

CALIFORNIA STATE UNIVERSITY, STANISLAUS

RECOMMENDED CURRICULUM
FOR STUDENTS INTENDING TO ENTER

CLINICAL LABORATORY SCIENCE



Coursework required by CAMLT:

BIOL 1050	General Biology I
BIOL 1150	General Biology II
CHEM 1100	General Chemistry I
CHEM 1110	General Chemistry II
CHEM 2010	Quantitative Analysis & Basic Instrumental Techniques
CHEM 3010/3012	Organic Chemistry I
CHEM 3020/3022	Organic Chemistry II
CHEM 4400	Biochemistry I
MBIO 3010/3032	Bacteriology
BIOL 4100	Immunology
MBIO 4300	Medical Microbiology
BIO 124	Clinical Hematology
PHYS 2100	Basic Physics I
PHYS 2110	Basic Physics II

Coursework recommended by CAMLT:

ZOOL 4440	General Parasitology
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Recommended concentrations in the Biological Sciences:

Molecular & Microbial Biology will fulfill these required and recommended courses while progressing toward a bachelor's degree.

Additional Requirements:

A bachelor's degree (including English composition, public speaking, social science, and humanities courses as well as those listed above) is required to qualify for a CLS Trainee license and entry into a training internship program. Acceptance into a program may be aided by a broad range extracurricular activities, related experience, and fluency in a second language in addition to strong GPA (*e.g.*, ≥ 3.5). Interested students should investigate requirements of specific programs 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