

California State University General Education (CSU-GE), Pattern/ Certificate of Achievement



This certificate is designed for the student who intends to transfer to a California State University (CSU). Certification of completion of this Certificate of Achievement will fulfill lower division General Education Requirements at all CSU campuses and eliminate the need to complete additional lower division general education requirements at the transfer institution. Students completing the CSU general education pattern will also meet the general education requirements for San Joaquin Delta College's Associate Degree.

All courses completed in Areas A1, A2, A3, and B4 must be completed with a grade of C or better. Although a course may be listed under more than one area, a course cannot be used to satisfy more than one general education area.

Program Learning Outcomes

Upon successful completion of this program, students will have successfully completed all required CSU lower division general education breadth pattern coursework.

Courses shall be selected from Areas A - F below:

Area A - English Language Communication and Critical Thinking

Complete 9 units with at least one course each from A1-Oral Communication, A2-Written Communication, and A3-Critical Thinking.

A1: Oral Communication[^]

- [COM ST 1A Public Speaking](#) Units: 3
- [COM ST 8 Small Group Communication](#) Units: 3

A2: Written Communication[^]

- [ENG 1A Reading and Composition](#) Units: 3
- [ENG 2A Reading and Composition with Support](#) Units: 4

A3: Critical Thinking[^]

- [COM ST 5 Argumentation and Debate](#) Units: 3
- [ENG 1B College Composition and Literature](#) Units: 3
- [ENG 1D Advanced Composition and Critical Thinking](#) Units: 3
- [PHILO 30 Introductory Logic](#) Units: 3

Area B - Scientific Inquiry and Quantitative Reasoning

Complete a minimum of 9 units with at least one course each from B1-Physical Science, B2-Life Science (at least one to include a B3-Laboratory Activity component), and B4-Mathematics/Quantitative Reasoning.

B1: Physical Science

- [ASTRO 1 Introductory Astronomy](#) **Units: 3**
- [ASTRO 1L Astronomy Laboratory](#) **Units: 1 ***
- [ASTRO 11 Astronomy of the Solar System](#) **Units: 4 ***
- [ASTRO 12 Astronomy: Stars, Galaxies, and the Universe](#) **Units: 4 ***
- [CHEM 1A General Chemistry](#) **Units: 5 ***
- [CHEM 1B General Chemistry](#) **Units: 5 ***
- [CHEM 3A Introduction to Chemistry](#) **Units: 4 ***
- [CHEM 10 Exploring Everyday Chemistry](#) **Units: 3**
- [CHEM 12A Organic Chemistry](#) **Units: 5 ***
- [CHEM 12B Organic Chemistry](#) **Units: 5 ***
- [GEOG 1 Physical Geography](#) **Units: 3**
- [GEOG 1L Physical Geography Laboratory](#) **Units: 1 ***
- [GEOL 1A Physical Geology w/Lab](#) **Units: 4 ***
- [GEOL 1B Historical Geology w/Lab](#) **Units: 4 ***
- [GEOL 2 Introduction to Environmental Science](#) **Units: 3**
- [GEOL 5 Earth Science](#) **Units: 3**
- [GEOL 5A Earth Science with Laboratory](#) **Units: 4 ***
- [GEOL 15 Environmental Geology](#) **Units: 3**
- [GEOL 16 Oceanography](#) **Units: 3**
- [PHSCI 1 Conceptual Physical Science](#) **Units: 3**
- [PHYSC 2A General Physics](#) **Units: 4 ***
- [PHYSC 4A Principles of Physics: Mechanics](#) **Units: 4 ***
- [PHYSC 10 Introduction to Physics](#) **Units: 4 ***
- [PLANT 14 Soil Science](#) **Units: 4 ***

B2: Life Science

- [ANTHR 2 Biological Anthropology](#) **Units: 3**
- [ANTHR 2L Biological Anthropology Laboratory](#) **Units: 1 ***
- [ASCI 10 Principles of Animal Science](#) **Units: 3**
- [ASCI 10L Principles of Animal Science Laboratory](#) **Units: 1 ***
- [BIOL 1 Cell and Molecular Biology](#) **Units: 4 ***
- [BIOL 2 Zoology/Animal Diversity and Evolution](#) **Units: 5 ***
- [BIOL 3 Plant Diversity and Ecology](#) **Units: 4 ***
- [BIOL 10 Survey of Biology](#) **Units: 4 ***
- [BIOL 11 Human Biology](#) **Units: 4 ***

