



Preparation for Medical School

	Required or recommended	Clarification	Recommended BenU course(s)	Alternate BenU Course(s)
General Biology	One year (7-8-semester hours) required	A sequence of courses representing a full academic year curriculum, with associated lab(s).	BIOL 1197, 1198, 1199	
Physiology	Varies; One semester (3 hrs) strongly recommended	Some schools prefer a vertebrate, animal, or advanced physiology course; A rigorous course that integrates underlying principles in physics, chemistry, and biology is good preparation for the MCAT	BIOL 3258	
Genetics	Varies; One semester (3 hrs) sometimes required or strongly recommended	Should include Classical (Mendelian) and molecular genetics.	BIOL 2250/2251	
Cell Biology	Varies; One semester (3 hrs) sometimes required or strongly recommended	A rigorous course is good preparation for MCATs	BIOL 4340	
Molecular Biology	Varies; One semester (3 hrs) sometimes required or strongly recommended	A rigorous course is good preparation for MCATs	BIOL 5371	
General Chemistry	One year (8-semester hours) required	A sequence of courses representing a full academic year curriculum, with associated lab(s).	CHEM 1113 & 1114; CHEM 1123 & 1124	CHEM 1115; CHEM 1125
Organic Chemistry	One year (8-semester hours) required	A sequence of courses representing a full academic year curriculum, with associated lab(s).	CHEM 2242 & 2243; CHEM 2247 & 2248	CHEM 2244; 2249
Biochemistry	Varies; One semester (3 hrs) strongly recommended	A rigorous course that integrates underlying principles in physics, chemistry, and biology is good preparation for the MCAT	CHEM 3261	CHEM 4361
Physics	One year (8-semester hours) required	A sequence of courses representing a full academic year curriculum, with associated lab(s).	PHYS 1113/1114; PHYS 1118/1119	PHYS2211, 2212, 2213 & PHYS2205, 2206, 2207
Math	Varies. Math through calculus sometimes required or recommended.	Some schools may require one year (6 semester hrs) college math. Consult MSAR Admission requirements for specific school requirements.	MATH 2210	MATH 1170 and 2200
Statistics	Varies; One semester (3 hrs) strongly recommended	Fundamental understanding of statistics is required for strong MCAT performance.	BIOL 2229	MATH 1150
English	One year (6-semester hours) required (most)	Specifics may vary, but one year is generally required, sometimes including distribution of writing and literature courses	WRIT 1101, 1102 COMM 1110	
Humanities and Soc. Sci	Select courses of interest that will demonstrate interest in a well-rounded education	Some schools may have recommended distributions of these courses. Consult individual schools for specific prereqs.		
Psychology	Varies; One semester (3 hrs) sometimes required or strongly recommended	A rigorous course is good preparation for MCATs	PSYC 1100	
Sociology	Varies; One semester (3 hrs) sometimes required or strongly recommended	A rigorous course is good preparation for MCATs	SOCL 1100	

ALWAYS CONSULT MEDICAL SCHOOL ADMISSIONS REQUIREMENTS (MSAR) FOR SCHOOL-SPECIFIC REQUIREMENTS