

2.00 (C average) or better. In addition, all courses that count toward the basic skills competency requirements and the Associate Degree major or area of emphasis must be satisfactorily completed with grades of A, B, C, or P.

VI. TOTAL UNITS and RESIDENCE REQUIREMENTS

A minimum of 60 degree-applicable units are required to earn local associate degrees. Associate degrees for transfer (ADTs) require a minimum of 60 CSU-transferable units. A minimum of 12 units must be earned at Chaffey College.

Other Requirements for Graduation

I. APPLICATION FOR GRADUATION

Students must file a formal application for graduation through the [Counseling Department](#). Students may graduate at the end of any semester or Summer session. Refer to the [Academic Calendar](#) for application deadline dates.

II. CONTINUOUS ATTENDANCE / CATALOG RIGHTS

The preceding graduation requirements apply to students during the 2022-2023 school year. Students who enrolled at Chaffey prior to Fall 2022 and who have maintained continuous attendance (attendance in at least one semester or two quarters, excluding Summer sessions, each calendar year — January 1 through December 31 — as indicated on a permanent record) at any accredited college, have the option of meeting the current requirements or those in effect at the time continuous attendance at Chaffey began. In the event that required courses have been discontinued, students may petition for course substitution by making an appointment with a counselor in the Counseling Department

Chaffey College General Education Pattern

All students receiving an associate degree shall complete a pattern of general education coursework. Some associate degrees permit the use of the Chaffey College General Education pattern and other degrees, mostly those that provide transfer preparation, require the California State University General Education Breadth (CSU GE Breadth) pattern or the Intersegmental General Education Transfer Curriculum (IGETC) pattern. The specific general education pattern required for each degree is specified in the "Degrees and Certificates" area in the catalog. Students should consult with a counselor to determine which general education pattern is most appropriate for their educational goals.

Students who are qualified to be certified for the CSU GE Breadth pattern or the IGETC pattern also fulfill the Chaffey College General Education pattern.

While a course might satisfy more than one general education requirement, it may not be counted more than once for these purposes. Except where noted in the "Degrees and Certificates" section, a course may be double-counted and used to satisfy both a general education requirement and a major or area of emphasis requirement.

Completion of the Chaffey College General Education pattern requires a minimum of 18 units as distributed on the General Education Requirements for the Associate Degree 2022-2023 pattern, which can be accessed from the [General Education Patterns webpage](#).

California State University General Education Pattern

Description

The CSUGE Certificate of Achievement is designed for students who plan to transfer to one of the campuses of the California State University. Completion of courses for this certificate will assist students to transfer without the need to take additional lower-division general education courses to satisfy university general education requirements. Additional requirements are necessary for individual majors.

Program Learning Outcomes

Upon the successful completion of this program, students should be able to:

1. Demonstrate effective communication and comprehension skills.

2. Demonstrate critical thinking skills in problem-solving across the disciplines and in daily life.
3. Demonstrate knowledge of significant social, cultural, environmental and aesthetic perspectives.
4. Assess their knowledge skills and abilities.
5. Set personal, educational, and career goals.
6. Work independently and in group settings.
7. Demonstrate computer literacy.
8. Cultivate self-reliance, financial literacy, and physical and social health.

Program Requirements

Each candidate for the bachelor's degree from a CSU institution shall complete a pattern of General Education courses, which total a minimum of 48 semester units. Chaffey College may certify a maximum of 39 semester units toward meeting this requirement; the remaining 9 semester units must be completed at the CSU upper division level.

Full general education certification from Chaffey College requires a minimum of 39 units distributed as follows:

- **Area A:** 9 units required
- **Areas B, C and D:** 9 units are required in each area
- **Area E:** 3 units required

To meet the CSU-GE Breadth Certification requirements, courses in Areas A1, A2, A3, and B4 must be completed with a "C" or better.

