

CALIFORNIA STATE UNIVERSITY, STANISLAUS



RECOMMENDED CURRICULUM
FOR STUDENTS INTENDING TO ENTER



SCHOOLS OF OPTOMETRY

Coursework required by most California Optometric schools:

BIOL 1050	General Biology I
BIOL 1150	General Biology II
CHEM 1100	General Chemistry I
CHEM 1110	General Chemistry II
CHEM 3010/3012	Organic Chemistry I
CHEM 3020/3022	Organic Chemistry II
MATH 1410	Calculus I
PHYS 2100	Basic Physics I
PHYS 2110	Basic Physics II

Recommended coursework:

BIOL 3310	Cellular and Molecular Biology
BIOL 3350	Introductory Genetics
MBIO 3010/3032	Bacteriology
ZOOL 4280	Physiology of Human Systems
ZOOL 3130	Vertebrate Embryology
ZOOL 3150	Comparative Anatomy of Vertebrates
ZOOL 4151	Histology
CHEM 4400	Biochemistry I
MATH 1600	Statistics

Recommended concentrations in the Biological Sciences:

Concentrations in Biology Education, General Biology, Molecular & Microbial Biology, or Organismal Biology can help fulfill these required courses and most of the recommended courses while progressing toward a bachelor's degree.

Required examination: Optometry Application Test (OAT)

Additional Requirements:

Generally a minimum of 90 semester units (including public speaking, social science, and humanities courses as well as those listed above) are required, but a bachelor's degree is highly recommended. In addition, letters of recommendation from professors, physicians, etc. as well as a personal statement from the applicant are required. Acceptance into a school may be aided by a broad range extracurricular activities, medical-related experience, and fluency in a second language in addition to strong GPA (*e.g.*, ≥ 3.5) and OAT scores. Interested students should investigate admission requirements of specific schools well before beginning the application process.

For further information contact the CSU Stanislaus Pre-Health Professions Committee at 209.667.3476 or the Pre-Health Club