

# IGETC for STEM Certification Form 2022-2023

## Intersegmental General Education Transfer Curriculum IGETC Certification For Biology and Chemistry Associate in Science Degree for Transfer

Name: \_\_\_\_\_ Student ID#: \_\_\_\_\_  
(Last) (First) (Middle)

Transferring to: \_\_\_\_\_ UC \_\_\_\_\_ CSU School: \_\_\_\_\_ Date of Birth: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

	A minimum "C" grade is required in each college course for IGETC. A "C" is defined as a minimum 2.0 grade points on a 4.0 scale."	Completed
<b>AREA 1 – ENGLISH COMMUNICATION</b>		
CSU: 3 courses required, one each from Group A, B and C. UC: 2 courses required, one each from Group A and B.		
1A	<b>English Composition</b> (one course – 3 semester or 4 quarter units) <b>ENGL 100 F or 100HF, 101 F, 110 F (beg F21)</b> Course: _____ College: _____ Advanced Placement (No IB score accepted for this area): _____	
1B	<b>Critical Thinking – English Composition</b> (one course – 3 semester or 4 quarter units) <b>ENGL 103 F or 103HF, 104 F, 201 F; PHIL 172 F; READ 142 F (beg F21)</b> Course: _____ College: _____ (No AP or IB scores accepted for this area)	
1C	<b>Oral Communication (CSU requirement only)</b> (one course – 3 semester or 4 quarter units) <b>COMM 100 F, 124 F, 135 F</b> Course: _____ College: _____ (No AP or IB scores accepted for this area)	
<b>AREA 2A – MATHEMATICAL CONCEPTS &amp; QUANTITATIVE REASONING</b> (one course – 3 semester or 4 quarter units)		
<b>MATH 100 F (beg F04), 120 F• or 120HF•, 121 F•= (beg F21), 130 F+, 131 F+, 141 F- or 141HF-, 143 F- (beg F21), 151 F+ or 151HF+, 152 F or 152HF, 170 F, 171 F, 172 F (beg F07), 251 F, 252 F, 255 F, 260 F; PSY 161 F• (beg F07) or 161HF•; SOSC 120 F•</b> • If MATH 120 F or 120HF, MATH 121 F, SOSC 120 F, PSY 161 F or 161HF combined: maximum UC credit allowed = 1 course. = Maximum credit, 4 units - If MATH 141 F or MATH 141HF and MATH 143 F combined: maximum UC credit allowed = 1 course. + If MATH 130 F or MATH 131 F combined with MATH 151 F or MATH 151HF: maximum UC credit allowed = 1 course. Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____		
<b>AREA 3 – ARTS AND HUMANITIES</b> (At least 2 courses, with at least one from the Arts and one from the Humanities. 6 semester or 8 quarter units)		
3A	<b>ARTS</b> <b>ART 100 F (beg F20); ARTH 100 F, 105 F, 115 F, 120 F, 125 F, 130 F, 135 F, 140 F, 145 F, 150 F, 155 F or 155HF, 160 F, 165HF+; CRTV 126AF, 126BF, 131 F; DANC 100 F (beg F21), 120 F, 200 F, 210 F; ENGL 208 F; MUS 113 F, 116 F, 118 F, 119 F, 120 F, 165HF+; THEA 100 F, 104 F, 105 F, 165HF+</b> + Maximum UC credit one course from ARTH 165HF, MUS 165HF, THEA 165HF. Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	
3B	<b>HUMANITIES</b> <b>CDÉS 242 F; CHIN 203 F (beg F11), 204 F (beg F13); FREN 203 F, 204 F; GERM 203 F, 204 F; ITAL 203 F, 204 F; JAPN 203 F, 204 F; SPAN 201 F+++, 203 F+++, 204 F, 205 F, 206 F; ENGL 102 F or 102HF, 203 F, 204 F, 207 F, 211 F or 211HF, 212 F or 212HF, 221 F or 221HF, 222 F or 222HF, 224 F or 224HF, 225 F or 225HF, 234 F (beg F08) or 234HF, 239 F, 240 F, 243 F or 243HF, 245 F, 246 F, 248 F, 249 F, 251 F; ETHS 130 F* or 130HF*, 151 F* (beg F22), 160 F*, 171 F* (beg F21); HIST 110 F or 110HF, 111 F or 111HF, 112 F* or 112HF*, 113 F* or 113HF*, 127 F~, 151 F, 152 F, 154 F, 160 F, 161 F, 165 F or 165HF, 170 F~ or 170HF~, 171 F~ or 171HF~, 190 F, 191 F, 270 F* (beg Spr06), 275 F; PHIL 100 F or 100HF, 101 F, 105 F or 105HF, 135 F (beg F12), 160 F, 195 F, 200 F (beg F21), 210 F (beg F11), 220 F, 225 F (beg F16), 250 F (beg F11), 270 F (beg F11)</b> * Course can only be used in <b>one</b> area (AREA 1 to 5). ~ Credit will be granted for either (HIST 127 F) <b>OR</b> (HIST 170 F and HIST 171 F) <b>OR</b> (HIST 170 F and HIST 171HF) <b>OR</b> (HIST 170HF and HIST 171 F) <b>OR</b> (HIST 170HF and HIST 171HF). ++ If SPAN 201 F and SPAN 203 F combined; maximum credit, one course (per college). Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	
