

CSU GE for STEM Certification Form 2022-23

California State University General Education Breadth for STEM Certification For Biology and Chemistry Associate in Science Degree for Transfer

Name: _____ Student ID#: _____
(Last) (First) (Middle)

Transferring to: CSU _____ Date of Birth: _____ / _____ / _____

For CSU GE CERTIFICATION: AREA A1, A2, A3, and B4 must have grades of "C-" or better. * = Course can only be used in one area (From AREA A to F).		Completed
AREA A – ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING (9 semester or 12-15 quarter units). One course is required from each section.		
A1	Oral: BUS 112 F (<i>beg F 16</i>); COMM 100 F, 124 F, 135 F* Course: _____ College: _____ External Examination: _____	
A2	Written: ENGL 100 F or 100HF, 101 F, 110 F Course: _____ College: _____ External Examination: _____	
A3	Critical Thinking: COMM 135 F*; ENGL 103 F or 103HF, 104 F, 201 F; PHIL 170 F, 172 F; READ 142 F Course: _____ College: _____ External Examination: _____	
AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (9 semester or 12-15 quarter units min.). One lecture course is required from each section. One matching lab must be included for Physical Science or Life Science if lecture and lab are taken separately. NOTE: Some colleges may require two lab courses if student is not fully certified.		
B1	PHYSICAL SCIENCE: CHEM 100 F, 101 F, 103 F, 107 F, 111AF, 111BF (<i>beg F 15</i>); ESC 100 F, 101 F, 103 F, 104 F, 105 F, 107 F, 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 Course: _____ College: _____ External Examination: _____	
B2	LIFE SCIENCE: ANAT 231 F, 240 F; ANTH 101 F or 101HF; BIOL 100 F, 101 F or 101HE, 102 F, 104 F, 108 F, 109 F, 141 F, 170 F, 190 F, 222 F, 272 F, 274 F; ENVIS 105 F; HORT 152 F, 205 F, 207 F; MICR 220 F, 262 F Course: _____ College: _____ External Examination: _____	
B3	LABORATORY ACTIVITY: ANTH 101LF; BIOL 102LF, 190LF; ESC 100LF, 101LF, 105LF, 116LF, 130LF; ENVIS 105LF; GEOG 102LF <u>Underlined</u> courses from Area B.1 and B.2 also satisfy the Area B3 Laboratory requirement. Course: _____ College: _____ External Examination: _____	
B4	MATHEMATICS/QUANTITATIVE REASONING: BUS 101 F (<i>beg F 20</i>), 151 F (<i>beg F 20</i>); MATH 100 F, 120 F or 120HF, 121 F, 129 F, 130 F, 131 F, 141 F or 141HF, 142 F, 143 F, 144 F, 151 F or 151HF, 152 F or 152HF, 170 F, 171 F, 172 F, 251 F, 252 F, 255 F, 260 F; PSY 161 F or 161HF (<i>beg F 13</i>); SOSC 120 F Course: _____ College: _____ External Examination: _____	
AREA C: ARTS AND HUMANITIES (6 semester or 8 quarter units min.). One course from C1 and one course from C2. Courses in <i>Italics</i> may be used to meet the U.S. History, Constitution and American Ideals Requirement.		
C1	ART 100 F, 118 F, 120 F, 121 F, 153 F, 154 F, 160 F (<i>beg F 13</i>), 174 F, 179 F, 182 F, 184 F; 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 120 F, 121 F, 126AF, 126BF, 131 F; DANC 100 F (<i>beg F 19</i>), 120 F, 200 F, 210 F; ENGL 208 F; MUS 101 F, 106 F, 107 F, 110 F, 113 F, 116 F, 118 F, 119 F, 120 F, 165HF~; PHOT 101 F, 111 F (<i>beg F 14</i>); THEA 100 F, 104 F, 105 F, 127 F, 165HF~ ~ ARTH 165HF, MUS 165HF, THEA 165HF count as one course Course: _____ College: _____ External Examination: _____	
C2	CDES 242 F (<i>beg F 13</i>); ENGL 102 F or 102HF, 105 F, 203 F, 204 F, 207 F, 210 F (<i>beg F 12</i>), 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 or 234HF, 239 F, 240 F, 243 F or 243HF, 245 F, 246 F, 248 F, 249 F, 251 F; ETHS 130 F* (<i>beg F 02</i>) or 130HF*, 151 F*, 160 F* (<i>beg F 21</i>), 171 F* (<i>beg F 21</i>); Foreign Languages: CHIN, FREN, GERM, ITAL, JAPN, PORT, SPAN 101 F or 101HF, 102 F or 102HF, 201 F, 203 F, 204 F, 205 F, 206 F, 207 F; HIST 110 F* (<i>beg F 15</i>) or 110HF*, 111 F* (<i>beg F 15</i>) or 111HF*, 112 F* (<i>beg F 02</i>) or 112HF*, 113 F* (<i>beg F 02</i>) or 113HF*, 154 F*, 170 F* (<i>beg F 16</i>) or 170HF*, 171 F* (<i>beg F 16</i>) or 171HF*, 270 F* (<i>beg Spr 06</i>); PHIL 100 F or 100HF, 101 F, 105 F or 105HF, 135 F, 160 F, 195 F, 200 F, 201 F, 202 F, 210 F, 220 F, 225 F (<i>beg F 16</i>), 250 F, 270 F; THEA 109 F Course: _____ College: _____ External Examination: _____	
