
MISSION COLLEGE

CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION

CERTIFICATION AND CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

The CSU General Education Breadth (CSU GE-B) is a 40-unit general education program that allows California Community College students to fulfill lower-division GE requirements for the CSU. At least **60 TRANSFERABLE UNITS** of Major and General Education courses are required for transfer. Transfer students should: (1) meet with a counselor to create an EDUCATIONAL PLAN that will assist in identifying appropriate major and GE requirements; (2) request an [CSU GE-B CERTIFICATION](#) (when final transcripts are requested) to be sent to the transfer institution; and (3) with a counselor's assistance, determine eligibility for an Associate's Degree and/or an Associate's Degree for Transfer. FULL CERTIFICATION (completion of all areas), PARTIAL CERTIFICATION, and CSU GE-B FOR STEM CERTIFICATION (for [BIO AS-T only](#)) are available. **Completion of this pattern may also satisfy requirements for a Certificate of Achievement.** *All courses are three (3) units unless otherwise noted.*

AREA A – ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (9 SEMESTER UNITS /12-15 QUARTER UNITS)

Complete one course from each section (3 courses total). All courses from Area A must be complete with a C (or P) or better.

A1. Oral Communication:

COM 001, 001H Public Speaking

COM 020, 020H Argumentation and Debate

COM 015 Fundamentals of Oral Communication

A2. Written Communication: ENG 001A English Composition I (3) or ENG 001AX English Composition with Additional Support (5)

A3. Critical Thinking

COM 020, 020H Argumentation and Debate

PHI 003 Introduction to Problems in Ethics*

ENG 001B English Composition II*

POL 020 Controversial Legal Issues

ENG 001C Clear Thinking in Writing*

REA 054 Critical College Reading & Thinking

PHI 002 Introduction to Logic

*(*also fulfills some CSU's 2nd composition graduation requirement)*

AREA B – SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (9 SEMESTER/12-15 QUARTER UNITS)

Complete at least one course from the Biological Science area, the Physical Science area and the Mathematics area.

B1. Physical Sciences

AST 001 Astronomy

CHM 030A Fundamentals of Chemistry (4)

AST 003, 003H Astronomy with Lab (4 ea)

CHM 060 Survey of General, Organic, and Biological Chemistry (4)

AST 004 Astrobiology

GEO 001 Introduction to Physical Geography

CHM 001A, 001AH, 001B, 001BH General Chemistry (5 ea)

PHY 002A,B General Physics (5 ea)

CHM 002 Introductory Chemistry (4)

PHY 004A,B,C Engineering Physics (5,4,4)

CHM 002 Introductory Chemistry

PHY 004D Atomic Physics (2)

CHM 002L, Introductory Chemistry Lab (1)

PHY 010 Introduction to Physics (4)

CHM 012A, 012AH, 012B, 012BH Organic Chemistry I (5 ea)

B2. Biological Sciences

ANT 001 Biological Anthropology

BIO 016 Marine Biology (4)

ANT 001L Biological Anthropology Lab (1)

BIO 017, 017H Genetics and Society

BIO 001A, 001AH General Biology: Cells (5 ea)

BIO 018, 018H The Biology of Cancer

BIO 001B General Biology: Organisms (5)

BIO 019 Oceans: Life in the Sea

BIO 004 Microbiology (5)

BIO 022 Anatomy & Physiology for Allied Health Workers (4)

BIO 010 Introduction to Biology (4)

BIO 025, 025H Environmental Biology

BIO 010 Introduction to Biology

BIO 030 Tropical Ecology

BIO 010L Introduction to Biology Lab (1)

BIO 030L Tropical Ecology Field Studies (1)

BIO 011 Human Biology (4)

BIO 032 California Plants and Animals (4)

BIO 012, 012H Emerging Infectious Disease

BIO 047 Human Anatomy (5)

BIO 014, 014H Introductory Neuroscience

BIO 048, 048H Human Physiology (5,5)

B3. Laboratory Requirement

One of the selected science courses from above must contain a laboratory component. Lab courses are underlined.

