

PUBLIC SCHOOL CREDENTIALS

Fresno State College is authorized by the State Department of Education to recommend candidates for credentials for public school services listed below. Students must meet certain minimum requirements prior to admission to a credential program. These requirements are listed on page 148-149. Holders of bachelor's degrees must complete for teaching credentials a minimum of 15 semester units in residence at Fresno State College. For administration, supervision, and general pupil personnel services credentials, at least one-half of the postgraduate work must be complete in residence. For information on junior college teaching, see page 152.

Kindergarten-Primary Credential	149, 15
General Elementary Credential	149, 15
Junior High School Credential	15
Majors and Minors (see General Secondary Credential below)	
Special Secondary Credentials in:	15
Art	17
Business Education	13
Homemaking Education	11
Industrial Arts	12
Music	18
Physical Education (Men)	23
Physical Education (Women)	24
Public Safety and Accident Prevention Including Driver Education and Driver Training	16
Speech Arts	31
Special Secondary Limited Credentials in:	15
Industrial Arts Education	12
Music	18
General Secondary Credential	15
Majors and Minors in: (for Junior High and General Secondary)	
Agriculture (General)	8
Art	17
Business Education	13
English	19
Foreign Language	19
Health Education	16
Homemaking Education	11
Industrial Arts	12
Language Arts	194, 20
Life Sciences-General Science	21
Mathematics	27
Music	18
Physical Education (Men)	24
Physical Education (Women)	24
Physical Science-General Science	25
Social Studies	29
Speech	31
Elementary School Administration Credential	15
Secondary School Administration Credential	15
The Supervision Credential	15
General Pupil Personnel Services Credential	15
Areas of Specialization: Pupil Counseling; Child Welfare and Attendance Work; School Psychometry	
Credential to Teach Exceptional Children	15
Areas of Specialization: Speech Correction and Lip Reading in Remedial Classes; Mentally Retarded	
Health and Development Credential	16

PREPROFESSIONAL PREPARATION

Preprofessional programs are available for students who plan to transfer to another institution for the completion of professional curricula in such fields as dentistry, forestry, law, librarianship, medicine, optometry, occupational therapy, pharmacy, physical therapy, theology, and veterinary medicine. Certain of these programs are described below. Students should consult an adviser and the catalog of the school of their choice.

PREDENTAL

The minimum training for dentistry is a six-year course—the first two years (predental training) in a liberal arts college and the remaining four years (dental training) at a school of dentistry.

The minimum predental program required by accredited dental schools is one year each of English, inorganic chemistry, physics, and zoology; one semester of organic chemistry; and additional courses (usually elective in general education, but specified by some dental schools) to make a total of 60 units. Each science course must include laboratory.

The trend among dental schools is to require more than two years of predental training including a broad liberal arts background. Additional science courses recommended or required include a year course of organic chemistry instead of one semester, quantitative chemical analysis, elementary physical chemistry, other zoology courses, and in some cases a foreign language. Several schools require a bachelor's degree for entrance. The applicant is usually required to take the American Dental Association aptitude test and present evidence of physical fitness and good moral character. Many dental schools also require a personal interview and some administer additional tests. For other information, see the predental adviser and dental school catalogs.

PRELEGAL

Many law schools require a bachelor's degree for admission. It is, therefore, advisable for students preparing for law to arrange a four-year program leading to a bachelor's degree. Law schools recommend a prelegal program which gives a broad cultural background; no specific major is required. The prelegal student should choose the major most interesting to him. The majors offered at this college, many of which are suitable for a prelegal program, are listed on pages 73-74. Law schools suggest courses, but not necessarily a major, in the following: written and oral English, American and English constitutional history, world history, accounting, elementary logic, mathematics, economics, political science, philosophy, science, and foreign language. For further information consult an adviser and law school catalogs.

PRELIBRARIANSHIP

Accredited graduate schools of librarianship require a bachelor's degree for admission. A major in any subject is acceptable. A reading knowledge of two modern foreign languages is a requirement for admission to most graduate schools of librarianship; this requirement is normally satisfied by the successful completion of one college year in each of the languages. Students considering librarianship as a career should consult a member of the Library staff.