Each course may be used in only one area of CSU-GE certification and must be on the approved list in the year completed. The following Chaffey College courses meet this pattern:

AREA A: English Language Communication and Critical Thinking **Units: 9.00** **A1 - Oral Communication (one course):**

COMSTD 2	Fundamentals of Effective Speaking	3.00
COMSTD 4	Fundamentals of Interpersonal Communication	3.00
COMSTD 6	Fundamentals of Small Group Communication	3.00
COMSTD 8	Fundamentals of Speech Communication	3.00

A2 - Written Communication:

ENGL 1A	Composition	3.00
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A3 - Critical Thinking (one course):

COMSTD 72	Logic and Argumentation	3.00
ENGL 1B	Advanced Composition and Critical Thinking	3.00
PHIL 75	Symbolic Logic	3.00
PHIL 76	Critical Thinking	3.00

AREA B: Scientific Inquiry and Quantitative Reasoning **Units: 9.00**

Choose at least one course from each area. At least one of the physical science (B1) or life science (B2) courses must have a laboratory.

B1 - Physical Science (one course):

ASTRON 26	Stars and Galaxies	3.00
ASTRON 27	Life in the Universe ¹	3.00
ASTRON 35	Planets and the Solar System with Lab*	4.00

CHEM 7	Chemistry in Everyday Life with Lab*	4.00
CHEM 8	Chemistry in Society	3.00
CHEM 9	Health Science Chemistry*	5.00
CHEM 10	Introductory Chemistry*	4.00
CHEM 12	Elementary Organic and Biochemistry* ²	4.00
CHEM 24A	General Chemistry I*	5.00
CHEM 24B	General Chemistry II*	5.00
CHEM 70	Quantitative Analysis*	4.00
CHEM 76A	Organic Chemistry I*	4.00
CHEM 76B	Organic Chemistry II*	4.00
<i>Either:</i>		
ESC 1	Earth Science	3.00
<i>Or:</i>		
ESC 1	Earth Science	3.00
AND		
ESC 1L	Earth Science Laboratory*	1.00
<i>Either:</i>		
ESC 5	Oceanography	3.00
<i>Or:</i>		
ESC 5	Oceanography	3.00
AND		
ESC 5L	Oceanography Laboratory*	1.00
GEOG 2	Global Climate Change: An Introduction to Weather and Climate	3.00
<i>Either:</i>		
GEOG 4	Physical Geography	3.00
<i>Or:</i>		
GEOG 4	Physical Geography	3.00
AND		
GEOG 5	Physical Geography Laboratory*	1.00
GEOG 6	Environmental Geography ³	3.00
GEOL 1	Physical Geology*	4.00
GEOL 2	Historical Geology*	4.00
PHSCI 10	Survey of Chemistry and Physics*	4.00
<i>Either:</i>		
PHYS 5	The Ideas of Physics	3.00
<i>Or:</i>		
PHYS 5	The Ideas of Physics	3.00
AND		
PHYS 6	The Ideas of Physics Laboratory*	1.00
PHYS 20A	Algebra/Trigonometry College Physics I*	4.00
PHYS 20B	Algebra/Trigonometry College Physics II*	4.00
PHYS 30A	Physics for the Medical and Life Sciences I*	4.00
PHYS 30B	Physics for the Medical and Life Sciences II*	4.00
PHYS 44	Introduction to Motion* ²	4.00
PHYS 45	Physics for Scientists and Engineers I*	5.00
PHYS 46	Physics for Scientists and Engineers II*	5.00

PHYS 47	Physics for Scientists and Engineers III*	5.00
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¹Effective Fall 2017

²Effective Spring 2007

³Effective Spring 2005

B2 - Life Science (one course):

