

2018-2019

## Certificate of Achievement in California State University General Education Breadth (CSU GE-B)

Complete the following program of study (Major C.5800.CA). Major requirements (39 units minimum).

This Certificate of Achievement is designed for students planning to transfer to a California State University (CSU) campus. Completion of this certificate ensures that the student has met the lower division General Education requirements for all CSU campuses.

Completion of the following requirements will permit you to transfer to any CSU campus without the need, after transfer, to take additional lower-division general education courses. Students will understand the basic principles of natural sciences, social and behavioral sciences, the humanities and fine arts. Students completing this degree will understand the basic principles of these academic disciplines, their methods of inquiry, their history, and impact on society, and their relationships to each other. Students will also be able to think critically, to communicate effectively, to reason using quantitative models and to maintain their physical and mental wellbeing.

**Name:** \_\_\_\_\_ **Student ID:** \_\_\_\_\_ **Date:** \_\_\_\_\_

### Course Overview and Selection

#### Area A: English Language Communication and Critical Thinking

9 semester units minimum required with at least one course each from A1, A2, and A3.

("C" or better grade required in A1, A2 and A3)

#### A1. Oral Communication (3 Units Minimum):

Course	Course Description	Units	Completed	In Progress	Planned
<b>COMM 1 or COMM 1H</b>	Public Speaking or Honors Public Speaking	3			
<b>COMM 2</b>	Interpersonal Communication	3			
<b>COMM 4</b>	Persuasion	3			
<b>COMM 8</b>	Group Communication	3			
<b>*COMM 25</b>	Argumentation	3			

#### A2. Written Communication (3 Units Minimum):

Course	Course Description	Units	Completed	In Progress	Planned
<b>ENGL 1A or ENGL 1AH</b>	Reading and Composition <i>or</i> Honors Reading and Composition	4			

#### A3. Critical Thinking (3 Units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
<b>*COMM 25</b>	Argumentation	3			
<b>CSCI 1</b>	Critical Thinking & Computer Science	3			
<b>ENGL 3 or ENGL 3H</b>	Critical Reading and Writing or Honors Critical Reading and Writing	3			
<b>PHIL 2</b>	Critical Reasoning and Analytic Writing	3			
<b>PHIL 4</b>	Introduction to Logic	3			
<b>PHIL 6</b>	Symbolic Logic	3			

Continued on Next Page

## Area B: Scientific Inquiry and Quantitative Reasoning

9 semester units minimum with at least one course each from B1 and B2 (one course from B1 or B2 to contain a laboratory component, marked by L), and at least one course from B4.

**("C" or better grade required in B4)**

### B1. Physical Science (3 Units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
CHEM 1A(L)	General Chemistry	5			
CHEM 1B(L)	General Chemistry and Qualitative Analysis	5			
CHEM 3A(L)	Introduction to General Chemistry	4			
CHEM 3B(L)	Introductory Organic and Biological Chemistry	4			
CHEM 8	Elementary Organic Chemistry	3			
CHEM 10(L)	Elementary Chemistry	4			
CHEM 28A	Organic Chemistry I	3			
CHEM 28B	Organic Chemistry II	3			
GEOG 1	Physical Geography	3			
GEOG 5	Physical Geography: Environmental Conditions	3			
GEOG 9	Physical Geography: Land Formations	3			
GEOL 1(L)	Physical Geology	4			
GEOL 9(L)	Introduction to Earth Science	4			
PHYS 2A(L)	General Physics I	4			
PHYS 2B(L)	General Physics II	4			
PHYS 4A(L)	Physics for Scientists and Engineers	4			
PHYS 4B(L)	Physics for Scientists and Engineers	4			
PHYS 4C(L)	Physics for Scientists and Engineers	4			
SCI 1A(L)	Introductory Chemical And Physical Science	4			

## B2. Life Science (3 Units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
*ANTHRO 1	Biological Anthropology	3			
BIOL 3(L)	Introduction to Life Science	4			
BIOL 5(L)	Human Biology	3			
BIOL 10	Introduction to Life Science Lecture	3			
BIOL 11A(L)	Biology For Science Majors I	5			
BIOL 11B(L)	Biology For Science Majors II	5			
BIOL 20(L)	Human Anatomy	4			
BIOL 22(L)	Human Physiology	5			
BIOL 31(L)	Microbiology	5			