AREA D: SOCIAL SCIENCES (1 course - 3 semester or 4 quarter units min.). One course is needed. Courses in <i>Italics</i> may be used to meet the U.S. History, Constitution and American Ideals Requirement.		
D	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; BUS 100 F (<i>beg F 18</i>), 131 F (<i>beg F 18</i>), 162 F (<i>beg F 18</i>); COMM 105 F (<i>beg F 20</i>); COUN 152 F (<i>beg F 22</i>); CDES 120 F*, 201 F (<i>beg F 21</i>); ECON 101 F or 101HF, 102 F or 102HF; ETHS 101 F* or 101HF*, 111 F* or 111HF*, 129 F or 129HF, 130 F* or 130HF*, 131 F*, 150 F*, 151 F*, 152 F, 153 F* or 153HF*, 159 F, 160 F*, 170 F, 171 F*, 202 F, 235 F or 235HF; GEOG 100 F or 100HF, 120 F, 130 F, 160 F, 262 F; HIST 110 F* or 110HF*, 111 F* or 111HF*, 112 F* or 112HF*, 113 F* or 113HF*, 120 F, 121 F, 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*, 273 F, 275 F; JOUR 110 F or 110HF; PE 250 F (<i>beg F 14</i>); POSC 100 F or 100HF, 110 F or 110HF, 120 F, 150 F, 200 F, 215 F, 216 F, 220 F (<i>beg Spr 07</i>), 230 F, 250 F, 275 F; PSY 101 F or 101HF, 131 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, 230 F or 230HF, 250 F, 275 F or 275HF, 277 F or 277HF, 280 F, 285 F or 285HF, 290 F or 290HF, 292 F or 292HF; SOSC 125 F, 130 F; WMNS 100 F or 100HF Course: _____ College: _____ External Examination: _____	
AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT (3 semester or 4-5 quarter units min.).		
E	BUS 108 F; CDES 120 F*; CIS 100 F (<i>beg F 13</i>); COMM 120 F; COUN 135 F (<i>beg F 15</i>), 151 F, 160 F, 163 F; HED 140 F; MIND 101 F, 105 F; NUTR 210 F or 210HF, 220 F; PSY 120 F, 139 F; PE 243 F, 244 F, 247 F, 248 F, 266 F; WELL 230 F Only one unit from any PE activity courses including DANC, REC, and WELL listed below is applicable to AREA E: DANC 101 F (<i>beg F 14</i>), 102 F, 103 F, 104 F, 111 F, 114 F (<i>beg F 14</i>), 115 F, 116 F, 119 F, 121 F, 122 F (<i>beg F 08</i>), 130 F, 132 F, 140 F, 141 F, 142 F, 143 F, 150 F (<i>beg F 08</i>), 151 F (<i>beg F 08</i>), 160 F, 161 F, 162 F, 163 F, 202 F, 203 F (<i>beg F 08</i>), 214 F; WELL 242 F Course: _____ College: _____ External Examination: _____ Military Credit: _____	
AREA F: ETHNIC STUDIES (3 semester units minimum) **For students who BEGIN FALL 2021 OR LATER**		
F	ETHS 101 F* (<i>beg F 21</i>) or 101HF* (<i>beg F 21</i>), 111 F* (<i>beg F 21</i>) or 111HF* (<i>beg F 21</i>), 131 F* (<i>beg F 21</i>), 150 F* (<i>beg F 21</i>), 153 F* (<i>beg F 21</i>) or 153HF* (<i>beg F 21</i>), 160 F* (<i>beg F 22</i>), 171 F* (<i>beg F 22</i>) <ul style="list-style-type: none"> • New students starting at Fullerton College BEGINNING Fall 2021 or later or returning students who have lost/broken continuous enrollment prior to the 2021-2022 academic year - must complete Area F, 3 semester units. Students should consult with a counselor to discuss this requirement or seek options at other institutions. • Students starting at Fullerton College BEFORE Fall 2021 and have maintained continuous enrollment – do not need to complete Area F. Please defer to the previous CSU GE-B requirements (i.e., needing 3 courses/9 units in Social Sciences/Area D). Course: _____ College: _____	

THE UNITED STATES HISTORY, CONSTITUTION AND AMERICAN IDEALS CSU GRADUATION REQUIREMENT may be met by completing **6 semester or 8-10 quarter units** from the following two categories:

- (1) U.S. History (1 course required from the following):
ETHS 101 F or 101HF, 130 F or 130HF, 131 F, 152 F, 160 F;
HIST 127 F, 170 F or 170HF, 171 F or 171HF, 190 F, 191 F (*beg F 15*), 270 F (These units may also be used to meet AREA A-F requirements if applicable) **and**
- (2) U.S. Government:
POSC 100 F or 100HF (required)

Students who took an out-of-state Political Science course, please see a counselor.