

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM IGETC for STEM WORKSHEET 2023-2024 (AREAS 1 – 7)

For College of San Mateo (5/1/23)

IGETC for STEM is applicable only to ADT majors in Biology, Chemistry, and Environmental Science
(Only the BIOLOGY ADT is offered at College of San Mateo)

- Some courses are listed in more than one IGETC AREA but can be applied to one area only.
- A grade of C or higher is required for each course to meet IGETC requirements.
- To be eligible to apply to UCs and CSUs complete ALL IGETC AREAS.
- If using IGETC for Associate Degree for Transfer GE you must complete AREA 1C.
- This worksheet outlines GENERAL EDUCATION requirements. ASSIST.org and the CSM Catalog identify courses required for the MAJOR.
- There are instances when a CSM course is approved for IGETC but the same course at SKYLINE or CAÑADA IS NOT approved for IGETC. Use ASSIST to confirm course articulation!
- Use the online College of San Mateo Catalog (www.catalog.collegeofsanmateo.edu/current/) to find the descriptions for the courses listed below.
- 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 IGETC. When the evaluation is complete, the information will show up in WebSMART under Degree Works.

AREA 1 ENGLISH COMMUNICATION - 6 - 9 units

1A English Composition: ENGL 100 105

or AP Score of 3, 4 or 5 in ENGL/LANG or ENGL/LIT

1B Critical Thinking-English Composition: ENGL 110 165

AP CANNOT meet this area requirement

1C Oral Communication – CSU REQUIREMENT ONLY COMM 110 115 130 140 150

AP CANNOT meet this area requirement

AREA 2 MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING - 3 units

2A Quantitative Reasoning: BUS. 123 MATH 125 145 200 222 225 241 242 251 252 253 268 270 275 280 PSYC 121 CIS 262

or AP Score of 3, 4, or 5 in CALC AB or CALC BC or AP STATS or COMP SCI

AREA 3 ARTS & HUMANITIES – 6 units

Two courses, one from 3A Arts and one from 3B Humanities

3A Arts: ARCH 100 ART 101 102 103 104 105 124 347 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

or AP Score of 3, 4 or 5 in ART HIST

3B Humanities: ASL 110 CHIN 131 132 ENGL 110 ETHN 104 105 106 107 265 HIST 100 101 104 106 201 202 260 261 262 310 LIT 101
105 113 115 150 151 154 155 156 201 202 220 221 231 232 266 430 PHIL 100 160 175 244 300 SPAN 131 132 140

or AP Score of 3, 4 or 5 in ART HIST or ENGL/LIT or HIST or FOREIGN LANGUAGE

AREA 4 SOCIAL & BEHAVIORAL SCIENCES - 3 units

One course selected from -

ADMJ100 ANTH110 180 350 BUS125 COMM130 DGME 100 102 ECON 100 102 ETHN101 103 104 105 106 107 108 109 300 GEOG
110 150 GBST 101 102 HIST 100 101 104 106 201 202 260 261 262 310 KINE 103 107 PLSC100 110 130 150 200 210 215 310 PSYC100
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 5 PHYSICAL & BIOLOGICAL SCIENCES - 7 units

Two courses, one from 5A, one from 5B. One of the courses applied to 5A or 5B must include a laboratory to meet group 5C .

5A Physical Science: ASTR 100 101* 103* 115 125 210# CHEM 192# 210# 220# 231# 232# 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

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

5C: Science Laboratory Courses in 5A or 5B with a “ * “ indicates a “lab only” course. “Lab only” courses must be accompanied by the same subject lecture course. Any course in 5A or 5B with a “ # “ indicates the course includes lecture and lab requirements.

AREA 7 ETHNIC STUDIES – 3 units

Courses that meet this requirement were approved to meet the CSU GE Area F (Ethnic Studies) beginning in Fall 2021. Because CSU GE Area F was established in Fall 2021, courses approved for CSU GE Area F & IGETC Area 7 must have been completed Fall 2021 or later.

ETHN 101 103 104 105 106 107 108 109 265 288 585

IGETC/STEM FOR UC TOTAL UNITS = 28 units

IGETC/STEM FOR CSU TOTAL UNITS = 31 units

IF A STUDENT USES IGETC FOR STEM, the following IGETC AREAS must be completed AFTER transfer:

- **One remaining lower-division IGETC course in Area 3;**
- **One remaining lower-division IGETC course in Area 4 (in a different academic discipline from the first Area 4 course); and**
- **One course in Area 6 for UC-bound students who have not satisfied it through proficiency.**

Note: These deferred lower division courses must be replaced with calculus and/or science courses required by the major before transfer.

VERY IMPORTANT –

1. To be eligible to meet an AREA requirement, the course must be IGETC approved at the time it was completed.
2. **As a final step to the transfer process, students must request an IGETC 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.**

AH&I: CSU GRADUATION REQUIREMENT – (NOT required to certify IGETC or CSU GE)

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&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.

NOTES: