

CALIFORNIA STATE UNIVERSITY, STANISLAUS



RECOMMENDED CURRICULUM
FOR STUDENTS INTENDING TO ENTER

SCHOOLS OF PHARMACY



Coursework required by most California pharmacy 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
CHEM 4400	Biochemistry I
MATH 1410	Calculus I
MBIO 3010/3032	Bacteriology
PHYS 2100	Basic Physics I
PHYS 2110	Basic Physics II

Recommended coursework:

BIOL 3310	Cellular and Molecular Biology
BIOL 3350	Introductory Genetics
ZOOL 4280	Physiology of Human Systems
ZOOL 4151	Histology
ZOOL 3130	Vertebrate Embryology
ZOOL 3150	Comparative Anatomy of Vertebrates

Recommended concentrations in the Biological Sciences:

Biology Education or Organismal Biology can help fulfill these required and recommended courses while progressing toward a bachelor's degree.

Required examination: Graduate Record Exam (GRE)

Additional Requirements:

Generally a minimum of 64 semester units (including English composition, public speaking, psychology, 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, pharmacists, 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, work-related experience, and fluency in a second language in addition to strong GPA (*e.g.*, ≥ 3.5) and GRE scores. Interested students should investigate 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