

**CALIFORNIA STATE UNIVERSITY, STANISLAUS**  
**RECOMMENDED CURRICULUM PATTERN**  
**FOR STUDENTS INTENDING TO ENTER**  
**SCHOOLS OF VETERINARY 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 (one semester) \*
- COLLEGE PHYSICS with lab (yr) \*
- STATISTICS \*
- GENETICS \*
- CELLULAR AND MOLECULAR BIOLOGY
- SYSTEMIC PHYSIOLOGY
- EMBRYOLOGY/DEVELOPMENTAL BIOLOGY
- MICROBIOLOGY with lab
- COMPARATIVE ANATOMY
- HUMANITIES AND FINE ARTS (2 semesters)

**CSUS EQUIVALENT COURSES**

COMPOSITION, SPEECH AND CRITICAL THINKING REQUIREMENTS  
 (Minimum of 6 units)  
 BIOL 1050; BIOL 1150  
 CHEM 1100; 1110  
 CHEM 3010/3012; CHEM 3020/3022  
 CHEM 4400  
 PHYS 2250/2252; PHYS 2260/2262  
 MATH 1600  
 BIOL 3350  
 BIOL 3310  
 Zool 4280  
 ZOOL 3130  
 MBIO 3010/3032  
 ZOOL 3150

**SUPPORTING COURSEWORK SUGGESTED BY VARIOUS SCHOOLS**

Behavioral and Social Sciences

**GRE Mandatory**

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