

Medicine

Health Professions Advisory Program



Academic Requirements for Programs in Allopathic Medicine (M.D.) and Osteopathic Medicine (D.O.)

Required Courses	Highly Recommended Courses (Required by some schools)
<u>Biology</u> BIOL 130 Intro Genetics and Cell Biology BIOL 131 Biological Diversity and Ecology <u>Chemistry</u> CHEM 115A & B General Chemistry CHEM 335A & B Organic Chemistry CHEM 336A Organic Chemistry Lab <u>Physics</u> PHYS 210A & B General Physics PHYS 209A & B General Physics Lab <u>Math</u> MATH 165 Statistics MATH 161 Calculus <u>English</u> ENGL 101 Expository Writing and Reading ENGL 214 Literature	BIOL 321 Molecular Biology, Cell Biology, and Physiology BIOL 342 Molecular Genetics BIOL 344 Cell Biology CHEM 336B Organic Chemistry Lab CHEM 446 Metabolic Biochemistry PSY 250 Introduction to Psychology
	Other Suggested Courses
	SCIENCE 150 Intro to Careers in the Health Professions BIOL 328 Vertebrate Evolutionary Morphology BIOL 349 Animal Physiology BIOL 472 Developmental Biology BIOL 480 Immunology

ADDITIONAL NOTES:

The courses listed in the left column (with SSU equivalents) are the minimum requirements. Students are strongly encouraged to take courses from the "Recommended" and "Suggested" list (right column). Please note that some of the courses listed above, especially 300 and 400 level science courses, may have other prerequisites.

The **Medical College Admissions Test (MCAT)** is required by all US and Canadian medical schools. For information about the MCAT and the medical school application process, visit <https://students-residents.aamc.org>.

For information about the SSU health professions advisory program, visit <https://scitech.sonoma.edu/hpap>.

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