

For additional information about library schools, their requirements and programs, and library career opportunities, contact the library science adviser:

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Premedical. Requirements for admission to medical school vary somewhat from one medical school to another and change from time to time, but a well-balanced liberal education is usually specified. Any major will do; choose a major according to your interests. Some aptitude and university training in science and English are essential in medicine. The minimum requirements in these subjects specified by most medical schools can be satisfied by specific courses in biology (BIOL 1A-1B/1BL), chemistry (CHEM 1A/1AL-1B/1BL, 128A-B, 129A and often 129B), physics (PHYS 2A-B), and two semesters of English. A course in biochemistry is often required or strongly recommended. Courses in physiology, genetics, molecular biology, immunology, and cell biology may be helpful in preparation for the Medical College Admission Test (MCAT). Also, some facility with mathematical concepts is usually expected; one semester of calculus and one semester of statistics will meet the requirements for most medical schools. Because of competition for admission to medical schools, a grade point average of about 3.6 is highly desirable. The MCAT is required before students can be accepted into medical school. It is recommended that the MCAT be taken and application for medical school be made at least one year before anticipated matriculation into medical school.

Students considering a career in medicine should review the information at www.fresnostate.edu/premed. For consultation on a course of study and on becoming a competitive medical school applicant, contact a premedical adviser.

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Preoptometry. California State University, Fresno provides courses for the completion of preprofessional requirements of an optometry program. Most professional schools require junior standing and coursework which includes two years of biology and chemistry as well as one year of mathematics, physics and English, and one semester of psychology and statistics with above-average scholarship. The Optometry Admission Testing Program (OAT) exam is required before application can be made to optometry school. Application should be made one year in advance of anticipated enrollment.

For further information, see optometry school catalogs and consult the preoptometry adviser.

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Prepharmacy. California State University, Fresno provides prepharmacy coursework to prepare a student for admission into a four-year pharmacy program. All new and transfer students should indicate an interest in pre-pharmacy on application, admittance, and registration papers. Admission to most pharmacy schools now requires a B+ average or better in a minimum of 60 semester units, including one year each of general chemistry, organic chemistry, physics, calculus, biology, and English composition. Certain schools may have additional specified requirements. Although some students gain admission to pharmacy school after two or three years of undergraduate study, most students are not accepted until they have completed four years of college. Students, especially those without a high cumulative grade point average, should plan to graduate with a bachelor's degree before entering a pharmacy program. 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. For further information, see a prepharmacy adviser and consult pharmacy school Web sites (www.aacp.org).

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