## B3. Laboratory Activity:

Did you complete a course from B1 or B2 with a lab (marked with L) OR one of the following:

Course	Course Description	Units	Completed	In Progress	Planned
BIOL 10(L)	Introduction to Life Science Lab	1			
CHEM 29A (L)	Organic Chemistry Laboratory I	2			
CHEM 29B(L)	Organic Chemistry Laboratory II	2			

## B4. Mathematics/Quantitative Reasoning (3 Units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
BA 39	Finite Mathematics for Business	3			
CSCI 26	Discrete Mathematics for Computer Science	3			
MATH 4A	Trigonometry	4			
MATH 4B	Precalculus	4			
MATH 5A	Math Analysis I	5			
MATH 5B	Math Analysis II	4			
MATH 6	Math Analysis III	5			
MATH 10A	Structure and Concepts in Mathematics I	3			
MATH 10B	Structure and Concepts in Mathematics II	3			
MATH 11	Elementary Statistics	4			
MATH 17	Contemporary Mathematics	5			
MATH 45	Physical Geology	3			
STAT 7	Elementary Statistics	4			

Continued on Next Page

## Area C: Arts and Humanities

9 semester units minimum with at least one course each from C1 and C2, and an additional course from C1 or C2.

### C1. Arts (3 units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
<b>ART 1</b>	Art Basics: 2/3 Dimensional Design	<b>3</b>			
<b>ART 2</b>	Art Appreciation	<b>3</b>			
<b>ART 5</b>	Art History I	<b>3</b>			
<b>ART 6 or ART 6H</b>	Art History II or Honors Art History II	<b>3</b>			
<b>*ART 26</b>	Arts of Africa, Oceania, Indigenous North America, and the Pre-Columbia	<b>3</b>			
<b>COMM 12</b>	Fundamentals of Interpretation	<b>3</b>			
<b>FILM 1</b>	Introduction to Film Studies	<b>3</b>			
<b>*FILM 2A</b>	History of Cinema: 1895-1960	<b>3</b>			
<b>*FILM 2B</b>	History of Cinema: 1960 To Present	<b>3</b>			
<b>MUS 12</b>	Music Appreciation	<b>3</b>			
<b>MUS 16</b>	Jazz History and Appreciation	<b>3</b>			
<b>PHOTO 1</b>	Basics of Digital Photography	<b>3</b>			

### C2. Humanities (3 units minimum):

Course	Course Description	Units	Completed	In Progress	Planned
<b>ASL 1</b>	Beginning American Sign Language	<b>4</b>			
<b>ASL 2</b>	High-beginning American Sign Language	<b>4</b>			
<b>ASL 3</b>	Intermediate American Sign Language	<b>4</b>			
<b>ASL 4</b>	High-intermediate American Sign Language	<b>4</b>			
<b>*ART 26</b>	Arts of Africa, Oceania, Indigenous North America, and the Pre-Columbia	<b>3</b>			
<b>CHIN 1</b>	Beginning Chinese	<b>4</b>			
<b>CHIN 2</b>	High-Beginning Chinese	<b>4</b>			
<b>ENGL 1B or ENGL 1BH</b>	Introduction to the Study of Literature or Honors Introduction to the Study of Literature	<b>3</b>			
<b>ENGL 43A</b>	American Literature: Origins Through Reconstruction (1877)	<b>3</b>			
<b>ENGL 43B</b>	American Literature: 1877 to Present	<b>3</b>			
<b>ENGL 44A</b>	World Literature to the Renaissance	<b>3</b>			
<b>ENGL 44B</b>	World Literature Since the Renaissance	<b>3</b>			
<b>ENGL 46A</b>	English Literature to 1800	<b>3</b>			
<b>ENGL 46B</b>	English Literature from 1800 to the Present	<b>3</b>			
<b>ENGL 47</b>	Shakespeare	<b>3</b>			
<b>ENGL 49</b>	Latino & Chicano Literature	<b>3</b>			
<b>*FILM 2A</b>	History of Cinema 1895-1960	<b>3</b>			
<b>*FILM 2B</b>	History of Cinema: 1960 to Present	<b>3</b>			