- [BIOL 23 General Microbiology](#) **Units: 5 ***
- [BIOL 31 Human Anatomy](#) **Units: 4 ***
- [BIOL 32 Human Physiology](#) **Units: 5 ***
- [BIOL 33 Anatomy & Physiology](#) **Units: 6 ***
- [N R 2 Environmental Science](#) **Units: 3**
- [PLANT 10 Principles of Plant Science](#) **Units: 3**
- [PLANT 10L Principles of Plant Science Laboratory](#) **Units: 1 ***
- [PSYCH 5 Introduction to Biological Psychology](#) **Units: 4 ***

B3: Laboratory Activity

This requirement will be satisfied by completion of any laboratory course in Area B1 or B2. Laboratory courses are indicated with an asterisk (*).

B4: Mathematics/Quantitative Reasoning^

- [BUS 67 Introduction to Personal Finance](#) **Units: 3**
- [COM ST 14 Statistical Analysis for Communication](#) **Units: 3**
- [LAW 26 Introductory Statistical Analysis for Law, Policy, and Justice Studies](#) **Units: 4**
- [MATH 1 Calculus I](#) **Units: 5**
- [MATH 2 Calculus II](#) **Units: 4**
- [MATH 3 Multivariable Calculus](#) **Units: 4**
- [MATH 4 Differential Equations](#) **Units: 4**
- [MATH 5 Linear Algebra](#) **Units: 4**
- [MATH 13 Survey of Calculus](#) **Units: 4**
- [MATH 17A Concepts and Structures of Mathematics](#) **Units: 3**
- [MATH 20 Finite Mathematics](#) **Units: 3**
- [MATH 37 College Algebra](#) **Units: 3**
- [MATH 37EX College Algebra with Support](#) **Units: 4**
- [MATH 38A Precalculus I](#) **Units: 4**
- [MATH 38B Precalculus II](#) **Units: 4**
- [MATH 39 Precalculus](#) **Units: 6**
- [PSYCH 2 Statistical Methods for Psychology & Social Science](#) **Units: 3**
- [STATS 12 Introduction to Probability and Statistics](#) **Units: 4**
- [STATS 12EX Introduction to Probability and Statistics with Support](#) **Units: 4.5**

Area C - Arts, Literature, Philosophy, and Languages Other Than English

Complete a minimum of 9 units with at least one course each from C1-Arts and C2-Humanities.

C1: Arts

- [ART 1A Art History: Europe from Prehistory to 1400](#) **Units: 3**
- [ART 1B Art History: Europe from the Fifteenth to the Twentieth Century](#) **Units: 3**
- [ART 1C Modern and Contemporary Art History](#) **Units: 3**

- [ART 2 Art History of the Non-Western World](#) **Units: 3**
- [ART 3 Art Appreciation](#) **Units: 3**
- [ART 6 2D Design and Color](#) **Units: 3**
- [ART 7A Painting I](#) **Units: 3**
- [ART 12 3-D Design](#) **Units: 3**
- [ART 20A Sculpture I](#) **Units: 3**
- [ART 33A Beginning Drawing](#) **Units: 3**
- [ART 40A Printmaking I](#) **Units: 3**
- [ART 64A Ceramics I](#) **Units: 3**
- [COM ST 2 Oral Interpretation of Literature](#) **Units: 3**
- [DANCE 29 Dance Appreciation](#) **Units: 3**
- [DANCE 32 Dance Cultures](#) **Units: 3**
- [DANCE 35A Afro-Caribbean Dance I](#) **Units: 3**
- [DRAMA 10 Introduction to Theatre](#) **Units: 3**
- [DRAMA 16A History of Theatre: Primitive to the 18th Century](#) **Units: 3**
- [DRAMA 16B History of Theatre:18th Century to Present](#) **Units: 3**
- [DRAMA 31 Acting I: Introduction to Acting](#) **Units: 3**
- [ENG 30 The Film as Literature](#) **Units: 3**
- [FASHION 8 History of Fashion to the Twentieth Century](#) **Units: 3**
- [HORT 4 History of Garden Design](#) **Units: 3**
- [ID 8 History of Interior Design & Furniture](#) **Units: 3**
- [MUSIC 1 Music Fundamentals](#) **Units: 3**
- [MUSIC 4 Exploring Music](#) **Units: 3**
- [MUSIC 7 Excursions in Music of Our World](#) **Units: 3**
- [MUSIC 8 Exploring Jazz, Ragtime, and Blues](#) **Units: 3**
- [PHOTO 1A Introduction to Photography](#) **Units: 3**

