

# CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION For STEM (CSU GE) WORKSHEET

## College of San Mateo CSU GE FOR STEM 2023-2024

CSU GE for STEM is applicable only to ADT majors in Biology, Chemistry, and Environmental Science. Students pursuing these ADTs are eligible to use "CSU GE Breadth for STEM" as noted below, deferring one lower-division course in AREA C and one in AREA D until after transfer. Only BIOLOGY ADT is offered at College of San Mateo, (5/1/23)

1. Some courses are listed in more than one CSU GE area but can be applied to one area only.
2. This worksheet outlines GENERAL EDUCATION requirements. You also must complete lower division MAJOR requirements.
3. There are instances when a CSM course is approved for CSU GE but the same course at SKYLINE or CAÑADA IS NOT approved for CSU GE. Use ASSIST to confirm course articulation for the college where you take the course!
4. Use the online College of San Mateo Catalog ([catalog.collegeofsanmateo.edu](http://catalog.collegeofsanmateo.edu)) to find course descriptions.
5. If a student has completed coursework at colleges/universities outside of the San Mateo County Community College District, the student must request OFFICIAL TRANSCRIPTS from prior institutions be sent to the CSM Admissions Office in the first semester of enrollment to determine how prior coursework can be applied to CSU GE. When the evaluation is complete, the information will show up in WebSMART under Degree Works.

### AREA A: COMMUNICATION SKILLS & CRITICAL THINKING

9 units

One course from A1, A2 and A3 below. A grade of C- or higher is required in each course.

- A1. Oral Communication** COMM 110 115 130 140 150 AP CANNOT meet this requirement
- A2. Written Communication** ENGL 100 105 110 or AP Score of 3, 4 or 5 in ENGL/LANG or ENGL/LIT
- A3. Critical Thinking-English Composition** ENGL 100 110 165 PHIL 103 200 AP CANNOT meet this requirement

### AREA B: NATURAL SCIENCE & MATHEMATICS

9 - 10 units

One course from B1, one from B2 and one of those two courses must incorporate a laboratory, B3 .

One course from B4 with a grade of C- or higher.

#### B1. Physical Science

ASTR 100 101\* 103\* 115 125 210# CHEM 192# 210# 220# 231# 232# 410# 420# GEOG 100 GEOL 100 101\*  
OCEN 100 PALN 110 111\* PHYS 100 210# 220# 250# 260# 270# or AP Score 3, 4 or 5 in CHEM or ENV SCI or PHYSICS

#### B2. Life Science

ANTH 125 127\* BIOL 100 102 110# 130 132\* 145 184 195\* 210# 220# 230# 240# 250# 260# OCEN 100 PALN 110 111\*  
PSYC 105 220 or AP Score of 3, 4 or 5 in BIOL

**B3. Science Laboratory** Courses listed in B1 or B2 with a “\*” indicates a “lab only” course. “Lab only” courses must be accompanied by a lecture course in the same area. Courses listed in B1 and B2 with a “#” indicates the course includes lecture and lab requirements

#### B4. Math Concepts

BUS. 123 CIS 262 278 MATH 125 130 145 200 222 225 241 242 251 252 253 268 270 275 280 PSYC 121  
or AP Score of 3, 4 or 5 in CALC AB or CALC BC or AP STATS or COMP SCI

### AREA C: ARTS & HUMANITIES

6 units

2 courses. One from C1 Arts, one from C2 Humanities

#### C1. Arts

ARCH 100 ART 101 102 103 104 105 124 207 347 351 DANC 100 DGME 215 ETHN 288 585 FILM 100 120 121 122  
123 130 135 140 145 200 215 MUS. 100 131 202 210 250 275 280 or AP Score of 3, 4 or 5 in ART HIST

#### C2. Humanities

ANTH 180 ASL 100 110 CHIN 111 112 121 122 131 132 COMM 170 171 ENGL 110 161 162 163 ETHN 104 105 106  
ETHN 107 265 FILM 153 HIST 100 101 104 106 201 202 260 261 262 310 LIT 101 105 113 115 150 151 154 155 156 201  
LIT. 202 220 221 231 232 266 430 PHIL 100 160 175 244 300 SPAN 110 112 120 122 131 132 140  
or AP Score of 3, 4 or 5 in ART HIST or ENGL/LIT or HIST or FOREIGN LANGUAGE