AREA B – SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (CONTINUED)

B4. Mathematics/Quantitative Reasoning

Courses from Area B4 must be complete with a “C” (or P) better.

ACC 046 Personal Finance

MAT 000D Trigonometry

MAT 000G Math for the Liberal Arts Students (4)

MAT 001 College Algebra (4)

MAT 001X College Algebra with Additional Support (6)

MAT 002 Pre-Calculus and Trigonometry (6)

MAT 003A,003AH, 003B Analytic Geometry and Calculus (5 ea)

MAT 004A Intermediate Calculus (5)

MAT 004B Differential Equations (4)

MAT 004C Linear Algebra (4)

MAT 010, 010H Elementary Statistics (4)

MAT 010X Elementary Statistics with Additional Support (6)

MAT 012 Calculus for Business (4)

MAT 019 Discrete Mathematics (4)

SOC 016 Introduction to Statistics in Social and Behavioral Sciences

AREA C – ARTS AND HUMANITIES (9 SEMESTER/12-15 QUARTER UNITS)

Complete three (3) courses or 9 semester/12-15 quarter units with at least one course in Arts **and** one course in Humanities.

C1. Arts

ART 001A Survey of Western Art I

ART 001B Survey of Western Art

ART 001D Survey of Modern Art

ART 004 Art Appreciation

ART 007 Survey of Asian Art

ART 011 History of Modern Design

ART 031A Drawing

ART 033A Basic Design: Two-Dimensional

ART 034A Introduction to Digital Art

ART 035A Life Drawing

GDS 011 History of Modern Design

GDS 012 History of Photography

GDS 015 Photo-media and Social Change

KIN 080 Dance Appreciation

MUS 005 Fundamentals of Music

MUS 009 Jazz Music History

MUS 010 Music Appreciation

MUS 016 Survey of Rock and Popular Music

MUS 017 Music of the World

C2. Humanities

ARB 001, 002 First/Second Semester Arabic (5 ea)

CHI 001, 002 First/Semester Chinese (5 ea)

COM 012 Intercultural Communication

ENG 001B English Composition II (SP07)

ENG 005A,B English Literature

ENG 006B World Literature

ENG 007A,B American Literature

ENG 012 African American Literature

ENG 013 Chicana/o-Latina/o Literature

ENG 015 Introduction to Film Analysis

ENG 043 Classical Mythology

ENG 048 Introduction to Shakespeare

ENG 070 Creative Writing

ETH 012 African American Literature

ETH 013 Chicana/o-Latina/o Literature

ETH 016A Hispanic Roots and Culture

ETH 018, 018H African American Culture and Humanities

ETH 024 The Asian American Experience

FRN 001, 002 First/Second Semester French (5 ea)

FRN 003, 004 Third/Fourth Semester French (5 ea)

FRN 001L,002L French Laboratory (.5 ea)

HIS 004A, 004B History of Western Civilization (FA14)

HIS 004AH, 004BH History of Western Civilization (FA15)

HIS 015, 015H World History to 1500 (FA15)

HIS 016, 016H World History since 1500 (FA15)

HIS 017A, 017AH History of the United States to 1877 (FA15)

HIS 017B, 017BH History of the United States since 1877 (FA15)

HIS 033, 033H Women's Issues Past and Present (FA15)

HUM 001A,001B Human Values in and from the Arts

HUM 007 International Films

HUM 015 Introduction to Film Analysis (Also ENG 15)

HUM 016A Hispanic Roots and Culture

HUM 018, 018H African American Culture and Humanities

HUM 020 Introduction to Asian Roots and Culture

HUM 022 Introduction to Islam

HUM 024 The Asian American Experience

JPN 001,002 First/Second Semester Japanese (5,5)

LNG 001 Introduction to Language and Linguistics

PHI 001 Introduction to Philosophy

PHI 003 Introduction to Problems in Ethics

POL 007 International Films

SPA 001, 002 First/Second Semester Spanish (5 ea)

SPA 003, 004 Third/Fourth Semester Spanish (5 ea)

SPA 001L, 002L Spanish Laboratory (.5 ea)

SPA 050A,050B Basic Conversational Spanish

VIE 001, 002 First/Second Semester Vietnamese – Elementary (5 ea)

VIE 049A,049B Vietnamese Language/Culture for Fluent Speakers

C3. One additional course from either C1 or C2. (Biology AS-T majors can defer Area C3 until after transfer).

