

# CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION BREADTH REQUIREMENTS 2019-2020

## A. English Language Communication and Critical Thinking

Minimum of 9 semester units with one course each in subareas A1, A2 and A3, completed with grades of "C-" or better.

Code	Title	Units
<b>A1. Oral Communication (3 semester units)</b>		
BUS 0085	Introduction to Oral Communication	
COMM 0001	Fundamentals of Public Speaking	
COMM 0002	Argumentation and Rhetorical Criticism	
COMM 0003	Small Group Communication	
COMM 0005	Communication Foundations	
<b>A2. Written Communication (3 semester units)</b>		
ENGL 0001A	College Reading, Writing, and Research	
<b>A3. Critical Thinking (3 semester units)</b>		
COMM 0002	Argumentation and Rhetorical Criticism	
ENGL 0001B	Critical Thinking and Writing about Literature	
ENGL 0001C	Critical Thinking and Writing across the Curriculum	
ENGL 0011	Analytical and Critical Thinking in Reading	
PHIL 0004	Introduction to Critical Thinking	
PHIL 0012	Introduction to Symbolic Logic	

## B. Scientific Inquiry and Quantitative Reasoning

Minimum of 9 semester units with one course each in subareas B1, B2 and B4, plus one corresponding laboratory component required from either area B1 or B2 (laboratory courses and related lecture/laboratory combinations are indicated by an asterisk). The subarea B4 course must be completed with a grade of "C-" or better.

Code	Title	Units
<b>B1. Physical Science (3 semester units)</b>		
AGRI 0221	Introduction to Soil Science	
ASTR 0002	Introduction to Planetary Systems	
ASTR 0002 & ASTR 0011	Introduction to Planetary Systems and Observational Astronomy *	
ASTR 0002 & ASTR 0014	Introduction to Planetary Systems and Astrophotography and Imaging *	
ASTR 0005	Introduction to Stars, Galaxies, and the Universe	
ASTR 0005 & ASTR 0011	Introduction to Stars, Galaxies, and the Universe and Observational Astronomy *	

ASTR 0005 & ASTR 0014	Introduction to Stars, Galaxies, and the Universe and Astrophotography and Imaging *
ASTR 0007	Life in the Universe
ASTR 0010	Elementary Astronomy
ASTR 0010 & ASTR 0011	Elementary Astronomy and Observational Astronomy *
ASTR 0010 & ASTR 0014	Elementary Astronomy and Astrophotography and Imaging *
ASTR 0025	Frontiers in Astronomy
CHEM 0001A	General Chemistry I *
CHEM 0001B	General Chemistry II *
CHEM 0002A	Introduction to Chemistry I *
CHEM 0002B	Introduction to Chemistry II *
CHEM 0003A	General Chemistry I - Part 1 *
CHEM 0003B	General Chemistry I - Part 2 *
CHEM 0140	Survey of Chemistry and Physics *
ESCI 0001	Physical Geology
ESCI 0001 & 0001L	Physical Geology and Physical Geology Laboratory *
ESCI 0002	California Geology
ESCI 0003	Historical Geology
ESCI 0003 & 0003L	Historical Geology and Historical Geology Laboratory *
ESCI 0007	Energy, Environment, and Climate
ESCI 0010	Introduction to Earth Science
ESCI 0010 & 0010L	Introduction to Earth Science and Introduction to Earth Science Laboratory *
ESCI 0015	Introduction to Oceanography
ESCI 0050	Geology of National Parks and Monuments
ESS 0007	Energy, Environment, and Climate
ESS 0008	California Water *
GEOG 0001	Physical Geography
GEOG 0001 & 0001L	Physical Geography and Physical Geography Laboratory *
GEOG 0004	Weather and Climate
MECH 0001	The Science of Electronics
PHYS 0010	Basic Concepts in Physics
PHYS 0010 & 0010L	Basic Concepts in Physics and Basic Concepts in Physics Laboratory *
PHYS 0105	General Physics I
PHYS 0105 & 0105L	General Physics I and General Physics I Laboratory *
PHYS 0110	General Physics II
PHYS 0110 & 0110L	General Physics II and General Physics II Laboratory *
PHYS 0140	Survey of Chemistry and Physics *
PHYS 0205	Principles of Physics: Mechanics
PHYS 0205 & 0205L	Principles of Physics: Mechanics and Principles of Physics Laboratory: Mechanics *

