

**CALIFORNIA STATE UNIVERSITY, STANISLAUS**  
**RECOMMENDED CURRICULUM PATTERN**  
**FOR STUDENTS INTENDING TO ENTER**  
**SCHOOLS OF MEDICINE**

(A minimum of 90 semester credits of pre-professional course work applicable to baccalaureate degree)

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**

- ENGLISH AND COMMUNICATION SKILLS \*
- COLLEGE BIOLOGY with lab (yr) \*
- GENERAL COLLEGE CHEMISTRY with lab (yr) \*
- ORGANIC CHEMISTRY with lab (yr) \*
- BIOCHEMISTRY \*
- COLLEGE PHYSICS with lab (yr) \*
- CALCULUS \*
- ANATOMY AND PHYSIOLOGY
- EMBRYOLOGY and/or COMPARATIVE ANATOMY
- MICROBIOLOGY
- MOLECULAR BIOLOGY and/or GENETICS
- PSYCHOLOGY (INTRODUCTION)
- HUMANITIES /SOCIAL SCIENCES (yr) \*

**CSUS EQUIVALENT COURSES**

COMPOSITION, SPEECH AND CRITICAL THINKING REQUIREMENTS

BIOL 1050; BIOL 1150

CHEM 1100; 1110

CHEM 3010/3012; CHEM 3020/3022

CHEM 4400

PHYS 2250, 2252; PHYS 2260, 2262

MATH 1410

ZOOL 2250/2252; ZOOL 4280/4282

ZOOL 3130; ZOOL 3150

MBIO 3010/3032

BIOL 3310; BIOL 3350

PSYC 2010

**SUPPORTING COURSEWORK SUGGESTED BY VARIOUS SCHOOLS**  
 Immunology, Social Sciences, Humanities, Behavioral Sciences, Foreign language

**MCAT Mandatory**

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