Continued on Next Page

<b>FRENCH 1</b>	Beginning French	<b>4</b>			
<b>FRENCH 2</b>	High-beginning French	<b>4</b>			
<b>FRENCH 3</b>	Intermediate French	<b>4</b>			
<b>FRENCH 4</b>	High-intermediate French	<b>4</b>			
<b>*HIST 1</b>	Western Civilization to 1648	<b>3</b>			
<b>*HIST 2</b>	Western Civilization from 1648	<b>3</b>			
<b>*HIST 11</b>	History of the United States to 1877	<b>3</b>			
<b>*HIST 12 or *HIST 12H</b>	History of the United States Since 1865 or Honors History of the United States Since 1865	<b>3</b>			
<b>*HIST 20</b>	World History I, to 1600	<b>3</b>			
<b>*HIST 23</b>	World History II, Since 1500	<b>3</b>			
<b>*HIST 31</b>	A Survey of the History of Africa	<b>3</b>			
<b>*HIST 33</b>	A Survey of Latin America History	<b>3</b>			
<b>GERMAN 1</b>	Beginning German	<b>4</b>			
<b>GERMAN 2</b>	High-Beginning German	<b>4</b>			
<b>GERMAN 3</b>	Intermediate German	<b>4</b>			
<b>GERMAN 4</b>	High-Intermediate German	<b>4</b>			
<b>LING 10</b>	Introduction to Language	<b>3</b>			
<b>PHIL 1</b>	Introduction to Philosophy	<b>3</b>			
<b>PHIL 1C or PHIL 1CH</b>	Ethics or Honors Ethics	<b>3</b>			
<b>PHIL 1D</b>	World Religions	<b>3</b>			
<b>PHIL 3</b>	Introduction to Social and Political Philosophy	<b>3</b>			
<b>SPAN 1</b>	Beginning Spanish	<b>5</b>			
<b>SPAN 2</b>	High-Beginning Spanish	<b>5</b>			
<b>SPAN 3</b>	Intermediate Spanish	<b>5</b>			
<b>SPAN 3NS</b>	Spanish for Spanish Speakers	<b>4</b>			
<b>SPAN 4</b>	High-Intermediate Spanish	<b>5</b>			
<b>SPAN 4NS</b>	Spanish for Spanish Speakers	<b>4</b>			
<b>SPAN 15</b>	Practical Spanish Conversation, Low-Intermediate Level	<b>3</b>			
<b>SPAN 16</b>	Practical Spanish Conversation, High-Intermediate Level	<b>3</b>			

**C1 or C2 (3 Units minimum):**

An additional course from C1 or C2

## Area D: Social Studies

9 semester units minimum selected from at least two disciplines.

Course	Course Description	Units	Completed	In Progress	Planned
<b>*ANTHRO 1</b>	Biological Anthropology	<b>3</b>			
<b>ANTHRO 2</b>	Cultural Anthropology	<b>3</b>			
<b>ANTHRO 3</b>	Introduction to Archaeology and Prehistory	<b>3</b>			
<b>ANTHRO 4</b>	Introduction to Archaeology	<b>3</b>			
<b>CHDEV 30</b>	Child, Family, and Community	<b>3</b>			
<b>*/**CHDEV 38</b>	Lifespan Development	<b>3</b>			
<b>*/**CHDEV 39</b>	Child Growth and Development	<b>3</b>			
<b>COMM 10</b>	Intercultural Communication	<b>3</b>			
<b>CRIM 13</b>	The Constitution and Your Individual Rights	<b>3</b>			
<b>ECON 1A</b>	Principles of Macroeconomics	<b>3</b>			
<b>ECON 1B</b>	Principles of Microeconomics	<b>3</b>			
<b>GEOG 6</b>	World Regional Geography	<b>3</b>			
<b>*HIST 1</b>	Western Civilization to 1648	<b>3</b>			
<b>*HIST 2</b>	Western Civilization from 1648	<b>3</b>			
<b>*HIST 11</b>	History of the United States to 1877	<b>3</b>			
<b>*HIST 12 or *HIST 12H</b>	History of the United States Since 1865 or Honors History of the United States Since 1865	<b>3</b>			
<b>*HIST 20</b>	World History I, to 1600	<b>3</b>			
<b>*HIST 23</b>	World History II, Since 1500	<b>3</b>			
<b>*HIST 31</b>	A Survey of the History of Africa	<b>3</b>			
<b>*HIST 33</b>	A Survey of Latin America History	<b>3</b>			
<b>POLSCI 2 or POLSCI 2H</b>	American Government or Honors American Government	<b>3</b>			
<b>POLSCI 3</b>	Introduction to Political Theory and Thought	<b>3</b>			
<b>POLSCI 5</b>	Comparative Government	<b>3</b>			
<b>POLSCI 24</b>	International Relations	<b>3</b>			
<b>*PSY 2 or *PSY 2H</b>	General Psychology or Honors General Psychology	<b>3</b>			
<b>PSY 5</b>	Social Psychology	<b>3</b>			
<b>PSY 16</b>	Abnormal Psychology	<b>3</b>			
<b>*/**PSY 38</b>	Lifespan Development	<b>3</b>			
<b>PSY 45</b>	Introduction to Research Methods in Psychology	<b>3</b>			
<b>*SOC 1A</b>	Introduction to Sociology	<b>3</b>			
<b>SOC 1B</b>	Critical Thinking About Social Problems	<b>3</b>			
<b>SOC 2</b>	American Minority Groups	<b>3</b>			

