

Pre-Health Advising Overview Sheet (8/2022)

Course Name	Course Number	Enrollment Year	Medical School	PA School	Dental School	Veterinary School
General and Analytical Chemistry I with Lab	Chem 112 & Chem 112L	First Year (Fall)	Required by programs Needed for MCAT	Required by programs Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General and Analytical Chemistry II with Lab	Chem 113 & Chem 113L	First Year (Spring)	Required by programs Needed for MCAT	Required by programs Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General Biology I with Lab	Biol 141 & Biol 141L	First Year (Fall)	Required by programs Needed for MCAT	Required by programs Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General Biology II with Lab	Biol 142 & Biol 142L	First Year (Spring)	Required by programs Needed for MCAT	Required by programs Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
Organic Chemistry I with Lab	Chem 232 & Chem 232L	Second Year (Fall)	Required by programs Needed for MCAT	Some programs require Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
Organic Chemistry II with Lab	Chem 233 & Chem 233L	Second Year (Spring)	Required by programs Needed for MCAT	Some programs require Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General Physics I with Lab	Phys 120 & Phys 120L	Third Year (Fall)	Required by programs Needed for MCAT	Not generally required Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General Physics II with Lab	Phys 121 & Phys 121L	Third Year (Spring)	Required by programs Needed for MCAT	Not generally required Not needed for GRE	Required by programs Required for DAT	Required by programs Not needed for GRE
General Biochemistry I	Chem 350 or Chem 450	Third Year (Fall)	Required by programs Needed for MCAT	Some programs require Not needed for GRE	Some programs require Not needed for DAT	Many programs require not needed for GRE
General Biochemistry II	Chem 351 or Chem 451	Third Year (Spring)	Helpful (not required) Helpful for MCAT	Not required not needed for GRE	Not required not needed for DAT	Not required not needed for GRE
Fundamentals of Psychology	Psyc 110	Before standardized exam	Helpful (not required) Needed for MCAT	Most programs require Not needed for GRE	Some programs require Not needed for DAT	Not required not needed for GRE
English/writing	various courses apply	Variable (6 credits/2 courses)	Most programs require Helpful for MCAT	Most programs require Helpful for GRE	Most programs require Helpful for DAT	Most programs require Helpful for GRE
Statistics	Biol 379, Math 204, or Psyc 210	Before standardized exam	Some programs require Helpful for MCAT	Most programs require Helpful for GRE	Some programs require Helpful for DAT	Some programs require Helpful for GRE
Calculus I	Math 114	Variable	Some programs require Not needed for MCAT	Not required not needed for GRE	Some programs require Not needed for DAT	Many programs require not needed for GRE
Human Anatomy and Physiology I with Lab	Biol 110 & Biol 110L	Variable	Helpful (not required) Not needed for MCAT	Required by programs Not needed for GRE	Most programs require Helpful for DAT	Not required not needed for GRE
Human Anatomy and Physiology II with Lab	Biol 111 & Biol 111L	Variable	Helpful (not required) Not needed for MCAT	Required by programs Not needed for GRE	Most programs require Helpful for DAT	Not required not needed for GRE
Microbiology with lab	Biol 250 & Biol 250L	Variable	Helpful (not required) Not needed for MCAT	Required by programs Not needed for GRE	Most programs require Helpful for DAT	Most programs require Not needed for GRE

* Please check requirements at each medical, physician assistant, dental, or veterinary school for program-specific requirements.

** Most PA schools require a Medical Terminology course and most veterinary schools require a Public Speaking course.