AREA D – SOCIAL SCIENCES (6 SEMESTER/9 QUARTER UNITS)

Complete two (2) courses. **Biology AS-T majors can defer 1 course until after transfer.**

ANT 002 Introduction to Archaeology	HUM 024 The Asian American Experience
ANT 003 Cultural Anthropology	KIN 081 Sport in Society
ANT 055 Magic, Witchcraft and Religion	POL 001, 001H American Government
BUS 061 Business and Society	POL 002 Comparative Government
CHD 001 Child Growth and Development	POL 004 International Relations
CHD 002 Child, Family and Community (FA11)	POL 006 Politics of Race, Class and Gender
CHD 013 Teaching in a Diverse Society (FA15)	POL 007 International Films
COU 055 Valuing Diversity	POL 020 Controversial Legal Issues
ECN 001A Principles of Macroeconomics (4)	PSY 001, 001H General Psychology
ECN 001B Principles of Microeconomics (4)	PSY 007 Biological Psychology
ECN 006 The Global Economy	PSY 010 Social Psychology
ETH 001A Introduction to Ethnic Studies	PSY 012 Human Growth and Development
ETH 016A Hispanic Roots and Culture	PSY 015 015H Introduction to Research Methods
ETH 018, 018H African American Culture & Humanities	PSY 025 Introduction to Abnormal Psychology
ETH 024 The Asian American Experience	PSY 030 Psychology of Addiction and Substance Abuse
ETH 044, 044H African American History	PSY 045 Human Sexuality (Also SOC 045)
HIS 004A, 004AH, 004B, 004BH History of Western Civilization	SJS 001 Social Justice
HIS 015, 015H World History to 1500	SJS 002 Introduction to Gender Studies
HIS 016, 016H World History since 1500	SJS 003 Introduction to LGBTQ Studies
HIS 017A, 017AH, 017B, 017BH United States History	SOC 001, 001H Introduction to Sociology
HIS 020 History and Geography of California	SOC 002, 002H Social Problems
HIS 031 History of East Asia	SOC 021 Sociology of Minorities in the U.S.
HIS 033, 33H Women's Issues Past and Present	SOC 040 Marriage and Family
HIS 044, 044H African American History	SOC 045 Human Sexuality (Also PSY 045)
HUM 007 International Films	SOC 047 Sociology of Criminology
HUM 016A Hispanic Roots and Cultures	SOC 050 Introduction to Criminal Law
HUM 018, 018H African American Culture & Humanities (FA14)	SOC 060 Community and Justice System (FA15)

AREA E – LIFELONG LEARNING AND SELF-DEVELOPMENT (3 SEMESTER/4-5 QUARTER UNITS)

Choose a course or courses from the following to total at least three (3) semester units.

BIO 025 Environmental Biology	HOC 006 Personal Health and Lifestyle
CHD 002 Child, Family, and Community (FA11)	HOC 008 Community Health Problems
CHD 013 Teaching in a Diverse Society (FA15)	KIN 068 Sport Psychology
CHD 017 Child Health and Safety (FA15)	KIN 069 Stress Management through Fitness and Lifestyle
COM 004 Small Group Communication	KIN 078 Introduction to Kinesiology
COM 008 Interpersonal Communication	KIN 079 Lifetime Fitness
COM 012 Introduction to Intercultural Communication	NTR 006 Personal Health and Wellness
COU 005 Strategies for Success	NTR 015, 015H Human Nutrition
COU 012 Careers and Lifestyles	PSY 012 Human Growth and Development
COU 017 Transfer Success and Life Transitions	PSY 045 Human Sexuality
COU 055 Valuing Diversity (FA15)	SOC 045 Human Sexuality
	Verified DD214

PHYSICAL EDUCATION:

1. One (1) unit of KIN activity courses can be applied toward Area E. See www.assist.org for complete listing of approved courses.
2. Two (2) units of KIN activity courses satisfy a graduation requirement for some majors at [SJSU](http://www.sjsu.edu) and [CSUEB](http://www.csueb.edu).

