

# Preprofessional Preparation

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Preprofessional programs are available for students who plan to transfer to other institutions for the completion of professional curricula in such fields as law, medicine, veterinary medicine, pharmacy, dentistry, optometry, architecture, theology, librarianship, chiropractic therapy, osteopathic medicine, and podiatric medicine. Some of these programs are described here.

Students planning to complete a preprofessional program and degree at California State University, Fresno must complete a major offered at this university. They should include their preprofessional area plus their university major on all registration forms; for example, premedical-chemistry, premedical-biology, prelaw-history, prelaw-political science. There are no preprofessional majors *per se*. Instead, preprofessional students work toward various university degrees and while doing so, incorporate into their college programs courses required for entry into professional schools.

Careful program planning is important in order to select proper classes and complete requirements in a timely way. Regular advising is essential since professional schools change their requirements occasionally. Preprofessional students should contact their respective major and preprofessional advisers before enrolling in classes each semester to stay abreast of changes.

Students considering a preprofessional program and degree in a major within the College of Science and Mathematics may contact the Science and Health Careers Information Center at 559.278.4150, Science I, Room 136, [www.csufresno.edu/shcic](http://www.csufresno.edu/shcic), for more information.

A current list of preprofessional advisers is available in the Office of Advising Services, Joyal Administration Building, Room 224. For more information, call Advising Services, 559.278.1787 or fax 559.278.1895.

**Preclinical laboratory sciences.** Students interested in a medical career in clinical laboratory science (CLS) can satisfy their pre-CLS requirements at California State University, Fresno. Successful completion of the following is required: CHEM 1A-B, CHEM 105, CHEM 128A-B, CHEM 129A, CHEM 150, BIOL 1A-1B, BIOL 120, BIOL 121, BIOL 157 and 157L, BIOL 164, and PHYS 2A-B. Several other upper-level BIOL and CHEM courses are highly recommended; for details, consult a pre-CLS adviser and consult education coordinators at hospitals with one-year CLS training programs.

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**Predental.** The minimum training for dentistry is a seven-year course — the first three years (90 units) of predental training in a college or university and the remaining four years (dental training) at a school of dentistry.

However, most students are not accepted by dental schools until four years of college are completed. Due to the large number of applicants, students who do not have better than a 3.5 GPA should earn a bachelor's degree before applying to a dental school. Majors that are most compatible with required classes are in the sciences, particularly biology and chemistry. However, as long as the required preprofessional courses are completed, any major is acceptable.

The minimum predental program required by accredited dental schools is one year each of English, general chemistry, physics, and biology, plus one semester (and often one year) of organic chemistry. Check with each dental school for specific additional requirements like psychology. The Dental Admission Test (DAT) is required. Many dental schools also require a personal interview; some schools administer additional tests. For other information, contact a predental adviser and consult dental school catalogs or the American Dental Education Association at [www.adea.org](http://www.adea.org)

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**Prehealth careers.** Advisement is available for students interested in preparing for health careers in occupational therapy, chiropractic medicine, radiological technology, related areas, or as a physician's assistant. While these programs are not offered at California State University, Fresno, most, if not all, prerequisites are. Students should seek academic and career advisement early in their academic programs.

For preoccupational therapy and other pre-health careers, see the Interdisciplinary Health and Rehabilitation Sciences (IHRS) major, under the Physical Therapy Department, or contact the IHRS undergraduate adviser, Dr. Cheryl Hickey, 559.278.3030. Students seeking information on other undergraduate and graduate allied health programs not offered at this campus may contact the College of Health and Human Services:

**Penny Lacy, Academic Adviser**  
College of Health and Human Services  
McLane Hall, Room 194  
559.278.4004; FAX: 559.278.6360

**Prelegal.** Most fully accredited law schools require a bachelor's degree for admission. Since a prelegal program providing a broad cultural background is recommended by the law schools, any baccalaureate major, depending on the student's interest, may be chosen from the university offerings. (See *Degree Programs, Majors and Minors*.) Law schools suggest courses, but not necessarily a major, in the following: written and oral English, American and English constitutional history, world history, accounting, business administration, elementary logic, mathematics, statistics, economics, political science, philosophy, science and foreign language. A score on the Law School Admission Test (LSAT) is required before students can be accepted into law school. It is recommended that the LSAT be taken no later than December of the student's senior year. In addition, most law schools require a personal statement and letters of recommendation that address academic skills and preparation for the study of law. For further information consult a prelaw adviser and law school catalogs.

For a list of prelaw advisers, contact the Office of Advising Services in Joyal Administration, Room 224. 559.278.1787; FAX: 559.278.2323

**Prelibrarianship.** Librarianship offers many career opportunities to people of different academic backgrounds, interests, and talents. Librarianship is the profession that collects, organizes, and preserves the records of society and provides access to them. Librarians work with a wide variety of people and materials (books, music, media, databases, maps, archives and more). Professional opportunities include service in academic, public, and school libraries as well as libraries and information centers in corporations, medical/research centers, law firms, and museums. Librarians also work in Web development, information systems, knowledge management, and publishing. Constantly changing technologies offer new opportunities such as the recent applications of digital media to archives and preservation. Education for entry level positions in library and information studies is the master's degree. Entrance requirements for these programs vary, but usually require an understanding of computers and technology.

For additional information about library schools, their requirements and programs,