PHYS 0210	Principles of Physics: Electricity and Magnetism
PHYS 0210 & 0210L	Principles of Physics: Electricity and Magnetism and Principles of Physics Laboratory: Electricity and Magnetism*
PHYS 0215	Principles of Physics: Heat, Waves and Modern Physics
PHYS 0215 & 0215L	Principles of Physics: Heat, Waves and Modern Physics and Principles of Physics Laboratory: Heat, Waves and Modern Physics*

**B2. Life Science (3 semester units)**

AGRI 0156	Introduction to Plant Science*
AGRI 0200	Introduction to Animal Science*
ANTH 0001	Biological Anthropology
ANTH 0001 & 0001L	Biological Anthropology and Biological Anthropology Laboratory*
ANTH 0010	Introduction to Forensic Anthropology
BIOL 0001	General Biology*
BIOL 0002	Botany*
BIOL 0003	General Zoology*
BIOL 0004	Microbiology*
BIOL 0005	Human Anatomy*
BIOL 0006	Human Physiology*
BIOL 0007A & BIOL 0007B	Human Anatomy I and Human Anatomy II*, <sup>1</sup>
BIOL 0008A & BIOL 0008B	Microbiology I and Microbiology II*, <sup>1</sup>
BIOL 0010	Introduction to Biology
BIOL 0011	Concepts of Biology*
BIOL 0014	Natural History, Ecology and Conservation*
BIOL 0015	Marine Biology*
BIOL 0021	Introduction to Plant Science*
BIOL 0030	Introduction to Ornithology
BIOL 0033	Introduction to Zoology*
BIOL 0035	Introduction to Entomology
BIOL 0036	Introduction to Mammalogy
BIOL 0055	General Human Anatomy and Physiology*
BIOL 0056	Biology: A Human Perspective
BIOL 0056 & 0056L	Biology: A Human Perspective and Biology: A Human Perspective Laboratory*
ESS 0008	California Water*
ESS 0014	Natural History, Ecology and Conservation*
PSYC 0140	Introduction to Biopsychology
PSYC 0140 & 0140L	Introduction to Biopsychology and Biopsychology Laboratory*

**B3. Laboratory Activity**

One of the courses selected from area B1 or B2 must include a related laboratory. Laboratory courses and related lecture/laboratory combinations are indicated by an asterisk.

**B4. Mathematics/Quantitative Reasoning (3 semester units)**

MATH 0010	Problem Solving
MATH 0012	College Algebra
MATH 0013	Elementary Statistics
MATH 0015	Discrete Mathematics
MATH 0016A	Calculus for Social and Life Sciences
MATH 0016B	Calculus for Social and Life Sciences
MATH 0017	Concepts of Mathematics
MATH 0018	The Nature of Mathematics
MATH 0019	Mathematical Concepts for Elementary School Teachers
MATH 0024	Modern Business Mathematics
MATH 0027	Trigonometry
MATH 0029	Pre-Calculus Mathematics
MATH 0030	Analytical Geometry and Calculus I
MATH 0031	Analytical Geometry and Calculus II
MATH 0032	Analytical Geometry and Calculus III
MATH 0033	Differential Equations and Linear Algebra
MATH 0042	Business Calculus
PSYC 0142	Introduction to Psychological Statistics
SOC 0015	Introduction to Statistics in Sociology

<sup>1</sup> Students must complete the series for CSU General Education Certification.

**C. Arts and Humanities**

Minimum of 9 semester units with at least one course each in subareas C1 and C2.

Code	Title	Units
<b>C1. Arts</b>		
AAD 0060	Graphic Design: Principles and Process	
ARHI 0101	Art Appreciation	
ARHI 0110	Survey of Western Art I: Prehistory through the Middle Ages	
ARHI 0120	Survey of Western Art II: Renaissance Traditions	
ARHI 0130	Survey of Western Art III: Modern through Contemporary	
ARHI 0132	History of Women in Art	
ARHI 0134	History and Aesthetics of Photography	
ARHI 0140	History of the Arts of Africa, the Americas, and Oceania	
ARHI 0150	History of Asian Art	
ARHI 0155	History of Islamic Art	
ART 0002	Two-Dimensional Design Foundations	
ART 0004A	Drawing I	
ART 0004B	Drawing II	
ART 0005A	Figure Drawing I	
ART 0006C	Color Theory	