<b>AREA 4 – SOCIAL and BEHAVIORAL SCIENCES</b> (At least 2 courses from at least two academic disciplines. 6 semester or 8 quarter units)		
4	<b>ANTH 102 F or 102HF, 103 F or 103HF, 105 F or 105HF, 106 F, 107 F or 107HF, 209 F or 209HF, 211 F or 211HF, 215 F; ECON 101 F or 101HF, 102 F or 102HF; ETHS 101 F or 101HF, 111 F or 111HF, 129 F or 129HF, 130 F* (beg Spr 06) or 130HF*, 131 F, 150 F, 151 F*, 152 F, 153 F or 153HF, 159 F (beg F 21), 160 F* (beg F 21), 170 F, 171 F*, 202 F, 235 F or 235HF; GEOG 100 F or 100HF, 120 F, 130 F, 160 F, 262 F; HIST 112 F* (beg Spr 06) or 112HF* (beg Spr 06), 113 F* (beg Spr 06) or 113HF* (beg Spr 06), 120 F, 121 F, 270 F*, 273 F; POSC 100 F or 100HF, 110 F or 110HF, 120 F, 200 F, 215 F, 216 F, 230 F, 250 F; PSY 101 F or 101HF, 131 F, 139 F, 145 F, 202 F or 202HF, 221 F, 222 F, 225 F, 251 F or 251HF; SOC 101 F or 101HF, 102 F, 201 F (beg F 09), 230 F or 230HF, 250 F, 275 F or 275HF, 277 F or 277HF, 280 F (beg F 21), 285 F or 285HF (beg F 21), 290 F or 290HF (beg F 21), 292 F or 292HF (beg F 21); SOSC 125 F, 130 F; WMNS 100 F or 100HF</b> * Course can only be used in <b>one</b> area (AREA 1 to 5). Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	
<b>AREA 5 – PHYSICAL and BIOLOGICAL SCIENCES</b> (At least 2 courses, with one from the Physical Science and one from the Biological Science, at least one of the two courses must include a Laboratory. 7 semester units or 9 quarter units)		
5A	<b>PHYSICAL SCIENCE</b> <b>CHEM 100 F+, 101 F+, 103 F+, 107 F+, 111AF, 111BF; ESC 100 F, 101 F~, 103 E, 105 F, 107 F, 107 E (beg F19), 110 F, 116 F or 116HF, 120 F, 130 F or 130HF, 190 F; GEOG 102 F or 102HF; PHYS 120 F, 130 F+, 205 F+, 206 F+, 210 F+, 211 F+, 221 F+, 222 F+, 223 F+</b> + If CHEM 100 E and 103 F combined: maximum UC credit allowed = 1 course. (No UC credit for CHEM 100 F or 103 F if taken after CHEM 111AF) + If CHEM 101 E and 102 E combined: maximum UC credit allowed = 1 course. (No UC credit for CHEM 101 F or 102 F if taken after CHEM 111AF) ~ No UC credit if taken after a college level course in Astronomy, Chemistry, Geology, or Physics. + PHYS 130 F: no UC credit if taken after PHYS 205 F, 210 F, or 221 F. + PHYS (205 F & 206 F) or (210 F & 211 F) or (221 F, 222 F, 223 F) combined: maximum credit, one series. Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	
5B	<b>BIOLOGICAL SCIENCE</b> <b>ANAT 231 F, 240 F; ANTH 101 F or 101HF; BIOL 100 F=+, 101 F=+ or 101HF=+, 102 F+, 108 F, 109 F+, 170 E, 190 F, 222 F, 272 F, 274 F; ENVS 105 F; MICR 262 E</b> = BIOL 100 F, 101 E, and 101HF combined: maximum credit = 1 course. + BIOL 100 F, 101 E, 101HF, 102 F, or 109 F: no UC credit if taken after BIOL 170 F or a 200-level Biological course. Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	
5C	<b>LABORATORY</b> <b>ANTH 101LE; BIOL 102LF, 190LF; ENVS 105LE; ESC 100LF, 101LF~, 105LF (beg F17), 116LF, 130LE; GEOG 102LF</b> ~ No UC credit if taken after a college level course in Astronomy, Chemistry, Geology, or Physics. Course: _____ College: _____ Advanced Placement/International Baccalaureate: _____	

