

- Courses may be listed in more than one area but will NOT be certified more than once, unless stated otherwise.
- For a course to meet a CSU GE-B requirement, the course must be on the CSU GE-B pattern during the academic year it is taken.

**Area A. English Language Communication and Critical Thinking (at least 9 units required with at least 1 course each from Oral Communication, Written Communication, and Critical Thinking) All courses must be completed with a grade of 'C' or better**
**A1 - Oral Communication (at least 3 units required)**

CMST 1 Fundamentals of Public Speaking	CMST 10 Interpersonal Communication	CMST 46 Argumentation and Debate
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**A2 - Written Communication (at least 3 units required)**

ENG 1A Critical Reading and Composition	ENG 1AEX Critical Reading and Composition Expanded	ESL 1A Critical Reading and Composition for ESL
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**A3 - Critical Thinking (at least 3 units required)**

CMST 46 Argumentation and Debate	ENG 7 Critical Thinking and Writing Across Disciplines	PHIL 8 Logic and Argumentation
ENG 4 Critical Thinking and Writing About Literature	PHIL 6 Introduction to Logic	THEA 53 Script Analysis (F20)

**Area B. Scientific Inquiry and Quantitative Reasoning (at least 9 units required with at least 1 course each from Physical Science, Life Science (at least 1 to contain a laboratory component), and Mathematics/Quantitative Reasoning)**
**B1 - Physical Science (at least 3 units required)**

ASTR 10 Introduction to Astronomy: The Solar System	EVST 5 Energy and Sustainability	GEOL 20 Earth Science for Educators <sup>L</sup>
ASTR 20 Introduction to Astronomy: Stars and the Universe	GEOG 1 Introduction to Physical Geography	PHYS 1A General Physics I <sup>L</sup>
CHEM 1A General College Chemistry I <sup>L</sup>	GEOG 8 Introduction to Atmospheric Science	PHYS 1B General Physics II <sup>L</sup>
CHEM 1B General College Chemistry II <sup>L</sup>	GEOG 12 Geography of California	PHYS 1C General Physics III <sup>L</sup>
CHEM 12A Organic Chemistry I <sup>L</sup>	GEOL 1 Physical Geology	PHYS 1D General Physics IV <sup>L</sup>
CHEM 12B Organic Chemistry II <sup>L</sup>	GEOL 2 Historical Geology with Lab <sup>L</sup>	PHYS 2A Introduction to Physics I <sup>L</sup>
CHEM 30A Introductory and Applied Chemistry I <sup>L</sup>	GEOL 5 Environmental Geology: Hazards & Disasters	PHYS 2B Introduction to Physics II <sup>L</sup>
CHEM 30B Introductory and Applied Chemistry II <sup>L</sup>	GEOL 7 Environmental Geology: Resources, Use Impact & Pollution	PHYS 10 Descriptive Physics
CHEM 31 Introduction to College Chemistry <sup>L</sup>	GEOL 12 Introduction to Oceanography	

**B2 - Life Science (at least 3 units required)**

ANTR 1 Biological Anthropology	BIO 7B Human Physiology <sup>L</sup>	BIO 50 Anatomy and Physiology <sup>L</sup>
ANTR 13 Introduction to Forensic Anthropology	BIO 7C Microbiology	BIO 60 Marine Biology <sup>L</sup>
BIO 1A General Botany <sup>L</sup>	BIO 10 Introduction to the Science of Biology <sup>L</sup>	BIO 70 Field Biology <sup>L</sup>
BIO 1B General Zoology <sup>L</sup>	BIO 20 Contemporary Human Biology	PSYC 4 Brain, Mind and Behavior
BIO 1C Cell and Molecular Biology <sup>L</sup>	BIO 30 Introduction to College Biology <sup>L</sup>	
BIO 7A Human Anatomy <sup>L</sup>	BIO 40 Humans and the Environment	

**B3 - Laboratory Activity (at least 1 course from below or from Physical Science or Life Science marked with an <sup>L</sup>)**

ANTR 1L Biological Anthropology Lab	GEOG 1L Introduction to Physical Geography Laboratory	PHYS 10L Descriptive Physics Lab
ANTR 2L Archaeology Field Lab	GEOL 1L Physical Geology Laboratory	
ASTR 30L Introduction to Astronomy Lab	GEOL 12L Intro to Oceanography Laboratory	

**B4 - Mathematics/Quantitative Reasoning (at least 3 units required) Must be completed with a grade of 'C' or better**

BUSN 33 Personal Financial Management & Planning	MATH 5 Ordinary Differential Equations	MATH 33 Finite Mathematics
CS 17 Discrete Mathematical Structures	MATH 7 Elementary Linear Algebra	MATH 34 Calculus for Business and Social Sciences
MATH 1 Calculus I	MATH 10 Discrete Mathematical Structures	MATH 39 Trigonometry
MATH 2 Calculus II	MATH 27 Number Systems for Educators	MATH 40 Statistics and Probability
MATH 3 Multivariable Calculus	MATH 30 College Algebra for STEM	MATH 47 Mathematics for Liberal Arts

**Area C. Arts and Humanities (at least 9 units required (3 courses) with at least 1 course each from Arts and Humanities)**
**C1 - Arts (at least 3 units required)**

ARHS 1 Introduction to Art History	HUMN 2 Introduction to Film Studies	MUS 34 Music in Film
ARHS 2 Art of the Ancient Americas	HUMN 3 Introduction to Humanities	PHOT 67 History of Photography
ARHS 3 Arts of Africa, Oceania, and Indigenous North America	HUMN 4 Global Cinemas	THEA 1A Theory/Practice of Acting I
ARHS 4 Western Art History - Ancient to Medieval	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	THEA 4 American Cultures in Theater
ARHS 5 Western Art History - Renaissance to Contemporary	HUMN 12 Culture and the Arts II: The Modern World	THEA 10 Introduction to Dramatic Arts
ARHS 7 Modern Art History	MUS 1 Introduction to Music	THEA 11 Stage to Screen
ARHS 8 Asian Art History	MUS 3 World Music	THEA 12 Film as Art & Communication
ARTS 2A Introduction to Drawing	MUS 4 Jazz in American Culture	THEA 14 Bay Area Theater
ARTS 3A Figure and Composition I	MUS 5 American Cultures in Music	THEA 25 Fundamentals of Stage Speech
ARTS 4A Introduction to Ceramics	MUS 6 Basic Music Skills	THEA 51 Introduction to Costume Design
ARTS 7A Introduction to Watercolor Painting	MUS 8A Music Theory and Musicianship 1	THEA 53 Script Analysis
ARTS 12A Oil/Acrylic Painting; Beginning I	MUS 8B Music Theory and Musicianship 2	WLDT 71 Welding for the Arts
GDDM 3 The History of Modern Design	MUS 13 History of Rock & Roll	

**C2 - Humanities (at least 3 units required)**

ASL 2A American Sign Language III	FREN 2A Intermediate French I	MUS 34 Music in Film
ASL 2B American Sign Language IV	FREN 2B Intermediate French II	PHIL 1 God, Nature, Human Nature
CMST 2 Oral Interpretation of Literature	HIST 1 Western Civilization to 1600	PHIL 1H Honors Phil. 1: God, Nature, Human Nature
CMST 5 Readers Theater	HIST 2 Western Civilization since 1600	PHIL 2 Ethics
ECE 61 Literature for the Young Child	HIST 3 World History to 1500	PHIL 2H Honors Philosophy 2: Ethics
ENG 4 Critical Thinking & Writing About Literature	HIST 4 World History since 1500	PHIL 3 Aesthetics
ENG 7 Critical Thinking & Writing Across Disciplines	HIST 7 US History Through Reconstruction	PHIL 4 Intro to Philosophy: Knowledge
ENG 11 Introduction to Creative Writing	HIST 8 US History Post-Reconstruction	PHIL 5 Feminist Philosophy
ENG 12A Craft of Writing Fiction	HIST 14 History and American Cultures of California	PHIL 6 Introduction to Logic
ENG 12B Craft of Writing Fiction: Intermediate	HIST 25 American Indian History	PHIL 8 Logic and Argumentation
ENG 13A The Craft of Writing Poetry: Beginning	HIST 32 U.S. Women's History	RELS 1 Religions of the World
ENG 13B The Craft of Writing Poetry: Intermediate	HUMN 2 Introduction to Film Studies	RELS 2 Bible: History and Literature
ENG 20 Studies in Shakespeare	HUMN 3 Introduction to Humanities	RELS 3 Intro to Women's Spirituality
ENG 32 U.S. Women's Literature	HUMN 4 Global Cinemas	RELS 11 The Nature of Islam
ENG 35 Modern American Literature	HUMN 6 Nature and Culture	SPAN 2A Intermediate Spanish I
ENG 41 Modern World Literature	HUMN 10 American Arts and Ideas	SPAN 2B Intermediate Spanish II
ENG 42 Literature of the African Diaspora in America	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	SPAN 21 Spanish for Spanish Speakers I
ENG 44 Literature of the American West	HUMN 12 Culture and the Arts II: The Modern World	SPAN 22 Spanish for Spanish Speakers II
ENG 45 Studies in Fiction	HUMN 28 World Mythology	SPAN 23 Introduction to Hispanic Literature