ART 0007A	Oil Painting I	ENGL 0020	Creative Writing (Poetry)
ART 0008A	Watercolor Painting I	ENGL 0021	Creative Writing (Fiction)
ART 0009A	Acrylic Painting I	ENGL 0024	Introduction to Literary Criticism and Critical Concepts
ART 0012A	Sculpture I	ENGL 0027	Literature by Women
ART 0017	Ceramic Sculpture/Handbuilding	ENGL 0029	Introduction to Drama as Literature
ART 0019	Figure Sculpture	ENGL 0030A	American Literature - Beginnings through Civil War
ART 0034	Collage and Assemblage	ENGL 0030B	American Literature - Civil War to the Present
ART 0040A	Printmaking I	ENGL 0032	Introduction to Poetry
COMM 0006	Performance of Diverse Literatures	ENGL 0033	Introduction to Shakespeare (The Drama)
ENGL 0037	American Film Masterpieces	ENGL 0034	Introduction to the Novel
ENGL 0038	International Film Masterpieces	ENGL 0035	Introduction to the Short Story
ENGL 0040	The Filmed Novel	ENGL 0037	American Film Masterpieces
ENGL 0042	The Documentary Film	ENGL 0038	International Film Masterpieces
FASH 0012	Fashion History	ENGL 0040	The Filmed Novel
HUM 0001	Introduction to Humanities I	ENGL 0044	Children's Literature
HUM 0002	Introduction to Humanities II	ENGL 0045	Young Adult Literature
HUM 0003	Introduction to Asian Humanities	ENGL 0046A	English Literature
MUS 0002	Music Appreciation	ENGL 0046B	English Literature
MUS 0006A	Music Theory I	ENGL 0047A	World Literature
MUS 0009A	Music Theory III	ENGL 0047B	World Literature
MUS 0010	Music Fundamentals	ENGL 0048	Literature of Science Fiction
MUS 0011	Introduction and History of Jazz	FREN 0001	Elementary French - Level I
MUS 0012A	Survey of Music History and Literature to 1750	FREN 0002	Elementary French - Level II
MUS 0012B	Survey of Music History and Literature from 1750 to Present	FREN 0003	Intermediate French - Level I
MUS 0013	Introduction to Music: History of Rock and Roll	FREN 0004	Intermediate French - Level II
MUS 0046	Jazz Ensemble	GER 0001	Elementary German - Level I
MUS 0047	Vocal Jazz Ensemble	GER 0002	Elementary German - Level II
MUS 0048	Concert Choir	HDEV 0044	Children's Literature
MUS 0050	Wind Ensemble	HIST 0004A	Western Civilization to 1715
MUS 0054	Symphonic Band	HIST 0004B	Western Civilization since 1715
PHOT 0010	History and Aesthetics of Photography	HIST 0017A	History of the United States to 1877
PHOT 0060A	Elementary Photography	HIST 0017B	History of the United States since 1865
PHOT 0065	Documentary Photography	HIST 0018A	The African American Experience in American History to 1877
SSCI 0050	Ethnic Images in Film	HIST 0018B	The African American Experience in American History since 1877
THEA 0010A	Acting I	HIST 0019A	History of Traditional East Asia
THEA 0013	Introduction to Theatre	HIST 0019B	History of Modern East Asia
THEA 0016A	Costume History	HIST 0020	California History
<b>C2. Humanities</b>		HIST 0021	Contemporary United States History
AAD 0012	Visual Communication	HIST 0022	American Military History
COMM 0012	Visual Communication	HIST 0023	Chicano/Mexican American History
DFST 0001	American Sign Language I	HIST 0024	Russian History - 10th Century to Present
DFST 0002	American Sign Language II	HIST 0025	Native American History
DFST 0003	American Sign Language III	HIST 0027	Women in American History
DFST 0004	American Sign Language IV	HIST 0050	World History to 1500
DFST 0010	Introduction to Deaf Studies	HIST 0051	World History since 1500
ENGL 0001B	Critical Thinking and Writing about Literature	HUM 0001	Introduction to Humanities I
ENGL 0016	Introduction to LGBTIQ Literature		
ENGL 0018	Creative Writing (Non-Fiction)		
ENGL 0019	Introduction to Creative Writing		



