

MIT PREHEALTH RECOMMENDED COURSELIST

Recommendation: Complete courses noted with * prior to taking the MCAT

REQUIRED BY 10 or MORE U.S. MEDICAL SCHOOLS	RECOMMENDED CORRESPONDING MIT SUBJECTS	FOR MCAT PREP	SEMESTER COURSE WAS COMPLETED AND GRADE	INTENDED SEMESTER OF COMPLETION FOR MISSING COURSES
BIOLOGY with lab (2 semesters)	<input type="checkbox"/> Introductory Biology (7.01X)	✓		
	<input type="checkbox"/> Fundamentals of Experimental Molecular Biology (7.002) <u>OR</u>			
	<input type="checkbox"/> Laboratory Fundamentals in Biological Engineering (20.109)			
	<input type="checkbox"/> Experimental Molecular Neurobiology (9.12)			
BIOCHEMISTRY (1 semester)	<input type="checkbox"/> General Biochemistry (7.05) <u>OR</u> <input type="checkbox"/> Biological Chemistry (5.07/20.507)	✓		
CHEMISTRY General & Organic with lab (3 semesters)	<input type="checkbox"/> Principles of Chemical Science (5.111 or 5.112) <u>OR</u> <input type="checkbox"/> Intro to Solid State Chemistry (3.091)	✓		
	<input type="checkbox"/> Organic Chemistry I (5.12) <i>*Note: some schools require 2 semesters of organic chemistry</i>	✓		
	<input type="checkbox"/> Laboratory Chemistry (5.310) <u>OR</u> <input type="checkbox"/> Fundamentals of Spectroscopy, Synthesis of Coordination Compounds & Kinetics, and Organic Structure Determination (5.351, 5.352, and 5.353)			
PHYSICS (2 semesters)	<input type="checkbox"/> Physics I (8.01) or equivalent	✓		
	<input type="checkbox"/> Physics II (8.02) or equivalent	✓		
CALCULUS (2 semesters)	<input type="checkbox"/> Calculus I (18.01) or equivalent			
	<input type="checkbox"/> Calculus II (18.02) or equivalent <i>*Note: 18.03 Differential Equations is required for MD- PhD Programs</i>			
ENGLISH (2 semesters of a CI-H or CI-HW are needed to fulfill this requirement)	<input type="checkbox"/> CI-H or CI-HW course #1 <i>*Note: Courses in writing and humanities that satisfy the CI-H requirement.</i>			
	<input type="checkbox"/> CI-H or CI-HW course #2 <i>*Note: Courses in writing and humanities that satisfy the CI-H requirement.</i>			

NOTE: Psychology is generally not required by medical schools, but it will be useful for you to take Psychology or another relevant HASS course to prepare for the **Psychological, Social and Biological Foundations of Behavior** section of the **MCAT**.

PSYCHOLOGY	Introduction to Psychology (9.00) and/or another Social/Behavioral Sciences subject from Prehealth Recommended Course List.	✓		
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