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

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 Department of Biological Sciences at 209.667.3476

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