POLS 0001	American Government
POLS 0002	Comparative Government
POLS 0003	International Relations
POLS 0004	Russian and East European Political Systems
POLS 0005	California Politics and Government
POLS 0007	Politics of the Developing World
POLS 0008	American Foreign Policy
POLS 0009	Politics of the Middle East
POLS 0012	Terrorism
POLS 0016	Introduction to Political Theory
POLS 0017	Introduction to Political Science Research Methods
POLS 0027	Women and Politics in a Global Society
PSYC 0100	General Principles of Psychology
PSYC 0103	Social Psychology
PSYC 0104	Developmental Psychology
PSYC 0105	Research Methods in Psychology
PSYC 0106	Psychology of Adjustment
PSYC 0107	Abnormal Psychology
PSYC 0108	Psychology of Death and Dying
PSYC 0110	Psychology of Intimate Relationships and Family
PSYC 0127	Psychology of Women
PSYC 0130	Human Sexuality
PSYC 0150	Alcohol, Drugs and Society
PSYC 0160	Psychology and Film
PSYC 0170	Environmental Psychology
PSYC 0180	Cultural Psychology
SOC 0001	Introduction to Sociology
SOC 0002	Social Problems
SOC 0003	Race, Ethnicity and Inequality
SOC 0004	The Family
SOC 0005	Sociology of Women's Health
SOC 0009	Introduction to Crime, Deviance, and Social Control
SOC 0010	Feminism and Social Action
SOC 0011	Introduction to Hip Hop and Social Justice
SOC 0024	Introduction to Sociology of Sport
SOC 0027	Sociology of Gender
SOC 0110	Introduction to Social Justice
SSCI 0010	Introduction to Ethnic Studies
SSCI 0013	Dialogues in American Culture
SSCI 0016	Introduction to Chicana/o Studies
SSCI 0020	African American Culture and Experience
SSCI 0035	Immigrants and Refugees in America: The European Experience
SSCI 0041	Introduction to Native American Studies
SSCI 0045	Native American Cultures and the Impact of Federal Policy
SSCI 0050	Ethnic Images in Film

WMST 0001	Introduction to Women's Studies
WMST 0002	Introduction to LGBT Studies/Queer Theory
WMST 0003	Introduction to Women, Gender and Religion
WMST 0004	Feminism and Social Action

## E. Lifelong Learning and Self-Development

Minimum of 3 semester units (of which only one semester unit may be physical activity).

Code	Title	Units
BIOL 0006	Human Physiology	
BIOL 0055	General Human Anatomy and Physiology	
ESS 0006	The Sierra Nevada	
ESS 0010	Conservation of Natural Resources	
HDEV 0001	Human Development Through the Lifespan	
HDEV 0009	Child Growth and Development	
HDEV 0021	Psychology of Intimate Relationships and Family	
HDEV 0022	The Family	
HDEV 0061	Nutrition throughout the Life Cycle	
HED 0002	Health Education	
HED 0010	Health and Aging	
KIN 0080	ACE Personal Trainer Preparation	
KIN 0083	Physiology of Fitness	
KIN 0084	Care and Prevention of Athletic Injuries	
NUTF 0010	Principles of Nutrition	
NUTF 0013	Nutrition Throughout the Life Cycle	
PDEV 0001	College and Life Success	
PDEV 0006	Career Planning	
PDEV 0070	Stress and Well Being	
PSYC 0100	General Principles of Psychology	
PSYC 0104	Developmental Psychology	
PSYC 0106	Psychology of Adjustment	
PSYC 0108	Psychology of Death and Dying	
PSYC 0110	Psychology of Intimate Relationships and Family	
PSYC 0127	Psychology of Women	
PSYC 0130	Human Sexuality	
PSYC 0150	Alcohol, Drugs and Society	
RISE 0001	First Year Seminar	
SOC 0004	The Family	
SOC 0005	Sociology of Women's Health	
<b>Physical Activity (1 semester unit maximum)</b>		
KIN 0003A	Cardio Fitness - Level I	
KIN 0003B	Cardio Fitness - Level II	
KIN 0004	Cross Training	
KIN 0005A	Weight Training	