Continued on Next Page

## Area E. Lifelong Learning and Self-Development (3 semester units minimum):

This area can also be certified with a military DD-214. Official SMART transcripts must be on file.

Course	Course Description	Units	Completed	In Progress	Planned
<b>*/**CHDEV 38</b>	Lifespan Development	<b>3</b>			
<b>*CHDEV 39</b>	Child Growth and Development	<b>3</b>			
<b>COUN 53</b>	College and Life Management	<b>3</b>			
<b>FN 35</b>	Nutrition and Health	<b>3</b>			
<b>HLTH 1</b>	Contemporary Health Issues	<b>3</b>			
<b>INTDS 50</b>	College Success	<b>3</b>			
<b>*PSY 2 or *PSY 2H</b>	General Psychology or Honors General Psychology	<b>3</b>			
<b>PSY 25</b>	Human Sexuality	<b>3</b>			
<b>*/**PSY 38</b>	Lifespan Development	<b>3</b>			
<b>*SOC 1A</b>	Introduction to Sociology	<b>3</b>			
<b>SOC 32</b>	Courtship, Marriage, and Divorce: Family and Interpersonal Relationships	<b>3</b>			

### Notes:

\*Courses located in more than one AREA can only be used in one area

\*\*Identifies courses that are considered "same as". You can only take one of the 2 courses (CHDEV 38 same as PSY 38, CHDEV 39 same as PSY 39)

To be fully certified, students must complete a minimum of 9 units each in Areas A, B, C, and D, and 3 units in Area E. At least 30 of these units must be completed with a grade of "C" or better, including the 9 units in Area A: Communication in the English Language; and 3 units in Area B-4: Mathematics.

\*AP, CLEP, IB may be used to meet CSU General Education requirements for certification.

### The graduate of the transfer studies program in CSU general studies breadth will:

- Correctly setup, solve, and interpret the results of a variety of computational and non-computational problems relevant to the natural sciences by applying the language, critical thinking, and mathematical skills acquired in previous courses.
- Demonstrate and understanding of the interrelationship between the creative arts, the humanities, and themselves.
- Critically explain how people act and have acted in response to their societies.
- Demonstrate and understanding of how societies and social subgroups operate.
- Communicate ideas more effectively.
- Demonstrate and ability to think logically and critically in solving problems; explaining conclusions; and evaluating, supporting or critiquing the thinking of others.
- Evaluate personal choices regarding disease prevention, healthy living, and making positive life choices.

### Additional Information:

**Fulfilling the CSU minimum eligibility requirements does not guarantee admission to CSU campuses.**

Admission selection criteria vary widely by campus and by major. Consult with your counselor or a CSU campus representative to learn about the GPA and courses that may be required for admission to particular campuses and majors. Refer to the CSU Apply website for CSU transfer eligibility requirements (<https://www2.calstate.edu/apply>).

To be fully certified, students must complete a minimum of 9 units each in Areas A, B, C, and D, and 3 units in Area E. At least 30 of these units must be completed with a grade of "C" or better, including the 9 units in Area A: Communication in the English Language; and 3 units in Area B-4: Mathematics.

GE-Breadth Certification is not automatic and must be requested by the student at the same time transcripts are requested to be sent to the CSU following the posting of final grades.

Note: A single course, even though listed in more than one area, can only be used to satisfy one General Education requirement.

**Advisor:** McArron

### Comments: