluth	University of Hawaii	

Highly Recommended: 72 additional medical schools strongly recommend a course in biochemistry; refer to MSAR further information.

Canadian Schools

Required: University of Alberta; University of British Columbia (one year); University of Manitoba; University of Ottawa; Universite Laval; University of Saskatchewan (one year)

Recommended: University of Calgary; University of Ottawa; McGill University

Examples of Osteopathic (DO) Medical schools requiring additional premedical coursework include:

LECOM	2 terms of behavioral sciences
MSUCOM	2 terms of behavioral sciences
OUCOM	2 terms of behavioral sciences
OSUCOM	Applicants must take one of the following: biochemistry, microbiology or molecular biology, embryology, histology, comparative anatomy, or cellular biology,
UMDNJ-SOM	2 terms of mathematics, 2 terms of behavioral sciences
UNTHSC/TCOM	1 term of calculus or statistics
VCOM	2 additional terms of science courses

Osteopathic (DO) Medical Requiring Biochemistry:

Kansas City University
Michigan State University
Pikeville College
Univ. of New England

(Also 21 of 57 U.S. dental schools and 24 of 25 U.S. veterinary schools require biochemistry)