

CSU-GE BREADTH CERTIFICATION REQUIREMENTS FOR STEM - 2022-2023

ONLY USABLE FOR AS-T BIOLOGY

AREA A: English Language Communication and Critical Thinking

Select one course from each category:

A1 Oral Communication

COMM-01, 01H, 04, 05

A2 Written Communication [AP accepted]

ENGL-01A

A3 Critical Thinking

ENGL-01C, ENGL/PHIL-13, 13H, PHIL-10, 12

AREA B: Scientific Inquiry and Quantitative Reasoning

A minimum of 9 units is required with one course each from areas B1, B2, and B4. At least one of the courses must be a lab course from B3 (Lab courses are underlined under B1 and B2):

B1 Physical Science [AP, IB & CLEP accepted]

ARCH-01, ASTR-01, 01L
CHEM-02A, 02B, 04A, 04B
GEOG-01, 01L, 15
GEOL-01, 02, 03
PHSC-01, 01L, 02
PHYS-02A, 02B, 04A, 04B, 04C, 10
AGPS-05

B2 Life Science [AP, IB & CLEP accepted]

ANTH-01
BIOL-01, 02, 04A, 04B, 06, 09, 16, 18, 20, 32
AGPS-01
PSYC-15*

B3 Laboratory Activity

ANTH-01
ASTR-01L
BIOL-01, 02, 04A, 04B, 16, 18, 20, 32L
CHEM-02A, 02B, 04A, 04B
GEOG-01L
GEOL-01, 02, 03
PHSC-01L, 02L
PHYS-02A, 02B, 04A, 04B, 04C
AGPS-01
AGPS-05

B4 Mathematics/Quantitative Reasoning [AP, IB & CLEP accepted]

CPSC/MATH-07, MATH-02, 02H, 03, 04A, 04B, 04C, 06, 08, 10, 11, 15, 20A, 20B, 22, 25, 26, 27
PSYC-05

AREA C: Arts and Humanities

A minimum of 6 semester units are required with at least one course from each area:

C1 Arts (Art, Dance, Music, Theater) [AP & IB accepted]

ART-01, 02, 03, 06, 15
ARTD-07, 08, 40A, 40B
DRAM-01*, 08
ENGL-14, 15, ETHN-11
MUSG-10, 12, 13, 14, 15
PHOT-33, 36

C2 Humanities (Literature, Philosophy, and Foreign Language)

[AP, IB & CLEP accepted]
ARTD-07, ASLG-01, 02, DRAM-01*
ENGL-01B, 04A, 04B, 05, 06A, 06B, 07, 08, 10, 11, 18, 19*
ETHN-15*, 18, 19*, FREN-01, 02, 03, 04
GERN-01, 02, 03, 04
HIST-03A*, 03B*, 04A*, 04B*, 05*, 09A, 09B, 17A*, 17AH*, 17B*, 17BH*, 19*, 29*
HMNG-01, 02
HUM-01, 01H, 02, 02H, 15*, 21
JPNS-01A, 01B, 02
PHIL-01, 01H, 02*, 03, 04, 05, 15
SPAN-01, 02, 03, 04, 10, 11

AREA D: Social Sciences [AP, IB & CLEP accepted]

A minimum of 3 semester units are required from the following:

AGAB-05, AGRI-10, ANTH-02, 10, 12,
CLDV-01*, 02*, COMM-30, CRIM-01,
ECON-01, 02
ETHN-01*, 05*, 19*, 20*, 22, 23
GEOG-02, 12
HIST-03A*, 03B*, 04A*, 04B*, 05*, 07, 10, 17A*, 17AH*, 17B*, 17BH*, 19*, 20*, 22, 23, 29*
HUM-15*, NUTR-12, PHIL-02*,
POSC-01, 02, 03, 04, 07
PSYC-01A, 01AH, 15*, 22*, 23*, 25, 36
SOC-01, 02, 03, 04, 06

AREA E: Lifelong Understanding and Self-Development

A minimum of 3 units (of which only two units may be physical activity) are required from the following:

E Integrated Organism [CLEP accepted]

CLDV-01*, 02*
CLDV/PSYC-09
GUID-30
HLTH-10
NUTR-10
PSYC-22*, 23*, 40
REGN-34

Physical Activity (two unit maximum)

ATHL-01D, 01F, 01K, 01L, 02A, 02B, 02D, 02F, 02G, 02I, 02K
KINE-09, 12B, 14, 15, 16, 17, 20, 30, 32, 35, 36, 41, 42

AREA F: Ethnic Studies

A minimum of 3 units are required from the following:

F ENGL-19*, ETHN-01*, 05*, 12*, 19*, 20*, HIST-20*, SOC-05*

Check <http://www.mccd.edu/getstarted/catalog.html> for official list of approved courses.

Minimum Total CSU-GE Certification: 39 Units

Merced College Courses Designated to Meet CSU History, Constitution, and American Ideals Graduation Requirement [AP & CLEP accepted]

The American Institutions Requirement (AIR) (U.S. History, Constitution, California State and Local Government) as well as requirements for Political and Economic Institutions may be met by completion of one of the following sequences:

Sequence A:

HIST-17A or HIST-17AH (both meet US-1 and US-2) AND
HIST-17B or HIST-17BH (both meet US-1 and US-3)

Sequence B:

HIST-17A or HIST-17AH or HIST-17B or HIST-17BH or HIST-22 (US-1)

AND POSC-01 (US-2 AND US-3)

Students satisfy this CSU graduation requirement through coursework in three areas:

US-1: Historical development of American institutions and ideals

US-2: U.S. Constitution and government

US-3: California state and local government Conditions:

- This requirement may be met before or after transfer to the CSU.
- Students who want to fulfill this requirement with courses taken before Fall, 2004 should consult their college catalogs.
- If a course is approved for more than one US Area above, a student may use the course to satisfy all areas listed.
- US-1 may be completed with a score of 3 or higher on Advanced Placement US History.
- US-2 (but not US-3) may be completed with a score of 3 or higher on Advanced Placement US Government & Politics.
- At the discretion of the CSU Campus granting the degree, courses meeting this requirement may also be counted toward certification in general education (GE Breadth or IGETC).

Check with your counselor for details.

Updated FEB 2021; reference: www.assist.org and CSU EO 1100 <https://calstate.policystat.com/89191/latest/>

*Courses listed in multiple areas shall not be certified in more than one area, except CSU History Constitution, and American Ideals Graduation Requirement.