

MEDICAL SCHOOL PROGRAMS

General Info:

- ✚ There is no required or preferred undergraduate major.
- ✚ Most medical schools require a bachelor's degree and seek applicants whose undergraduate academic record demonstrates their potential for success in medical school.
- ✚ AP (Advanced Placement) credit cannot be used to fulfill all of the pre-med course requirements.
- ✚ Most medical school applications are processed through a central agency called the *American Medical College Application Service* (AMCAS). <https://www.aamc.org/students/>
- ✚ Take the MCAT in spring of the year prior to graduation (JUNIOR YEAR).
 - *The MCAT Student Manual* (28 pages) contains information on the format and content of the MCAT and is available in CSC or by download at <http://www.aamc.org/students/mcat/start.htm>
 - The MCAT consists of three multiple choice sections scored on a scale from 1-15 (8 is the national mean) and a writing sample. Successful UCSD applicants for MD schools typically score 10 or above on several sections.
- ✚ Medical schools seek to admit students from diverse socioeconomic, cultural, educational and ethnic backgrounds; there is no stereotypical candidate.
- ✚ Most admission committees look at GPA, MCAT scores, extracurricular and community activities, work experience, personal background, letters of recommendation and personal statement to determine if you have the personal characteristics that are desirable in a physician (e.g., initiative, communication and leadership skills, maturity, integrity, etc.).

Excellent resources for counselors and students:

- ✚ Aspiring doctors <http://www.aspiringdocs.org>
- ✚ Tomorrow Doctors <http://www.aamc.org/students/>
- ✚ UCSD Career Services Center <http://career.ucsd.edu/undergrads/interest-areas/pre-med.html>
- ✚ American Medical College Application Service (AMCAS) <http://www.aamc.org/students/amcas/start.htm>
- ✚ A must-have book - often called the "bible of medical school guides" - is the #1 source for med students and counselors: "Medical School Admission Requirements (MSAR™)."
- ✚ Pre Med 101: <http://medicalschoollhq.net/pre-med-101-everything-you-need-to-know-as-a-pre-med-student/>
- ✚ AAMC Getting into Med School: <https://students-residents.aamc.org/choosing-medical-career/medical-school-101/getting-medical-school/>
- ✚ Med School admission by the numbers: <http://www.kaptest.com/blog/med-school-pulse/2016/10/03/med-school-admission-by-the-numbers/>

- **KECK School of Medicine at USC** <http://keck.usc.edu>
 - For 2016, there were 7,752 applicants and 186 admitted students.
 - The average GPA of entering medical students was 3.7 on a 4.0 scale.
 - The average AOF in 2015 total score on the MCAT was 35 (for the MS program in Clinical and Biomedical Investigations, MCAT scores may be substituted for the GREs).
- **Stanford University School of Medicine.** <https://med.stanford.edu/school.html>
 - For 2016, there were 8,000 applicants and 90 admitted students.
 - The average GPA of entering medical students was 3.85 on a 4.0 scale.
 - Average total MCAT score was 37.
- **University of California, Davis School of Medicine.** <http://www.ucdmc.ucdavis.edu/medschool/>
 - For 2017, there were 6,900 applicants and 200 admitted students.
 - The average GPA of entering medical students was 3.71 on a 4.0 scale.
 - Average total MCAT score was 32.

- **University of California, Irvine, College of Medicine.**
<http://www.meded.uci.edu/Admissions>
 - For 2017, there were 7,000 applicants and 204 admitted students.
 - The average cumulative GPA of students was 3.6 and average science GPA 3.72
 - Average total MCAT score was 82%
 - Physical science 11.5, verbal 10.2, biological sciences 11.5.

- **University of California, Los Angeles David Geffen School of Medicine**
<http://dgsom.healthsciences.ucla.edu/dgsom/education/pages/mep>
 - For 2017, there were +9,000 applicants and 170 admitted students into their 4 programs.
 - The average GPA of entering medical students was a 3.81 on a 4.0 scale.
 - The average score for the MCAT was 82%
 - (School is Now accepting AP scores.)
 - Starting 2018 competency-based admission consideration will be used for admission.

Includes the Charles Drew medical program:

1. **Charles Drew/UCLA Medical Education Program**

<http://www.cdrewu.edu/com/>

- On average there are 1,800+ applicants and they will admit only 24.
- In 2017 average GPA of entering medical students was a 3.5 on a 4.0 scale.

- **University of California, Riverside School of Medicine.**
<http://medschool.ucr.edu/>
 - For 2017, there were 6,000 applicants and 120 were admitted.
 - The average cumulative GPA was 3.6 and science GPA 3.6
 - Average MCAT 509

- **University of California, San Diego School of Medicine.** <http://meded.ucsd.edu/asa/admissions/>
 - For 2017, there were approximately 7,990 applicants, 743 applicants interviewed, 240 offered admission, and 134 students were in the entering class.
 - The average cumulative GPA 3.76 and average science GPA 3.62 on a 4.0 scale.
 - The average total score on the MCAT was 515.6
 - Composite average 93rd percentile, CARS: 128.3, CPFBS 128.6; BBFL:129.5, PSBFB: 129.5
 - 70% of students were biology/chemistry majors

Common medical school prerequisites:

- ✚ • **Biology:** One year of general biology course work and one quarter of lab are required by most medical schools. BIO 202 & 204.
- ✚ • **Chemistry:** One year with one quarter of lab in both inorganic and organic chemistry is typically required. CHEM 110 & 111 and CHEM 210 & 211.
- ✚ • **Physics:** One year general Physics 1. PHYS 151 & 152 or PHYS 111 & 112.
- ✚ • **Mathematics:** While not often specifically required for admission to medical school, a calculus background is expected as pre-requisite to UCSD courses in chemistry and physics. MATH 150 & 155.
- ✚ • **English Comp:** ENGL 100 and ENGL 201 or 202.
- ✚ Subjects in Spanish, humanities, and computer skills though not required are highly recommended.

FYI: Employment of physicians and surgeons is expected to grow 14% through 2024 especially in the areas of family practice, internal medicine, and OB/GYN or in rural or low-income areas. The demand for physicians' services is highly sensitive to changes in consumer preferences, health care reimbursement policies, and legislation. Median pay in 2016 was 208,000 per year.

Resources:

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2015-17 Edition*, Physicians and Surgeons, on the Internet at <http://www.bls.gov/ooh/healthcare/physicians-and-surgeons.htm> (visited July 2017).