C2: Humanities

- [CIVIL /HUM 3 Autobiography of Civilization](#) **Units: 3**
- [CUL ART 16 Gastronomies of the World](#) **Units: 3**
- [DANCE 32 Dance Cultures](#) **Units: 3**
- [ENG 35 Chicano Literature](#) **Units: 3**
- [ENG 37 Women in Literature](#) **Units: 3**
- [ENG 38 Mythology](#) **Units: 3**
- [ENG 42A Survey of American Literature I](#) **Units: 3**
- [ENG 42B Survey of American Literature II](#) **Units: 3**
- [ENG 43C World Literature I](#) **Units: 3**
- [ENG 43D World Literature II](#) **Units: 3**
- [ENG 45 Introduction to Shakespeare](#) **Units: 3**
- [ENG 46A Survey of British Literature I](#) **Units: 3**
- [ENG 46B Survey of British Literature II](#) **Units: 3**

- [ENG 49A Introduction to Creative Writing](#) **Units: 3**
- [ENG 52 From Story to Screen](#) **Units: 3**
- [ENG 57 Children's Literature](#) **Units: 3**
- [ENG 61 Hip Hop Poetics](#) **Units: 3**
- [ENG 62A Race and Ethnicity in Literature](#) **Units: 3**
- [ENG 62B Contemporary African American Literature](#) **Units: 3**
- [ENG 62C Asian American Literature](#) **Units: 3**
- [ENG 62D Indigenous American Literature](#) **Units: 3**
- [ENG 62E Introduction to Latino/a Literature](#) **Units: 3**
- [FASHION 9 History of Fashion from the Twentieth Century to Present](#) **Units: 3**
- [FASHION 10 Clothing and Culture](#) **Units: 3**
- [FREN 2 Elementary French II](#) **Units: 5**
- [FREN 3 Intermediate French I](#) **Units: 5**
- [FREN 4 Intermediate French II](#) **Units: 5**
- [GERM 1 Elementary German I](#) **Units: 5**
- [GERM 2 Elementary German II](#) **Units: 5**
- [HIST 6C History of the Middle East](#) **Units: 3 +**
- [HIST 7 History Through Film](#) **Units: 3**
- [HUM /CIVIL 3 Autobiography of Civilization](#) **Units: 3**
- [ITAL 2 Elementary Italian II](#) **Units: 5**
- [JAPAN 2 Elementary Japanese II](#) **Units: 5**
- [PHILO 6 Introduction to Philosophy](#) **Units: 3**
- [PHILO 40 Ethics](#) **Units: 3**
- [PHILO 45 Philosophy of Religion](#) **Units: 3**
- [PHILO 50 Asian Philosophy](#) **Units: 3**
- [RELGN 14A Great Religions of the Eastern World](#) **Units: 3**
- [RELGN 14B Great Religions of the Western World](#) **Units: 3**
- [SL 2 Elementary American Sign Language II](#) **Units: 4**
- [SL 3 Intermediate American Sign Language I](#) **Units: 4**
- [SL 4 Intermediate American Sign Language II](#) **Units: 4**
- [SPAN 2 Elementary Spanish II](#) **Units: 5**
- [SPAN 3 Intermediate Spanish I](#) **Units: 5**
- [SPAN 3A Spanish for Spanish Speakers I](#) **Units: 5**
- [SPAN 4 Intermediate Spanish II](#) **Units: 5**
- [SPAN 4A Spanish for Spanish Speakers II](#) **Units: 5**
- [SPAN 5 Advanced Spanish Introduction to Literature I](#) **Units: 3**
- [SPAN 6 Advanced Spanish Introduction to Literature II](#) **Units: 3**
- [SPAN 20 Introduction to Chicana/o and Latina/o Studies through Literature](#) **Units: 5**

Area D - Social, Political, and Economic Institutions

Complete a minimum of 6 units.