**AREA D: SOCIAL & BEHAVIORAL SCIENCES****3 units**

1 course from the following :

ADMJ 100 ANTH 110 180 350 BUS 125 COMM 130 DGME 100 102 ECON 100 102 ETHN 101 103 104 105 106 107 108  
ETHN 109 300 GEOG 110 150 GBST 101 102 HIST 100 101 104 106 201 202 260 261 262 310 KINE 103 107 PLSC 100  
PLSC 110 130 150 200 210 215 310 PSYC 100 105 106 110 120 200 201 220 225 230 300 301 320 330 410  
SOCI 100 105 110 121 141 160 or AP Score of 3, 4 or 5 in ECON, GOV, HIST or GEOG or PSYC

**AREA E: LIFELONG UNDERSTANDING & SELF DEVELOPMENT****3 units**

3 units selected from E1 or 2 units from E1 and 1 unit from E2.

**E1.** BIOL 310 BUS 101 COUN 111 120 121 128 240 CRER 126 HSCI 100 IDST 110 KINE 101 107 119 200 300 LCTR 240  
PSYC 100 106 110 200 201 300 301 310 320 330 SOCI 110  
**E2.** ADAPT 100 110 140 155 AQUA 109.1-109.4 127.1-127.4 133.1-133.4 135.1-135.4 DANC 116.1-116.4 117.1-117.4  
DANC 121.1-121.4 128.1-128.4 130.1-130.4 140.1-140.4 151.1-151.4 167.1-167.4 390 FITN 112.1-112.4 116.1-116.4  
FITN 134 201.1-201.4 220 225 226 235.1-235.4 301.1-301.4 332.1-332.4 334.1-334.4 335.1-335.4 336.1-336.4 339 194  
INDV 121.1-121.4 251.1-251.4 TEAM 105 111.1-111.4 116 118 119 148.1-148.4 135 150 158 165 171.1-171.4 180 182 186  
VARS 100 105 110 130 133 134 160 172 185 300 320 340 342 400

**AREA F: ETHNIC STUDIES****3 units**Select one course from the following options - ETHN 101 103 104 105 106 107 108 109 265 288 585**AREAS A- F TOTAL UNITS FOR CSU GE FOR STEM = 33-34 SEMESTER UNITS****AH&I: CSU GRADUATION REQUIREMENT – (NOT required to certify CSUGE or IGETC)****American Institutions, US History, US Constitution, & American Ideals:**

Complete courses to cover US-1 ( US History), US-2 (US Constitution), and US-3 (California State and Local Government). Some courses cover two areas. Those courses with # meet US-1 AND US-2. The course with \* meet US-2 AND US-3.

US-1 – HIST 201# HIST 202# HIST 260# HIST 261 HIST 262# ETHN 103# ETHN 105 ETHN 107 PLSC 210#

US-2 – ETHN 103# HIST 201# HIST 202# HIST 260# HIST 262# PLSC 200\* PLSC 210# PLSC 215

US-3 – ETHN 101 HIST 310 PLSC 200\* PLSC 310

Courses used to satisfy this AH&amp;I may also be applied to CSU GE requirements in Area C2 or D or F if applicable.

Note: Course approvals for this requirement may vary between SMCCCD Colleges. If you are planning to register for a course to complete this area at another campus, please consult their CSU GE pattern and meet with a counselor.

**VERY IMPORTANT –**

1. To be eligible to meet an AREA requirement, the course must be CSU GE approved at the time it was completed.
2. **As a final step to the transfer process, students must request an CSU GE CERTIFICATION to be sent with the FINAL TRANSCRIPT to the transfer destination! This is how the transfer destination identifies the student has completed lower division general education requirements.**

**In addition to CSU GE find COURSES REQUIRED FOR YOUR MAJOR**

- Students must have a MAJOR to transfer to a university.
- Use CSM Counseling Services to create a STUDENT EDUCATIONAL PLAN that lists courses needed to meet transfer requirements.
- Use the College of San Mateo Catalog and [www.assist.org](http://www.assist.org) for lower division major requirements.
- For transfer to a private/independent or out of state college/university review the institution's catalog for major information.