

bachelor's degree. (See *Degree Programs, Majors, and Minors*.)

Requirements for admission to medical school vary considerably from one medical school to another and change from time to time, but a well-balanced liberal education is usually specified. 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 the following: biology, 13 units; chemistry, 19 units; physics, 8 units; and English, 6 units. Calculus is now required by some medical schools and a reading knowledge of a modern foreign language is required by a few. Because of competition for admission to medical schools, a grade average of above 3.5 grade points is highly desirable. The Medical College Aptitude Test (MCAT) is required before a student can be accepted into medical school. It is recommended that the MCAT be taken and application for medical school be made at the end of the Junior year.

Freshman, transfer, and all other students who are entering the program are advised to attend the premedical student orientation meeting scheduled prior to registration. (See the new-student orientation calendars.) Each student will be assigned to a member of the premedical advisory committee who will assist him or her in planning a program of courses and will advise him or her concerning preparatory procedures for application to medical school.

#### **PREOPTOMETRY**

California State University, Fresno provides courses for the completion of the first two years of a six-year optometry program. Most professional schools require that these two years include one year of biology, chemistry, mathematics, physics, English, and psychology or one semester of statistics with above average scholarship. Calculus and microbiology are also required by many professional schools. Consult optometry school catalogs and the preoptometry adviser, Department of Physics, for further information.

The Optometry College Admission Test is required before application can be made to optometry school. Application should be made one year in advance of enrollment.

#### **PREPHARMACY**

The first two years (prepharmacy) of a six-year pharmacy program may be completed at CSUF. All new and transfer students should indicate on application, admittance and registration papers an interest in prepharmacy-biology. Most professional schools require a C average or better for a minimum of 60 semester units, including one year each of inorganic chemistry, physics, calculus, zoology, English composition, and literature; one semester of organic chemistry or quantitative analysis; and additional elective courses which are specified in certain areas by some schools. Students may elect to complete more than 60 semester units before applying to pharmacy school. A personal interview may be required of applicants by some schools. For other information see pharmacy school catalogs and consult the prepharmacy adviser in the Department of Biology.

#### **PREVETERINARY**

Students preparing for the veterinary profession can satisfy their preveterinary curriculum requirements at CSUF. Preveterinary students should plan to complete a BS Degree prior to application to a school of veterinary medicine. Recommended preveterinary courses are Animal Science 10, 120, and 125; Botany 10; Chemistry 1A, 1B, 8, 109 and 150; Physiology 140; Physics 1A and 1B; Microbiology 20 and 21; Zoology 1 and 160. The School of Agricultural Sciences is equipped to provide valuable experience with large animals through the student project program. Students desiring further information regarding the preveterinary curriculum should consult the Chairman of the Animal Science Department.