

Medical Schools with Math Requirements

About 40 % of U.S. medical schools have a formal requirement for mathematics, although the specific math requirements vary extensively from school to school. Many medical schools will accept AP or IB credits to meet the math requirement, while other schools (like some schools in the California system) do not accept AP or IB credits for math courses.

The information in this table was compiled from the 2011-2012 edition of the Medical School Admissions Requirements (MSAR) published by the Association of American Medical Colleges (AAMC; www.aamc.org) and from a spring 2010 review of individual medical school websites. Only schools with specific requirements or **strong** recommendations are listed in this table. **These tables are only meant to be guidelines;** you should review the MSAR and medical school websites for course recommendations before applying to individual medical schools.

Note that you must complete all required math courses prior to matriculation, not prior to application to medical school.

Reprinted from Medical School Admission Requirements, 2011-2012, United States and Canada, which is published by the Association of American Medical Colleges.

Medical Schools	Required Courses	Recommended Courses
Alabama		
University of Alabama	2 semesters College Mathematics – may include Statistics or Computer Science	
University of South Alabama	2 semesters College Mathematics	Calculus
Arkansas		
University of Arkansas	2 semesters College Mathematics or Math through one semester of Calculus I	Calculus
California		
Keck School of Medicine (USC)		College Mathematics (Calculus)
University of California, Davis	2 semesters College Mathematics Only 1 semester of statistics is accepted for the requirement	Calculus or Statistics accepted
University of California, Irvine	1 semester Calculus & 1 semester Statistics	
University of California, Los Angeles	2 semesters College Mathematics to include Calculus and Statistics	
University of California, San Diego	2 semesters College Mathematics – only Calculus, Statistics, Computer Science accepted	
Colorado		
University of Colorado	2 semesters College Mathematics	
District of Columbia		
Georgetown University	1 semester College Mathematics	Calculus or Statistics
Howard University	2 semesters College Mathematics	

Florida		
University of Central Florida	2 semesters College Mathematics	Calculus or Statistics
Florida International University	2 semesters Calculus and/or Statistics	
Florida State University	2 semesters College Mathematics	
University of Florida		Calculus and Statistics
University of South Florida	2 semesters College Mathematics	Calculus and Statistics
Georgia		
Medical College of Georgia		Statistics
Morehouse School of Medicine	2 semesters College Mathematics	
Illinois		
Northwestern University		1 semester Statistics
Southern Illinois University		1 semester Statistics and Calculus
Iowa		
University of Iowa	1 semester College Mathematics (Calculus or Statistics)	
Kansas		
University of Kansas	1 semester College Mathematics	
Kentucky		
University of Louisville	1 semester Calculus or 2 semesters of other College Mathematics	1 semester Statistics
Maryland		
Johns Hopkins University	2 semesters Calculus or 1 semester Calculus and 1 semester of Statistics	
Uniformed Services University (military medical school)	1 semester Calculus	
Massachusetts		
Harvard Medical School	2 semesters Calculus There is some flexibility in this requirement that will enable statistics or other math courses to count, depending upon content coverage. See http://hms.harvard.edu/admissions/default.asp?page=requirements for details.	
University of Massachusetts		Calculus and Statistics
Michigan		
Michigan State University	1 semester College Mathematics	
Oakland University William Beaumont School of Medicine	2 semesters College Mathematics (only 1 semester can be Statistics)	
Minnesota		
University of Minnesota		Statistics
Mississippi		
University of Mississippi	2 semesters College Mathematics or 1 semester calculus	1 semester Calculus and 1 semester Statistics
Missouri		
Washington University	2 semesters Calculus or 1 semester Calculus and 1 semester of Statistics	
University of Missouri, Columbia	1 semester college math	

