

Pre-Health Pathways

Medicine

- Possible degrees: MD (Doctor of Medicine) & DO (Doctor of Osteopathic medicine)
- Course Requirements
 - Many medical schools require 1 year of: General Biology, General Chemistry, Organic Chemistry, Physics, and Biochemistry. Review this link from the [Pre-Health Advising website](#), as well as individual institution requirements for more detailed information.
- [Experiences](#)
 - Cal Poly's AMSA club discusses medical school and how to apply
 - Volunteering (health or non-health related): community organizations, hospitals, non-profits, etc.
 - Clinical hours: EMT, medical assistant, phlebotomist, etc.
 - Research: research assistant, working in a professor's lab, research track, etc.
 - Leadership: starting a club, starting an event/program that aligns with your interests or something in the medical field (a health event or music program; even if an event/program isn't directly related to medicine, having a leadership role in something is important), having a lead role in research/clinical work
- MCAT
 - A huge part of applying to medical school is studying for and taking the [MCAT](#).

Nursing:

- Possible degrees: RN, NP, CNS, CNM, & CRNA
- Course Requirements
 - [Nursing schools](#) usually require Biology, Microbiology, Anatomy & Physiology, General Chemistry, Biochemistry, and Organic Chemistry. You should consult [this link from the Pre-Health Advising website](#), as well as individual institution requirements for more detailed information.
- Experiences
 - In addition to course requirements, you also need to [consider volunteering, clinical hours, research, and leadership opportunities](#).
 - Cal Poly has a nursing club where you can learn more about the profession
 - Volunteering (health or non-health related): community organizations, hospitals, non-profits, etc.
 - Clinical hours: EMT, medical assistant, phlebotomist, etc.

- Research: research assistant, working in a professor's lab, research track, etc.
- Leadership: starting a club, having a lead role in one of the above categories, etc.