- [AGBUS 12 Agricultural Economics](#) **Units: 3**
- [AJ 21 Criminal Justice in Society](#) **Units: 3**
- [ANTHR 1 Cultural Anthropology](#) **Units: 3**
- [ANTHR 10 Introduction to Archaeology](#) **Units: 3**
- [BIOL /PSYCH 30 Human Sexuality](#) **Units: 3 +**
- [BUS 8 Introduction to Law and Society](#) **Units: 3**
- [BUS 26 Economics of Business](#) **Units: 3**
- [BUS 32 Managing Diversity and Inclusion](#) **Units: 3**
- [COM ST 7 Intercultural Communication](#) **Units: 3 ****
- [COM ST 11 Intracultural Communication](#) **Units: 3 ****
- [ECE 21 Child and Adolescent Development](#) **Units: 3 +**
- [ECON 3 Principles of Microeconomics](#) **Units: 3**
- [ECON 5 Principles of Macroeconomics](#) **Units: 3**
- [ETHNS 33 Introduction to Native American Studies](#) **Units: 3 +**
- [ETHNS 34 Introduction to Chicana/Chicano Studies](#) **Units: 3 +**
- [ETHNS 35 Introduction to Black/African American Studies](#) **Units: 3 +**
- [ETHNS 36 Introduction to Asian American Studies](#) **Units: 3 +**
- [GEOG 2 Human Geography](#) **Units: 3**
- [GEOG 3 Geography of California](#) **Units: 3**
- [GEOG 10 World Regional Geography](#) **Units: 3**
- [HIST 2A World History to 1600](#) **Units: 3**
- [HIST 2B World History Since 1600](#) **Units: 3**
- [HIST 4A History of Western Civilization](#) **Units: 3**
- [HIST 4B History of Western Civilization](#) **Units: 3**
- [HIST 6A History of Asian Civilizations](#) **Units: 3**
- [HIST 6C History of the Middle East](#) **Units: 3 +**
- [HIST 17A History of the United States](#) **Units: 3**
- [HIST 17B History of the United States](#) **Units: 3**
- [HIST 27 Women in History](#) **Units: 3**
- [HIST 30A African-American History to 1877](#) **Units: 3**
- [HIST 30B African-American History Since 1877](#) **Units: 3**
- [HIST 31 Mexican-American History](#) **Units: 3**
- [HIST 34 Asian Pacific American History](#) **Units: 3**
- [HIST 37 California History](#) **Units: 3**
- [LAW 16 Introduction to Social Justice: Law and Social Change](#) **Units: 3**
- [PETHEORY 41 Sport in Society](#) **Units: 3**
- [PETHEORY 49 Psychology of Fitness and Sport Performance](#) **Units: 3**
- [POLSC 1 American Government and Institutions](#) **Units: 3**
- [POLSC 2 Introduction to Comparative Politics](#) **Units: 3**
- [POLSC 3 Introduction to Political Theory](#) **Units: 3**
- [POLSC 4 California Politics](#) **Units: 3**

- [POLSC 5 International Relations](#) **Units: 3**
- [POLSC 6 International Political Economy](#) **Units: 3**
- [PSYCH 1 Introduction to Psychology](#) **Units: 3**
- [PSYCH 3 Personal and Social Psychology](#) **Units: 3 +**
- [PSYCH 4 Introduction to Research Methods in Psychology](#) **Units: 3**
- [PSYCH /BIOL 30 Human Sexuality](#) **Units: 3 +**
- [SOCIO 1A Introduction to Sociology](#) **Units: 3**
- [SOCIO 1B Social Problems](#) **Units: 3**
- [SOCIO 5 Sociology of the Family](#) **Units: 3**
- [SOCIO 27 Introduction to Gender](#) **Units: 3**
- [SOCIO 33 Introduction to Race and Ethnicity](#) **Units: 3 ****

Area E - Lifelong Learning and Self-Development

Complete a minimum of 3 units, not all in PEACTIONIV.