AREA F – ETHNIC STUDIES (3 SEMESTER/4 QUARTER UNITS) ***FOR STUDENTS WHO BEGIN FALL 2021 OR LATER***

ENG/ETH 013 Chicana/o-Latina/o Literature	HIS/ETH 044, 044H African American History
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CSU GRADUATION REQUIREMENT – American History & Institutions (US1/US2/US3)

It is strongly recommended that students complete the following courses prior to transfer (courses in Areas C or D can be used to meet this requirement):

POL 001, 001H American Government	AND ONE:	HIS 017A, 017AH, HIS 017B, 01BH United States History
		HIS 044, 044H, ETH 044, 044H African American History

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*Courses may be taken to satisfy only one Area Requirement * Visit www.assist.org for specific limitations*

Requirements are subject to change after catalog publication.

MISSION COLLEGE
CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION-BREADTH
2023-2024 CERTIFICATION AND CERTIFICATE OF ACHIEVEMENT ADVISING GUIDE

MISSION COLLEGE CSU GE-B REQUIREMENTS	STATUS
AREA A ♦ ORAL & WRITTEN COMMUNICATION ♦ 3 courses, 9 semester/12-15 quarter units	
A1: ORAL COMMUNICATION: COM 1, 1H, 15, 20, 20H (COM 4 if completed by Fall 2003) Course(s) from other college(s)/AP Exams:	
A2: WRITTEN COMMUNICATION: ENG 1A, 1AX Course(s) from other college(s)/AP Exams:	
A3: CRITICAL THINKING: COM 20, 20H; ENG 1B*, 1C*; PHI 2, 3* (*also fulfills some CSU's 2nd comp graduation requirement); POL 20; REA 54, 53(FA12-SP13 only) Course(s) from other college(s)/AP Exams:	
AREA B ♦ NATURAL SCIENCE & MATHEMATICS ♦ 3 courses, 9 semester/12-15 quarter units (One science course must have a laboratory)	
B1: PHYSICAL SCIENCES: AST 1, 2, 3, 3H, 4; CHM 1A, 1AH, 1B, 1BH, 2, 2, 2L, 7, 12A, 12AH, 12B, 12BH, 30A, 30B, 60; EGR 3; GEO 1; PHY 2A, 2B, 4A, 4B, 4C, 4D, 10 Course(s) from other college(s)/AP Exams:	
B2: BIOLOGICAL SCIENCES: ANT 1, 1L; BIO 1A, 1AH, 1B, 4, 10, 10, 10L 11, 12, 12H, 14, 14H, 15, 16, 17, 17H, 18, 18H, 19, 22, 25, 25H, 30, 30, 30L, 32, 41, 42, 43, 43H, 47, 48, 48H Course(s) from other college(s)/AP Exams:	
B3: LABORATORY SCIENCE: Underlined courses from B1 and B2 contain a lab component. Course(s) from other college(s)/AP Exams:	
B4: MATH: ACC 46; MAT D, G, 1, 1X, 2, 3A, 3AH, 3B, 4A, 4B, 4C, 8, 9, 10, 10H, 10X, 12, 19; SOC 16 Course(s) from other college(s)/AP Exams:	
AREA C ♦ ARTS AND HUMANITIES ♦ 3 courses, 9 semester/12-15 quarter units (BIO AS-T majors can defer 1 course)	