**AREA 6 – LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)** (not required for IGETC for STEM certification)

The Foreign Language requirement for IGETC may be met in one of the following ways:

1. Satisfactory completion of two years of high school coursework in a Language Other Than English, with a grade of "C-" or better in the final semester of the second year. Two years must be in the same language.
2. Complete course 102 F (102HF) or higher level in a foreign language with a grade of "C" or better at Fullerton College or equivalent courses at another college or university. Choose one of the courses listed: CHIN 102 F, 203 F, 204 F; FREN 102 F, 203 F, 204 F; GERM 102 F, 203 F, 204 F; ITAL 102 F, 203 F, 204 F; JAPN 102 F, 203 F, 204 F; KOR 102 F, 201 F, 203 F, 204 F; PORT 102 F; SPAN 102 F or 102HF, 201 F, 203 F, 204 F, 205 F, 206 F.
3. Satisfactory completion, with "C" grades or better, of two years formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.
4. Satisfactory score of the SAT II: Subject Test in Languages Other Than English.
5. Satisfactory score, 3 or higher, on the College Board Advanced Placement Examinations in Language Other Than English.
6. Satisfactory score, 5 or higher, on the International Baccalaureate Higher Level Examinations in Language Other Than English.
7. Satisfactory completion of an achievement test administered by a community college, university, or other college in a Language Other Than English.
8. (International) General Certificate of Secondary Education [(I)GCSE]/General Certificate of Education (GCE) "O" Level exams in Languages Other Than English with a grade of "A", "B" or "C".
9. General Certificate of Education (GCE) "A" Level exams in Languages Other Than English with a grade of "A", "B" or "C".
10. A Defense Language Institute Foreign Language Center (DLIFLC) Language Other Than English course which is indicated as passed with a "C" or higher on the official transcript.

**CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION & AMERICAN IDEALS** (not part of IGETC; may be completed prior to transfer, 6 units)

Course: \_\_\_\_\_ College: \_\_\_\_\_ Advanced Placement/International Baccalaureate:  
Course: \_\_\_\_\_ College: \_\_\_\_\_ Advanced Placement/International Baccalaureate:

**\*\*The following IGETC courses must be completed after transfer: one Area 3 and one Area 4 course and Area 6A (UC only)**