**Area D. Social and Behavioral Sciences (at least 6 units required (2 courses))**

AJ 50 Introduction to Administration of Justice	ETHS 6 Introduction to Race and Ethnicity	POLI 12 Introduction to California State and Local Government
AJ 56 Fundamentals of Crime and Delinquency	GEOG 2 Cultural Geography	POLI 20 Comparative Government
AJ 60 Criminal Law	GEOG 5 World Regional Geography	POLI 25 Introduction to Political Theory
AJ 66 Juvenile Procedures	GEOG 12 Geography of California	POLI 26 Introduction to Gender, Sexuality & Politics
AJ 78 Introduction to Probation and Parole	GEOG 15 Introduction to GIS	POLI 30 International Relations
ANTR 1 Biological Anthropology	GS 1 Introduction to Global Studies	PSYC 1 General Psychology
ANTR 2 Introduction to Archaeology	GS 2 Global Issues	PSYC 3 Introduction to Social Psychology
ANTR 3 Cultural Anthropology	HEA 3 Women's Health	PSYC 4 Brain, Mind and Behavior
ANTR 4 Language and Culture	HEA 7 Introduction to Public Health	PSYC 6 Abnormal Psychology
ANTR 5 Cultures of the U.S. in Global Perspective	HEA 11 Health and Social Justice	PSYC 10 Psychology of Human Sexuality
ANTR 6 Anthropology of Sex and Gender	HIST 1 Western Civilization to 1600	PSYC 12 Life-span Psychology
ANTR 7 Native American Cultures of North America	HIST 2 Western Civilization since 1600	PSYC 13 Psychology of Women
ANTR 8 World Prehistory in Archaeological Perspective	HIST 3 World History to 1500	PSYC 15 Abnormal Child Psychology
ANTR 12 Magic/Religion/Witchcraft/Healing	HIST 4 World History since 1500	PSYC 21 Introduction to Cross-Cultural Psychology
BUS 30 Business Ethics and Society	HIST 7 US History Through Reconstruction	PSYC 25 Research Methods
CMST 4 Introduction to Communication Studies	HIST 8 US History Post-Reconstruction	PSYC 27 Introduction to Cognitive Science
CMST 10 Interpersonal Communication	HIST 14 History and American Cultures of California	SOC 1 Principles of Sociology
CMST 11 Intercultural Communication	HIST 25 American Indian History	SOC 3 Introduction to Race and Ethnicity
ECE 10 Introduction to Education	HIST 28 History of the American West	SOC 4 Marriage and Family Relations
ECE 56 Child Growth and Development	HIST 32 U.S. Women's History	SOC 5 Introduction to Global Studies
ECE 62 Child, Family and Community	JAMS 1 Introduction to Mass Communications	SOC 6 Social Problems
ECE 79 Teaching in a Diverse Society	JAMS 2 Introduction to Media	SOC 7 Sociology of Sexuality
ECON 1 Principles of Microeconomics	LGBT 1 Introduction to LGBTQ Studies	SOC 11 Sociology of Gender
ECON 2 Principles of Macroeconomics	LGBT 2 Lesbian, Gay, Bisexual, Transgender, and Queer Psychology	SOC 12 Popular Culture
ECON 5 Economic History of the U. S.	MKTG 50 Introduction to Marketing	SOC 13 Research Methods
ECON 10 General Economics	PCN 3 Theories & Concepts of Counseling: An Introduction	WMST 1 Introduction to Women's Studies
ENG 44 Literature of the American West	PCN 13 Multicultural Issues in Contemporary America	WMST 2 Global Perspective of Women
ETHS 5 Introduction to Cross-Cultural Psychology	POLI 7 Introduction to American Government	

