

UC Medical School Admissions Course Requirements

UCLA

Prerequisites

The admission requirements are satisfied by the following courses:

ENGLISH	One year of college English to include the study of English composition
PHYSICS	One year of college Physics (with lab)
CHEMISTRY	Two years of college chemistry to include the study of inorganic chemistry, quantitative analysis and organic chemistry (with lab)
BIOLOGY	One year of general biology (with lab)
MATHEMATICS	One year of college mathematics to include the study of introductory calculus and statistics
SPANISH	Highly recommended
HUMANITIES	Highly recommended
COMPUTER SKILLS	Highly recommended

In the time not occupied by the required courses, students should pursue studies in the social sciences and humanities.

Courses overlapping in subject matter (e.g. human anatomy) with those in the school of medicine are not recommended. However, basic or advanced courses in biological science (e.g. cellular physiology) are desirable.

Completion of Requirements: Students must complete all premedical requirements before beginning the first year of medical study, although these requirements need not be completed at the time application for admission is filed. **AP credit will not be accepted for completion of required courses.**

Residence: No preference is given to state of residence. However many applicants come from California. Acceptees from California are more likely to matriculate at UCLA. Out of 145 freshman, 85 percent were from California.

UCSD

You must complete the following lecture courses with a grade of "C" or better to be eligible to apply to the UCSD School of Medicine. Typically, each of these required courses must be completed at an accredited U.S. institution.

- One year (2 semesters or 3 quarters) of college-level Biology (excluding botany & biochemistry).
- One year (2 semesters or 3 quarters) of college-level General Chemistry (biochemistry is acceptable).
- One year (2 semesters or 3 quarters) of college-level Organic Chemistry.
- One year (2 semesters or 3 quarters) of college-level Physics.
- One year (2 semesters or 3 quarters) of college-level Math (only calculus, statistics, or computer science will be considered).
- UCSD does not require any laboratory coursework.
- UCSD does not require English coursework, but competence in spoken and written English is required.

AP credit with a score of 4 or 5 can be used to satisfy some of the requirements:

- The full year of Math.

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- One semester of Physics (meaning you would need to complete ONE semester or TWO quarters to complete the requirements).
- One semester of General Chemistry (meaning you would need to complete ONE semester or TWO quarters to complete the requirements).

AP credit can NOT be used to meet the Biology or Organic Chemistry requirements.

UC Davis

The following college-level courses are required:

- English: 1 year
- Biological Sciences, lower division (with lab): 1 year
- Biological Sciences, upper division (lab not required): 1/2 year*
- General Chemistry (with lab): 1 year
- Organic Chemistry: 1 year
(If two or more undergraduate courses are offered, the more rigorous option is recommended)
- Physics: 1 year
- Mathematics (college-level math): 1 year
(College-level statistics fulfills a portion of the requirement.)

AP/CLEP credit is not acceptable for prerequisite courses.

* Upper division biological science requirement can be satisfied by one semester or two quarters of biochemistry, molecular biology, cell biology or genetics. Admission to medical school requires that the applicant have an understanding of fundamental concepts of biomedical science. Although a biochemistry course is not absolutely required for admission, it is strongly recommended.

UCI

Requirements for Entering:

Subject	Years	Semester and Quarter Units	Comments
Biology	1.5	12 semester 16 quarter	1 year of Labs. Courses must include one upper-division Biology course.
Chemistry	2	16 semester 20 quarter	1 year of Labs. Courses must include Inorganic, Organic, and Biochemistry.
Physics	1	8 semester 12 quarter	
Math	1	6 semester 8 quarter	Courses must include Calculus and Statistics.
English Writing/ Composition	0.5	3 semester 4 quarter	

Applicants are strongly encouraged to have completed their basic science requirements by the time they submit their application. No specific major is required, however, demonstrated ability in the sciences is of great importance. In addition, applicants are advised to take advantage of the intellectual maturation

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afforded by a well-rounded liberal arts education. English, the humanities, the social and behavioral sciences are considered particularly important. The following courses are also recommended but not required: cell biology, genetics, physical chemistry, vertebrate embryology, developmental and abnormal psychology, and Spanish.

UCSF

Required courses include:	Quarter Units
General Chemistry, one year with laboratory	12
Organic Chemistry	8
Physics, one year with laboratory	12
General Biology, one year with laboratory, including the study of vertebrate zoology	12-15

Courses in vertebrate embryology, genetics, cell physiology, or comparative vertebrate anatomy, with laboratory, will satisfy the biology requirement for admission.

Advanced Placement credit will be accepted for the general chemistry and general physics requirements for admission if the credit is verified on your college transcript.

We also recommend that premedical students take mathematics courses, upper-division biological science courses, humanities courses, and English composition courses.