

# 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)
<p><b><u>Biology</u></b>                      BIOL 130                      Intro Genetics and Cell Biology                      BIOL 131                      Biological Diversity and Ecology</p> <p><b><u>Chemistry</u></b>                      CHEM 115A &amp; B                      General Chemistry                      CHEM 335A &amp; B                      Organic Chemistry                      CHEM 336A                      Organic Chemistry Lab</p> <p><b><u>Physics</u></b>                      PHYS 210A &amp; B                      General Physics                      PHYS 209A &amp; B                      General Physics Lab</p> <p><b><u>Math</u></b>                      MATH 165                      Statistics                      MATH 161                      Calculus</p> <p><b><u>English</u></b>                      ENGL 101                      Expository Writing and Reading                      ENGL 214                      Literature</p>	<p>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</p>
	Other Suggested Courses
	<p>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</p>

**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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