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 1910 Calculus with Applications
- 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 Animal 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 Society Club

Revised 10.29.2011