

Pre-Medical Guide

Course Requirements for Michigan Medical Schools

THIS DOCUMENT IS A GUIDE ONLY. Students must consult with a pre-health advisor AND the appropriate medical schools on a regular basis for revisions to prerequisites and to ensure completion of all application requirements. **Each professional school has their own policy on whether they accept credit from Advanced Placement and Community Colleges. Students must contact individual schools to verify their requirements.**

Requirements	Central Michigan University	MSU College of Human Medicine	MSU College of Osteopathic Medicine	Oakland University	University of Michigan	Wayne State University	Western Michigan University
Biochemistry		1 semester	<i>See Chemistry section</i>	1 course			
Biological Science	2 semesters & 2 labs		8 credits (<i>AP not accepted</i>)	1 lab in biology, chemistry, or physics		2 semesters, 1 with lab	
Chemistry			16 credits of inorganic, organic, and biochemistry. Minimum 3 credits of biochemistry. (<i>AP Chem is accepted</i>)	1 lab in either biology, chemistry, or physics		2 semesters, 1 with lab	
Organic Chemistry	(2 semesters & 1 lab) OR (1 semester orgo & 1 semester biochem & 1 lab)					2 semesters, 1 with lab	
Math/Statistics				1 statistics course		1 college level mathematics	
Physics		2 semesters		1 lab in biology, chemistry, or physics		2 semesters	
English			6 credits (<i>WRA + Tier II Writing Course</i>)			1 semester of English/writing	
Non-Science Courses				1 course in social or behavioral sciences			
Additional Science		300-400 level coursework in biological science		A total of 24 credits with breadth & depth of science & math.			

Undergraduate Academic and Student Affairs

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Additional Information	Central Michigan University	MSU College of Human Medicine	MSU College of Osteopathic Medicine	Oakland University	University of Michigan	Wayne State University	Western Michigan University
Recommended Courses	Biochemistry, Genetics, Human Anatomy, Human Physiology, Math/Statistics, Organic Chemistry, Physics, and Social Sciences.	Behavioral Sciences (anthropology, psychology, sociology), Humanities (ethics, history, languages, philosophy), Life & Physical Sciences (anatomy, bioinformatics, genetics, immunology, microbiology, neuroscience, physiology), Mathematics (algebra, statistics)	Strongly encouraged to complete additional courses in senior level biological sciences such as genetics, anatomy, physiology, histology, microbiology, immunology & neurobiology.	Humanities, Behavioral Science, English, Anatomy & Biology	Competency-based admissions requirements. See website for more detailed information.	Biochemistry, statistics, medical ethics, social science, upper level biology and additional labs	No specific prereqs. For more detailed information, see website. Recommended courses: Biochemistry, genetics, human anatomy, human physiology, immunology, and statistics
Website	https://www.cmich.edu/colleges/med/Pages/default.aspx	https://humanmedicine.msu.edu/admissions/information.html#requirements	https://com.msu.edu/	www.oakland.edu/medicine	https://medschool.umich.edu/programs-admissions/md-program/md-admissions	www.med.wayne.edu	https://www.med.wmich.edu/app

Additional Resources:

- MSU Pre-Health: <https://prehealth.natsci.msu.edu/>
- Explore Health Careers: www.explorehealthcareers.org
- Allopathic (MD) Resources
 - Resources for MD Pre-Medical Students: www.aamc.org/students
 - Medical School Admission Requirements (MSAR): www.aamc.org/msar
 - American Medical College Application Service (AMCAS): www.aamc.org/students/amcas
- Osteopathic (DO) Resources
 - Resources for DO Pre-Medical Students: <https://www.aacom.org/become-a-doctor/prepare-for-medical-school>
 - Choose DO Explorer: <https://choosedo.org/>
 - American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS): https://help.liaisonedu.com/AACOMAS_Applicant_Help_Center