**Area E. Lifelong Learning and Self Development (at least 3 units required) Veterans with DD214 honorable discharge receive a waiver for this area and 3 units toward CSU**

BIO 55 Orientation to Health Care	DANC 6A Choreography for the Stage A	Any Kinesiology Intercollegiate Athletics Course (KIN 32A-65)*
CMST 3 Group Communication	DANC 6B Choreography for the Stage B	Any Kinesiology Activity Course (KIN AF1-ZUM1)*
CMST 10 Interpersonal Communication	ECE 54 Child Health, Safety and Nutrition	NTRN 1 Introduction to Nutrition Science
CMST 11 Intercultural Communication	ECE 56 Child Growth and Development	PCN 10 Career and Educational Planning
DANC 2A Jazz Dance Fundamentals/Beginning	FST 7 Fire Service Conditioning & Physical Agility Development	PCN 18 University Transfer Planning
DANC 2B Jazz Dance Beginning/Intermediate	HEA 1 Introduction to Personal Health	PCN 30 Student Success and the College Experience
DANC 3A Ballet Fundamentals/Beginning	HEA 3 Women's Health	PSYC 10 Psychology of Human Sexuality
DANC 4A Modern/Contemporary Dance A	KIN 22A Science of Soccer 1	PSYC 12 Life-span Psychology
DANC 4B Modern/Contemporary Dance B	KIN 24 Sports Psychology	SOC 4 Marriage and Family Relations
DANC 5A Dance Composition 5A	KIN 26 Coaching Youth Soccer	SOC 7 Sociology of Sexuality
DANC 5B Dance Composition 5B	KIN 30 Introduction to Kinesiology	* KIN 32A-65, AF1-ZUM1 maximum credit 2 units

**Area F. Ethnic Studies (at least 3 units required)**

ETHS 6 Introduction to Race and Ethnicity	SOC 3 Introduction to Race and Ethnicity
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**American Institutions US History, Constitution, and American Ideals (CSU Graduation Requirement - NOT required to certify CSU GE-B)**

Complete 1 group Up to 6 units of these courses may also be applied to GE-B requirements in Area C2 or D if applicable

**Group 1**

HIST 7 US History Through Reconstruction	HIST 8 US History Post-Reconstruction
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**Group 2**

HIST 7 US History Through Reconstruction	HIST 14 History and Amerocan Cultures of California
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**Group 3**

POLI 7 Introduction to American Government and at least 1 of the following:

HIST 7 US History Through Reconstruction	HIST 25 American Indian History
HIST 8 US History Post-Reconstruction	HIST 32 U.S. Women's History

**FAQS: Frequency Asked Questions about CSU GE-B**
**Q What is the California State University General Education-Breadth (CSU GE-B)?**

**A** CSU GE-B is a general education pattern which community college transfer students can follow to fulfill lower-division general education requirements for the CSU systems.

**Q Is CSU GE-B an admission requirement?**

**A** NO. If appropriate for the major, students may complete the minimum eligibility requirements for admission to a CSU – see a counselor for details and advisement.

**Q Can I use Advanced Placement (AP), International Baccalaureate (IB), and College Level Examination Program (CLEP) exams for CSU GE-B?**

**A** YES. AP, IB, and CLEP exams may be applied to CSU GE-B with passing scores. For details, see the AP, IB, and CLEP Charts in the LPC Catalog. However, application of AP, IB, and CLEP exams to major requirements can vary at each CSU campus.

**Q What is "CSU GE-B Certification" and how do I request it?**

**A** CSU GE-B certification is the process by which the community college verifies that a student has completed all of the required coursework for the CSU GE-B pattern (39 units and partial completion is possible), which is sent directly to the transfer institution. If CSU GE-B is not certified, students may be subject to the lower-division GE requirements of the campus to which they transfer. Request a CSU GE-B Certification in the Admissions & Records Office at the end of the last semester before transferring.

**Please note that Las Positas and Chabot College DO NOT share CSU GE-B or IGETC patterns. If you are interested in taking a course at Chabot College please be sure to see a counselor.**