

ALLOPATHIC MEDICINE AND OSTEOPATHIC MEDICINE

Required Courses¹

1 year of General Biology ²	Bio 225/225L/221/221L
1 year of General Chemistry	Chem 151/151L/152/152L
1 year of Organic Chemistry	Chem 301/301L/302/302L
1 year of General Physics	Phys 136/136L/137/137L or Phys 270/270L/271/271L
1 year of English comp/lit	USD GE Requirement
(Molecular/Cell Biology/Genetics) ³	Bio 300 & Bio 482 or Bio 480
(Calculus) ⁴	Math 150 recommended
(Biochemistry) ⁵	Chem 331

¹ **These courses will satisfy the requirements for most medical schools. Make sure that you check for additional requirements at your selected schools.** Most schools want you to have completed the required courses prior to the time of application. Also, note that many schools will not accept AP credit in lieu of the required courses (even if accepted by USD). You must then substitute advanced science courses for the traditional requirements satisfied with AP credits.

² Biology 190 is recommended before 225 or 221

³ Required or recommended at a number of medical schools.

⁴ Specifically required by 15 schools, recommended by 13 others; it is a prerequisite for most college level physics classes. A few schools require one year of calculus (Math 150/151). Several schools require or recommend statistics (Math 351)

⁵ Biochemistry is required or recommended by roughly 1/3 of the medical schools.

****WARNING**** Take all required classes for a grade; Pass/Fail is not acceptable!

MCAT (<http://www.aamc.org/students/amcas/start.htm>)

Four sections: Verbal Reasoning, Physical Science, Writing Sample, and Biological Science. You need to take this at least one year prior to the year you matriculate (spring of your junior year if you plan to start medical school right after graduation).

Extracurricular Activities

Clinical: Experiences in medical settings are important ways for you to learn about the field of medicine.

Research: Research experiences are strongly recommended by many medical schools. Choose any type of research that interests you – on or off campus – paid or unpaid.

Leadership: There are many opportunities on and off campus to become involved.

****It's always best to find something that you're very interested in and become involved. Try to refrain from the check-box approach where you do one day of this and one day of that – it's not looked upon favorably. You do not need to have all sorts of different experiences, it's best to have meaningful ones.**

Web Resources: <http://www.aamc.org/students>