C1: ARTS: ART 1A, 1B, 1D, 4, 7, 11, 31A, 33A, 34A, 35A; GDS 11, 12, 15; KIN 80; MUS 1, 2, 5, 5A, 9, 10, 16, 17; WHP 40 (FA07) Course(s) from other college(s)/AP Exams:	
C2: HUMANITIES: ARB 1, 2, 50A; CHI 1, 2, 50A, 50B; COM 12; ENG 1B (FA07), 5A, 5B, 6B, 7A, 7B, 12, 13, 14, 15, 18, 43, 48, 70; ETH 12, 13, 16A, 18, 18H, 24; FRN 1, 1L, 2, 2L, 3, 4, 5, 6, 50A, 50B, 51A, 51B, 62; GDS 11, 13; GLB 5; HIS 4A (FA14), 4AH, 4B (FA14), 4BH, 15, 15H, 16, 16H, 17A, 17AH, 17B, 17BH, 33, 33H (HIST 15-33H FA15); HUM 1A, 1B, 7, 13, 15, 16A, 18, 18H, 20, 22, 24; ITAL 1, 1L, 2, 50A; JPN 1, 2, 3A, 3B, 4A, 50A, 50B; LNG 1; PHI 1, 3, 5; POL 3, 7; PORTG 49A, 49B, 50A, 50B, 51A, 51B; SPA 1, 1L, 2, 2L, 3, 4, 5, 6, 49A, 49B, 50A, 50B, 51A, 51B; VIE 1, 1L, 2 2L, 49A, 49B, 50A Course(s) from other college(s)/AP Exams:	
C3: CHOOSE ADDITIONAL COURSE FROM C1 OR C2 (not required for BIO AS-T majors) Course(s) from other college(s)/AP Exams:	
AREA D ♦ SOCIAL & BEHAVIORAL SCIENCES ♦ 2 courses, 6 semester/8 quarter units (BIO AS-T majors can defer 1 course)	
ANT 2, 3, 39B, 45, 51, 55; BUS 61; CHD 1, 2 (FA11), 13 (FA15); COM 25; COU 55; ECN 1A, 1B, 6; ETH 1A, 16A, 18, 18H, 24, 44, 44H; GEO 2, 6; GLB 1, 1A, 2, 4, 5, 6; HIS 4A, 4AH, 4B, 4BH, 15, 15H, 16, 16H, 17A, 17AH, 17B, 17BH, 20, 31, 33, 33H, 44, 44H; HUM 7, 16A, 18 (FA14), 24; KIN 81; POL 1, 1H, 2, 4, 5, 6, 7, 10, 20; PSY 1, 1H, 2A, 7, 10, 12, 15, 15H, 25, 30, 33, 40, 45, 48, 55; SJS 1, 2, 3; SOC 1, 1H, 2, 2H, 21; 24, 32, 38, 39A, 39B, 40, 41, 43, 45, 46, 47, 50, 60 (FA15); SOCS 1, 1A, 2, 3, 4, 5, 6 Course(s) from other college(s)/AP Exams:	
AREA E ♦ LIFELONG LEARNING ♦ 1 course, 3 semester/4 quarter units	
ANT 45; BIO 25; CHD 2(FA11), 13(FA15), 17(FA15); CHL 10; COM 4 (FA15), 8, 12; COU 5, 12, 17, 55 (FA15); HED 2, 9; HOC 6, 8; KIN 68, 78, 79; LIB 10 (FA15), 10H (FA15); NTR 6, 15, 15H, 52; PSY 12, 45, 48, 55; SOC 45, 46; WHP 30 (FA11); NOTE: Only one (1) unit of KIN/WHP/PE activity can be applied. Course(s) from other college(s)/AP Exams/DD214:	
AREA F ♦ ETHNIC STUDIES ♦ 1 course, 3 semester/4 quarter units ♦ **FOR STUDENTS WHO BEGIN FALL 2021 OR LATER**	
ENG 13; HIS 44, 44H; ETH 13, 44, 44H Course(s) from other college(s):	
CSU GRADUATION REQUIREMENT: AH&I (US1/US2/US3) ♦ Courses taken in Area C or D can be used to meet this requirement	
POL 1, 1H + HIS 17A, 17AH, 17B, 17BH, HIS 44, 44H; ETH 44, 44H (HIS 17A&17B; HIS 17A&20; HIS 17B&20; POL 1 if done by Spring 2004) Course(s) from other college(s)/AP Exams:	