



Information for Pre-Health Students

UC San Diego

Seventh College Academic Advising

858-246-4910

| seventh.ucsd.edu

General Information

Pre-health students are planning for careers in medicine, dentistry, pharmacy, physician assistant, optometry, physical/occupational therapy, veterinary medicine, public health, and nursing. Pre-health students can study any major as long as they also complete professional school prerequisites (see *Health Professional School Prerequisites*). Admission is determined by many factors; it is important to balance academic excellence with clinical, research, service, and leadership experiences.

Advanced Placement (AP) Credit

Most health professional schools accept AP credit; check each medical school's website to review specific prerequisites. Do not enroll in courses for which you will receive AP credit as no units will be earned.

Helpful Resources

Health Beat at the Career Center

healthbeat.ucsd.edu

Explore health professions and prepare for the application process through participation in events, workshops, and pre-health advising. [Register as Pre-Health/Pre-Med](#) to receive important email updates.

Health and Medical Professions Preparation Program (HMP³)

hmp3.ucsd.edu

Engage in enriching experiences designed to expand your mind and increase your qualifications for entry into the health professions.

Academic Enrichment Program

aep.ucsd.edu

Obtain valuable research-oriented academic or professional experience.

Academic Internship Program

aip.ucsd.edu

Complete internships for upper division credit.

Research Experience and Applied Learning (REAL) Portal

real.ucsd.edu

Apply your classroom knowledge in real-world settings.

Handshake

ucsd.joinhandshake.com

Find off-campus jobs, internships, volunteer opportunities, and on-campus jobs (including work-study).

Center for Student Involvement

students.ucsd.edu/student-life/involvement

Discover various ways you can get involved on campus.

Co-Curricular Record

myccr.ucsd.edu

Highlight your achievements in opportunities beyond the classroom on an official record.



Health Professional School Prerequisites

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Prerequisites vary by institution and are subject to change – refer to each health professional school’s website to verify specific requirements.

| | MD / DO | Physician Assistant | Nursing | Dental | Pharmacy | Optometry | Physical Therapy | Occupational Therapy | Veterinary | Podiatry | Public health |
|--|---------------------|---------------------|-------------------------------------|----------------------|-------------------|--|-----------------------------|-------------------------------|---|-----------|---------------|
| English (SYN 1-2 & SYN 100) | 1 year | 1 year | 1 year | 1 year (varies) | 1 year | 1 year | 1 year | recommended | 1 year | 1 year | recommended |
| General Chemistry w/ Lab (CHEM 6ABC & 7L) | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | | 1 year | 1 year | |
| Organic Chemistry w/ Lab (CHEM 40ABC & 43A) | 1 year | varies | varies | 1 course | 1 year | 1 year | varies | | 1 year | 1 year | |
| Biology w/ Lab (BILD 1-3 & any upper division lab) | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | varies | 1 year | 1 year | |
| Physics w/ Lab (PHYS 1 or 2 series) | 1 year | | | 1 year | 1 year | 1 year | 1 year | varies | 1 year | 1 year | |
| Math (Calculus: MATH 10ABC or 20ABC) (Statistics: MATH 11 or PSYC 60) | 1 year | College Algebra | College Algebra | 1 year | 1-2 quarters | 1 Calculus course; 1 Statistics course | 1 Statistics course | 1 Statistics course | 1 year | 2 courses | 1 year |
| Biochemistry | 1 course | varies | | recommended | varies | | | | 1 course | | |
| Social Science | SOCI 70 recommended | varies | Psychology | 1 course | 1-2 courses | Psychology | varies | General & Abnormal Psychology | varies | | |
| Anatomy w/ Lab (not offered at UCSD) | | 1 course | 1 course | recommended | varies | 1 course | 1 course | 1 course | 1 course | 1 course | |
| Physiology w/ Lab (lab not offered at UCSD) | | 1 course | 1 course | 1 course | varies | 1 course | 1 course | 1 course | 1 course | 1 course | |
| Microbiology w/ Lab | | 1 course | 1 course | recommended | varies | 1 course | 1 course | | varies | 1 course | |
| Other (Recommended) | Foreign language | | Nutrition, Speech, Foreign Language | Business, Studio Art | Speech, Economics | Immunology | Speech, Medical Terminology | Medical Terminology, Art | Zoology, Genetics, Cell Biology, Animal Nutrition | | |