

# CALIFORNIA STATE UNIVERSITIES

## CCSF COURSES APPROVED FOR CERTIFICATION OF GENERAL EDUCATION AREAS FOR ALL CALIFORNIA STATE UNIVERSITIES FOR 2016-2017 ONLY

### AREA A:

ENGLISH LANGUAGE COMMUNICATION & CRITICAL THINKING (9 SEMESTER UNITS OR 12- 15 QUARTER UNITS WITH AT LEAST ONE COURSE FROM EACH OF A1, A2, AND A3)

A1. ORAL COMMUNICATION: Completed  
ENGLISH AS A SECOND LANGUAGE 79;  
SPEECH 1A, 3, 4, 6, 11, 12, 20;

A2. WRITTEN COMMUNICATION:  
ENGLISH 1A;

A3. CRITICAL THINKING:  
ENGLISH 1B, 1C;  
PHILOSOPHY 2, 4, 40;  
SPEECH 2, 3;

### AREA B:

SCIENTIFIC INQUIRY & QUANTITATIVE REASONING:  
[9 SEMESTER UNITS OR 12- 15 QUARTER UNITS REQUIRED WITH AT LEAST ONE COURSE EACH FROM B1, B2 (AT LEAST ONE TO CONTAIN A LABORATORY COMPONENT IDENTIFIED IN B3) AND B4]

B1. PHYSICAL SCIENCE:  
ASTRONOMY 1, 17, 18, 19;  
CHEMISTRY 32, 40, 101A, 101B, 103A, 110,  
208A, 208B, 212A, 212B;  
ENERGY 3;  
GEOGRAPHY 1;  
GEOLOGY 10, 11, 30;  
OCEANOGRAPHY 1;  
PALEONTOLOGY 1;  
PHYSICAL SCIENCE 11;  
PHYSICS 2A, 2B, 4A, 4B, 4C, 4D, 10, 20, 40, 41;

B2. LIFE SCIENCE:  
ANATOMY 14, 25;  
ANTHROPOLOGY 1;  
ASTRONOMY;  
BIOLOGY 9, 11, 12, 14, 30, 31, 32, 33, 40, 61, 100A,  
100B, 225;  
ECOLOGY 10, 20;  
ENVIRONMENTAL MONITORING, SAMPLING & ASSESSMENT 28;  
GENETICS 10;  
GEOGRAPHY 31,  
MICROBIOLOGY 10, 12;  
NUTRITION 12;  
PHYSIOLOGY 1, 12;  
PSYCHOLOGY 1B;  
SUSTAINABILITY 31, 225;  
ZOOLOGY 10;

B3. LABORATORY ACTIVITY (TO BE TAKEN WITH COURSE FROM B1 OR B2)  
ANATOMY 14, 25;  
ASTRONOMY 16;  
BIOLOGY 9, 11, 12, 14, 32L, 41L, 100A, 100B;  
CHEMISTRY 32, 40, 101A, 101B, 103A, 208A, 208B, 212A,  
212B;  
ECOLOGY 20;

ENERGY 3L;  
ENVIRONMENTAL MONITORING, SAMPLING & ASSESSMENT 28;  
GENETICS 11;  
GEOGRAPHY 1L;  
GEOLOGY 10L, 11L, 30L;  
MICROBIOLOGY 12;  
OCEANOGRAPHY 1L;

C2. HUMANITIES/cont. :  
CLASSICS 35;  
ENGLISH 1B, 30A, 30B, 35A, 35B, 35C, 35D,