KIN 0005B	Strength Training - Circuit and Power Lifting
KIN 0006	Physical Fitness
KIN 0007	Aerobic Fitness
KIN 0009	Cardio Kickboxing
KIN 0010	Fitness and Weight Management Boot Camp
KIN 0011	Instructional Methods for Group Fitness
KIN 0018	Peaceful Self Defense
KIN 0019	Combative Self Defense
KIN 0020	Multi Self Defense System
KIN 0023	Tai Chi
KIN 0024	Self-Defense for Personal Safety
KIN 0026	Badminton
KIN 0027	Recreational Basketball
KIN 0029	Flag Football
KIN 0030	Golf
KIN 0031A	Soccer Level I
KIN 0031B	Soccer Level II
KIN 0032	Tennis
KIN 0033	Volleyball
KIN 0034	Beach Volleyball
KIN 0035A	Futsal - Level I
KIN 0035B	Futsal - Level II
KIN 0040	Aquacise
KIN 0041	Fundamental Swimming
KIN 0042	Swimming Conditioning
KIN 0050A	Ballet I
KIN 0050B	Ballet II
KIN 0051	Jazz Dance
KIN 0053	Modern Ballroom Dance
KIN 0054	Modern Dance
KIN 0055	Line Dance
KIN 0062	Fundamentals of Yoga
KIN 0069	Mat Pilates
KIN 0071	Adapted Aquatics
KIN 0072	Adapted Aerobic Fitness
KIN 0073	Adapted Individualized Exercises
KIN 0075	Adapted Walk/Jog
KIN 0096	Sports Activities
KIN 0097	Fire Academy Physical Training
RECM 0070	Backpacking
RECM 0071	Rock Climbing

**MINIMUM LOWER-DIVISION GENERAL EDUCATION UNITS** 39

**Additional upper-division general education units completed at the California State University campus** 9

**Minimum general education units to 48** obtain Bachelor's degree

## CSU Graduation Requirement in United States History, Constitution and American Ideals

Minimum of 2 courses<sup>1</sup> chosen from one of the following course combinations. (This CSU graduation requirement may be met before or after transfer to a CSU campus and is not required for CSU GE certification.)

Code	Title	Units
A.	HIST 0017A and HIST 0017B	
B.	HIST 0017A and HIST 0020	
C.	HIST 0017A and POLS 0001	
D.	HIST 0017A and POLS 0005	
E.	HIST 0017A and POLS 0018	
F.	HIST 0017B and HIST 0027	
G.	HIST 0017B and POLS 0001	
H.	HIST 0018A and POLS 0001	
I.	HIST 0018B and POLS 0001	
J.	HIST 0020 and HIST 0027	
K.	HIST 0023 and POLS 0001	
L.	HIST 0025 and POLS 0001	
M.	HIST 0027 and POLS 0001	
N.	HIST 0027 and POLS 0005	
O.	HIST 0027 and POLS 0018	

<sup>1</sup> Course(s) may be applied to approved CSU General Education Breadth area(s) and this CSU graduation requirement.

### Notes

- To qualify as an upper-division transfer, a student must:
  - complete 60 or more CSU transferable semester units with a grade point average of at least 2.0 (2.4 if a nonresident) in all transferable college units attempted; and
  - complete at least 30 of those units from general education courses in areas A through D, including courses in each of the following areas with grades of "C-" or better: A1, A2, A3, and B4.
- While a course may be listed in multiple areas, it may only be applied to one area. (The CSU graduation requirement in U.S. History, Constitution and American Ideals is not part of CSU GE Breadth; therefore, courses may be applied to both of these requirements.)
- Students with Advanced Placement (AP), College-Level Examination Program (CLEP), and/or International Baccalaureate (IB) examinations should check with a counselor to verify application of the examinations to the appropriate general education areas.
- International coursework from non-United States regionally accredited institutions cannot be applied to CSU GE Breadth requirements.
- Courses on this CSU General Education Breadth list are approved annually for the academic year, which begins with the Fall 2019 semester and remains valid through Summer 2020. If a course is taken before it is approved or after it is removed, it cannot be used to satisfy CSU GE Breadth. See a counselor or check assist.org (<http://www.assist.org>) for up-to-date as well as historical course approval information.

6. Students pursuing majors with extensive lower-division unit requirements, such as Engineering, are advised to focus on completing the pre-major requirements while meeting minimum admission requirements. Consult with a counselor to determine the most appropriate transfer path.
7. A maximum of 70 semester units may be transferred to a CSU campus. Coursework completed above the 70 units may be used to meet CSU general education, major, and/or graduation requirements even if the units will not count toward the baccalaureate degree.
8. CSU Sacramento requires a 2.0 GPA in general education courses (except as noted in #1 above), and a foreign language for graduation.
9. The CSU Sacramento English 20 graduation requirement can be satisfied by completing Sierra's ENGL 0001B or ENGL 0001C. Either of these courses may "double count" to meet both the English 20 graduation requirement and the CSU General Education Breadth requirement for area A3. Consult with a counselor and/or see the CSUS catalog for graduation requirements.