Veterans or reservists who submit a DD214 verifying discharge under honorable conditions *or* active duty military personnel who submit an official document (e.g., Joint Services Transcript) verifying completion of basic military training will clear Area E and receive three units of general education credit.

- [ANTHR /HUM 4 Introduction to Linguistics](#) **Units: 3**
- [BIOL /PSYCH 30 Human Sexuality](#) **Units: 3 +**
- [COM ST 3 Interpersonal Communication](#) **Units: 3**
- [COUN 8 Education and Interpersonal Growth](#) **Units: 3**
- [ECE 21 Child and Adolescent Development](#) **Units: 3 +**
- [FCS 2 Life Management](#) **Units: 3**
- [FCS 6 Nutrition](#) **Units: 3**
- [FCS /H S 19 Human Development](#) **Units: 3**
- [FCS 23 Marriage and the Family](#) **Units: 3**
- [H ED 1 Health Education](#) **Units: 3**
- [H ED 30 Community First Aid and Safety](#) **Units: 2**
- [H S /FCS 19 Human Development](#) **Units: 3**
- [HUM /ANTHR 4 Introduction to Linguistics](#) **Units: 3**
- [PEACTIONIV 1D Swim Training and Conditioning](#) **Units: 0.5-1**
- [PEACTIONIV 8 Futsal 1](#) **Units: 1**
- [PEACTIONIV 12A Individual Conditioning I](#) **Units: 1.5**
- [PETHEORY 45 Women in Sport](#) **Units: 3**
- [PSYCH 3 Personal and Social Psychology](#) **Units: 3 +**
- [PSYCH /BIOL 30 Human Sexuality](#) **Units: 3 +**

Area F - Ethnic Studies

Complete a minimum of 3 units. The requirement to take a 3 unit course in Area F shall not be waived or substituted.

- [ETHNS 33 Introduction to Native American Studies](#) **Units: 3 +**

- [ETHNS 34 Introduction to Chicana/Chicano Studies](#) **Units:** 3 +
- [ETHNS 35 Introduction to Black/African American Studies](#) **Units:** 3 +
- [ETHNS 36 Introduction to Asian American Studies](#) **Units:** 3 +

Minimum Units Required: 40

NOTES:

For a complete listing of courses and approval dates log on to www.assist.org or see a counselor or evaluator for a list of course approval dates.

^ Course in this area must be completed with a grade of “C” or better

+ Course may be listed in more than one area but may not be used to certify more than one area.

* Indicates Laboratory Activity course

** Course satisfies CSU Sacramento “Race and Ethnicity in American Society” general education requirement

California State University American Institutions Requirement

Students satisfy the American Institutions requirement of the California State University through coursework in three areas.

- US-1: Historical Development of American institutions and ideals
- US-2: U.S. Constitution and government
- US-3: California state and local government

This requirement may be met before or after transfer to CSU; however, students are advised to meet this requirement prior to transfer and while completing the CSU General Education certification. If a course is approved for more than one U.S. Area below, a student may use the course to satisfy all areas listed. US-1 may be completed with a score of 3 or higher on Advanced Placement U.S. History. US-2 (but not US-3) may be completed with a score of 3 or higher on Advanced Placement U.S. Government and Politics.

At Delta College, qualifications of these courses to fulfill the United States History, Constitution, and American Ideals requirement is restricted to the following combinations:

- [HIST 17A](#) and one of the following: [HIST 27](#), [HIST 30B](#), [HIST 34](#), [POLSC 1](#), [POLSC 4](#)
- **OR**
- [POLSC 1](#) and one of the following: [HIST 17A](#), [HIST 17B](#), [HIST 27](#), [HIST 30A](#), [HIST 30B](#), [HIST 31](#), [HIST 34](#)

Courses that meet the CSU American Institutions requirement may also be used to satisfy CSU-GE Area D requirements.
