

Common prerequisites for medical schools and MCAT preparation

This is a general guide for applying to a range of medical schools in the U.S. It lists courses commonly required or recommended for admission. Because requirements may vary by school, applicants should consult the websites of the medical schools where they plan to apply.

COURSE	CR	COURSE	CR
BIOL 106 Introductory Biology: Organismal (includes lab)	4	STAT 212 Intro to Statistical Methods (with lab) OR PSYCH 311 Elementary Stats (Psych Majors)	4
BIOL 107 Introductory Biology: Cell (includes lab)	4	BIOL 315 Gross and Microanatomy* (with lab)	4
CHEM 105 Principles of Chemistry I (includes lab)	4	BIOL 353 Advanced Human Physiology* (with lab) OR NEURO 425 Med. Physiology*- lecture (3cr) & NEURO 426-Lab* (1cr) (Neuro Majors)	4 3+1
CHEM 106 Principles of Chemistry II (includes lab)	4	PHYS 101 General Physics I (lecture) & PHYS 111 (lab) OR [PHYS 201- lecture & PHYS 211- lab]	3+1
CHEM 345 Organic Chemistry I (includes lab)	4	PHYS 102 General Physics II (lecture) & PHYS 112 (lab) OR [PHYS 202- lecture & PHYS 212- lab]	3+1
CHEM 348 Organic Chemistry II (includes lab)	4	MBIOS 401 Cell Biology (SMB Majors) OR BIOL 352 Cell (SBS Majors)	3
BIOL 301 OR MBIOS 301 General Genetics*	4	ENGL 101 Composition	3
MBIOS 303 Introductory Biochemistry	4	A second ENGL writing course (e.g., ENGL 201 Writing and Research OR ENGL 402 Technical/Profess. Writing)	3
MBIOS 304 Micro and Molecular Biol Lab MBIOS 305 General Microbiology*- lecture	3 3	PHIL 365 Biomedical Ethics (important for interviewing, particularly with MMIs)	3
MATH 140 Calculus for Life Scientists OR MATH 171 Calculus I	4	PSYCH 105 Intro to Psychology* AND SOC 101* Intro to Sociology (preferred) OR SOC 102	3 3

May or may not be required, but recommended. *Highly recommended for MCAT preparation.

Be aware that some med schools do not accept AP credit and may require college-level credits.

WSU's Transfer Center for Policy & Resources provides resources to help you understand how your credits will transfer to WSU. Please visit <https://transfercredit.wsu.edu/transfer-course-search-tool/> and select the *Transfer Course Search Tool* to view course equivalencies.

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