Nebraska		
University of Nebraska	1 semester Calculus or 1 semester Statistics	
Nevada		
University of Nevada		Calculus and Statistics
New Hampshire		
Dartmouth Medical School	1 semester Calculus	
New Jersey		
University of Medicine and Dentistry of NJ Robert Wood Johnson Medical School	1 semester College Mathematics	Statistics
New York		
Albert Einstein College of Medicine	2 semesters College Mathematics (Calculus, Statistics or Computer Science accepted)	
Hofstra University School of Medicine	2 semesters College Mathematics	Strongly recommends 1 semester statistics
Mount Sinai School of Medicine	2 semesters College Mathematics (Calculus, Statistics or Computer Science accepted)	
State University of New York—Upstate		Calculus
State University of New York – Downstate		2 semesters College Math
University of Rochester		Calculus, Statistics
Weill Cornell		1 semester Calculus and Statistics
North Carolina		
The Brody School of Medicine		Biostatistics
Duke University	1 semester Calculus plus 1 additional semester of College Mathematics	1 semester Statistics/Biostatistics
North Dakota		
University of North Dakota	1 semester College Mathematics	
Ohio		
Case Western Reserve	2 semesters Calculus – MSTP program only	
University of Toledo	2 semesters College Mathematics	
Northeastern Ohio University		Calculus, Statistics
University of Cincinnati		Calculus
Wright State University	2 semesters College Mathematics	Calculus
Oregon		
Oregon Health & Science University	1 semester College Mathematics (Statistics not accepted for the requirement)	Calculus, Statistics
Pennsylvania		
Thomas Jefferson University		College Mathematics
Pennsylvania State University	1 semester Calculus and 1 semester Statistics	
The Commonwealth Medical College	1 semester Calculus or Statistics	
University of Pennsylvania		Statistics

Puerto Rico		
Ponce School of Medicine	2 semesters of College Mathematics	
Universidad Central del Caribe	2 semesters College Mathematics	Calculus
Rhode Island		
Brown University	1 semester Calculus	
South Dakota		
University of South Dakota	2 semesters College Mathematics	Calculus and Statistics
Tennessee		
Meharry Medical College	1 semester College Mathematics	
Texas		
Texas A&M University	1 semester Math Department-based Statistics or 1 semester Calculus <i>Note: starting in 2012 only a math-department based statistics course will fulfill the math requirement. Calculus will not be accepted.</i>	
Texas Tech University Lubbock	1 semester Math Department-based Statistics or 1 semester Calculus <i>Note: starting in 2012 only a math-department based statistics course will fulfill the math requirement. Calculus will not be accepted.</i>	
Texas Tech University at El Paso Foster	1 semester Calculus <i>Note: starting in 2012 only a math-department based statistics course will fulfill the math requirement. Calculus will not be accepted.</i>	
University of Texas at Galveston	1 semester Calculus or Statistics	
University of Texas at San Antonio	1 semester Calculus or Statistics <i>Note: starting in 2012 only a math-department based statistics course will fulfill the math requirement. Calculus will not be accepted.</i>	
University of Texas at Dallas	1 semester Calculus or Statistics	
University of Texas at Houston	1 semester Calculus or Statistics <i>Note: starting in 2012 there will no longer be a math requirement.</i>	
Utah		
University of Utah		1 semester Calculus
Virginia		
Virginia Commonwealth University	2 semesters College Mathematics	
Virginia Tech Carilion School of Medicine	2 semesters of Calculus or 1 semester of Calculus and 1 semester of Statistics	
Washington		
University of Washington	1 semester Calculus or 1 semester linear algebra	
Wisconsin		
Medical College of Wisconsin	1 semester College Mathematics	Calculus
University of Wisconsin	1 semester College Mathematics 1 semester Statistics	1 semester Calculus

In 2007 the University of California medical schools changed their policies regarding the acceptance of AP credits in fulfillment of their premedical math and science requirements. If you have AP credit for mathematics you may now still need to take a college level in that subject, preferably a higher level class. If you were planning to use AP credits to fulfill any premed requirements for the University of California medical schools, you should speak to Jodi or Mary Beth.