

CALIFORNIA STATE UNIVERSITY, STANISLAUS
RECOMMENDED CURRICULUM PATTERN
FOR STUDENTS INTENDING TO ENTER
CLINICAL LABORATORY SCIENCE PROGRAM

High School Preparation in Science and Mathematics			
Algebra	2 units	Biology	1 unit
Geometry	1 unit	Chemistry	1 unit
Trigonometry	1/2 unit	Physics	1 unit

COURSEWORK

Required (*) and recommended by most schools
Check specific school catalogues for details

CSUS EQUIVALENT COURSES

18 Semester or equivalent quarter hours of Biological Sciences, including instruction in Immunology, Hematology, and Medical Microbiology, which may include Bacteriology, Mycology, Virology and Parasitology.

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| • COLLEGE BIOLOGY with lab (yr) * | BIOL 1050; BIOL 1150 |
| • MICROBIOLOGY with lab * | MBIO 3010/3032 |
| • MEDICAL MICROBIOLOGY with lab * | (Offered periodically) |
| • IMMUNOLOGY*, HEMATOLOGY*, SEROLOGY,
MYCOLOGY AND VIROLOGY | (Offered periodically) |
| • PARASITOLOGY with lab | ZOOL 4440/4442 |

16 semester or equivalent quarter hours of Chemistry, including instruction in analytical and biological chemistry

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| • GENERAL COLLEGE CHEMISTRY with lab (yr) * | CHEM 1100; 1110 |
| • ORGANIC CHEMISTRY with lab (yr) * | CHEM 3010/3012; CHEM 3020/3022 |
| • QUANTITATIVE ANALYSIS with lab * | CHEM 2010/22012 |
| • BIOCHEMISTRY * | CHEM 4400 |

2 semester or equivalent quarter hours of Physics including instruction in Principles of Light and Electricity.

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| • COLLEGE PHYSICS with lab (yr) * | PHYS 2250/2252; PHYS 2260/2262 |
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Mathematics - one semester college level *

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| • STATISTICS* or CALCULUS | MATH 1600 or MATH 1410 |
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SUPPORTING COURSEWORK SUGGESTED BY VARIOUS SCHOOLS

Anatomy or Comparative Anatomy, Introductory Computer course, Histological Techniques,
Instructional Analysis, Genetics,

For Further Information Contact:
 Pre-health Professions Committee
 California State University, Stanislaus
 (209) 667-3476