<i>Either:</i>		
ANTHRO 1	Introduction to Biological Anthropology	3.00
<i>Or:</i>		
ANTHRO 1	Introduction to Biological Anthropology	3.00
AND		
ANTHRO 1L	Laboratory for Biological Anthropology*	1.00
BIOL 1	General Biology*	4.00
BIOL 2	Environmental Science*	4.00
BIOL 3	California Environmental Issues*	4.00
BIOL 10	Concepts in Biology	3.00
BIOL 12	Introduction to Human Genetics	3.00
BIOL 20	Human Anatomy*	4.00
BIOL 22	Human Physiology*	4.00
<i>Either:</i>		
BIOL 23	General Microbiology	3.00
<i>Or:</i>		
BIOL 23	General Microbiology	3.00
AND		
BIOL 23L	General Microbiology Laboratory*	2.00
BIOL 40	Introduction to Cell and Molecular Biology*	4.00
BIOL 62	Biology of Organisms*	5.00
BIOL 63	Evolutionary Ecology*	4.00
GEOG 6	Environmental Geography	3.00

B3 - Laboratory Activity:

This requirement is satisfied by completion of any laboratory course in B1 or B2. Courses with a laboratory are identified with an asterisk (*).

B4 - Mathematics (one course):

ACCTGFS 30	Personal Finance	3.00
COMPSCI 4	Discrete Structures	3.00
MATH 4	Mathematical Concepts for Elementary School Teachers	4.00
MATH 25	College Algebra	4.00
MATH 31	Plane Trigonometry	4.00
MATH 60	Calculus for Business	4.00
MATH 61	Pre-Calculus	4.00
MATH 65A	Calculus I	4.00
MATH 65B	Calculus II	4.00
MATH 75	Calculus III	5.00
MATH 81	Linear Algebra ¹	4.00

MATH 85	Differential Equations	4.00
SCSCI 10	Statistics for Social Science	4.00
STAT 10	Elementary Statistics	4.00

¹Effective Fall 2003

AREA C: Arts and Humanities

Units: 9.00

Choose at least one course from each area.

C1 - Arts (at least one course):

ART 10	Fundamentals of Design in Two Dimensions	4.00
ART 12	Fundamentals of Design in Three Dimensions	4.00
ART 14	Introduction to Drawing	3.00
ART 15	Color Theory ¹	3.00
ART 16	Introduction to Painting	3.00
ART 18	Introduction to Ceramics	3.00
ART 20	Ceramic Sculpture	4.00
ART 44	Mixed-Media Studio and Theory	3.00
ART 50	Introduction to Sculpture	4.00
ARTH 3	Survey of Western Art from Prehistory through the Middle Ages	3.00
ARTH 5	Survey of Western Art from Renaissance to Contemporary	3.00
ARTH 7	Arts of Africa, Oceania, and Indigenous North America	3.00
ARTH 9	Art of the Ancient Americas	3.00
ARTH 11	Survey of Asian Arts	3.00
ARTH 19	Contemporary Art: 1945-Present	3.00
CINEMA 25	Survey of World Cinemas	3.00
CINEMA 26	Survey of American Cinema	3.00
COMSTD 14	Oral Interpretation of Literature	3.00
DANCE 1	Survey of Dance	3.00
DANCE 12	Introduction to Dance ²	3.00
FASHD 20	History of Fashion	3.00
FASHD 45	Design Fundamentals for Fashion	3.00
ID 11	History of Architecture and Interiors I	3.00
ID 12	History of Architecture and Interiors II	3.00
MUSIC 2A	Music History and Literature	3.00
MUSIC 2B	Music History and Literature	3.00
MUSIC 4	Music Appreciation	3.00
MUSIC 5	Music Theory and Musicianship I	4.00
MUSIC 21	History of Jazz	3.00
MUSIC 22	History and Survey of Rock Music ³	3.00
MUSIC 26	World Music	3.00
PHOTO 1	History of Photography	3.00
PHOTO 7	Beginning Digital Photography ⁴	4.00
PHOTO 10	Beginning Darkroom Photography	4.00
THEATRE 1	Introduction to Theatre	3.00
THEATRE 4	Theatre History: Ancient to 1700	3.00
THEATRE 5	Theatre History: 1700-present	3.00
THEATRE 10	Beginning Acting	3.00
THEATRE 12	Intermediate Acting	3.00

- ¹Effective Fall 2015
²Effective Fall 2019
³Effective Spring 2006
⁴Effective Fall 2018

C2 - Humanities (at least one course)

ARABIC 1	Elementary Modern Standard Arabic I	4.00
ARABIC 2	Elementary Modern Standard Arabic II	4.00
ARABIC 3	Intermediate Modern Standard Arabic	4.00
ARABIC 4	Intermediate Modern Standard Arabic	4.00
ASL 1	Elementary American Sign Language I ¹	4.00
ASL 2	Elementary American Sign Language II	4.00
ASL 3	Intermediate American Sign Language III	4.00
ASL 4	Intermediate American Sign Language IV	4.00
CHIN 1	Elementary Mandarin Chinese I	4.00
CHIN 2	Elementary Mandarin Chinese II	4.00
CHIN 3	Intermediate Mandarin Chinese I	4.00
CHIN 4	Intermediate Mandarin Chinese II	4.00
CHIN 18	Chinese Civilization and Culture	3.00
ENGL 1C	Introduction to Literature	3.00
ENGL 7A	Creative Writing: Short Fiction ²	3.00
ENGL 7B	Creative Writing: Fiction ²	3.00
ENGL 7D	Creative Writing: Poetry ²	3.00
ENGL 7E	Creative Writing: Nonfiction ²	3.00
ENGL 32	Introduction to the Novel	3.00
ENGL 33	Introduction to Poetry	3.00
ENGL 68	Mythology	3.00
ENGL 70A	World Literature I	3.00
ENGL 70B	World Literature II	3.00
ENGL 73	LGBT Literature ³	3.00
ENGL 74	Asian-American Literature	3.00
ENGL 75A	American Literature	3.00
ENGL 75B	American Literature	3.00
ENGL 76	African-American Literature	3.00
ENGL 77	Latino Literature	3.00
ENGL 79	Native American Literatures	3.00
ENGL 80A	Survey of British Literature I	3.00
ENGL 80B	Survey of British Literature II	3.00
ENGL 81	Shakespeare	3.00
FR 1	Elementary French I	4.00
FR 2	Elementary French II	4.00
HIST 1	World History: Pre-Civilization to 1500	3.00
HIST 2	World History: 1500 to Present	3.00
HIST 4	History of Slavery ¹	3.00
HIST 7	History of the Middle East	3.00
HIST 12	Asian American History	3.00
HIST 16	Westward Movement and the Indian Wars 1840-90 ¹	3.00
HIST 20	History of the United States from 1945-Present	3.00
HIST 21	The Sixties in American History ⁴	3.00
HIST 25	Women in United States History	3.00
HIST 37	California History	3.00

HIST 40	Retrospective of World War II ⁵	3.00
HUMAN 5	Arts and Ideas: Antiquity to Renaissance	3.00
HUMAN 6	Arts and Ideas: Renaissance to Modern	3.00
HUMAN 20	The Holocaust: History and Philosophy	3.00
PHIL 70	Introduction to Philosophy	3.00
PHIL 71	Philosophy of Feminism ⁶	3.00
PHIL 72	Seminar in Ethics	3.00
PHIL 73	Seminar in Contemporary American Philosophy	3.00
PHIL 77	History of Ancient Philosophy	3.00
PHIL 78	History of Philosophy: Modern	3.00
PHIL 79	Philosophy of Consciousness ⁷	3.00
PHIL 80	Introduction to Religion	3.00
PHIL 81	Introduction to Eastern Philosophy	3.00
PHIL 82	Introduction to Monotheistic Religions: Judaism/Christianity/Islam	3.00
SPAN 1	Elementary Spanish I	4.00
SPAN 2	Elementary Spanish II	4.00
SPAN 3	Intermediate Spanish I	4.00
SPAN 3SS	Spanish for Heritage Speakers I	4.00
SPAN 4	Intermediate Spanish II	4.00
SPAN 4SS	Spanish for Heritage Speakers II	4.00
SPAN 8	Survey of Hispanic Literature: 1700 - Present	3.00
SPAN 9	Cultural Awareness through Conversation	3.00
SPAN 13	Survey of Mexican Literature	3.00
SPAN 14	Latin American Literature	3.00

¹Effective Fall 2003

²Effective Spring 2018

³Effective Fall 2020

⁴Effective Fall 2011

⁵Effective Spring 2006

⁶Effective Fall 2017

⁷Effective Fall 2018

AREA D: Social Sciences

Units: 9.00

Choose courses from at least two different disciplines:

ANTHRO 2	Introduction to Archaeology	3.00
ANTHRO 3	Introduction to Social and Cultural Anthropology	3.00
ASL 18	Introduction to Deaf Studies	3.00
BUSL 10	Introduction to Law and the Legal Process ¹	3.00
CDE 2	Child Growth and Development	3.00
CDE 4	Child, Family, and Community	3.00
CDE 6	Teaching in a Diverse Society	3.00
CJ 1	Introduction to the Criminal Justice System ²	3.00
CJ 55	Crime and Delinquency ³	3.00
CJ 58	Social Equity and the Criminal Justice System ³	3.00
COMSTD 12	Mass Communication and Society	3.00
COMSTD 74	Intercultural Communication	3.00
COMSTD 76	Gender and Communication	3.00

COMSTD 78	Family Communication	3.00
ECON 1	Introduction to Economics	3.00
ECON 2	Principles of Macroeconomics	3.00
ECON 4	Principles of Microeconomics	3.00
ECON 7	Economic History of the United States ³	3.00
ECON 8	History of Economic Ideas	3.00
GEOG 1	World Regional Geography	3.00
GEOG 3	Geography of California	3.00
GEOG 11	Human Geography ⁵	3.00
GERO 11	Introduction to Gerontology	3.00
GERO 18	Aging and the Life Course	3.00
GERO 22	Dying and Death	3.00
GERO 23	Aging and Older Adulthood	3.00
HIST 1	World History: Pre-Civilization to 1500	3.00
HIST 2	World History: 1500 to Present	3.00
HIST 4	History of Slavery ²	3.00
HIST 5	Early Western Civilizations	3.00
HIST 6	Modern Western Civilizations	3.00
HIST 7	History of the Middle East	3.00
HIST 9	History of Asian Civilizations I	3.00
HIST 10	History of Asian Civilizations II	3.00
HIST 12	Asian American History	3.00
HIST 16	Westward Movement and the Indian Wars 1840-90	3.00
HIST 17	United States History through 1877	3.00
HIST 18	United States History from 1865	3.00
HIST 19	History of Ethnic Relations in the United States	3.00
HIST 20	History of the United States from 1945-Present	3.00
HIST 21	The Sixties in American History ⁴	3.00
HIST 37	California History	3.00
HIST 40	Retrospective of World War II ⁵	3.00
HIST 50	African-American History I	3.00
HIST 51	African-American History II	3.00
HIST 70	Chicanos: The Common History of Mexico and the US	3.00
HIST 71	Chicanos: The Chicano Minority in the United States	3.00
PS 1	American Politics	3.00
PS 2	Introduction to Political Science	3.00
PS 3	California Politics and Culture ⁶	3.00
PS 4	Political Theory	3.00
PS 7	International Relations	3.00
PS 10	Comparative Politics	3.00
PS 21	Urban Politics ⁶	3.00
PS 25	Latino Politics	3.00
PS 32	Law and Society ⁶	3.00
PSYCH 1	Introduction to Psychology	3.00
PSYCH 20	Developmental Psychology: Childhood and Adolescence	3.00
PSYCH 25	Developmental Psychology: Lifespan Development	3.00
PSYCH 65	Social Psychology	3.00
PSYCH 80	Research Methods in Psychology ⁷	4.00
SOC 10	Introduction to Sociology	3.00
SOC 14	Sociology of Gender	3.00
SOC 15	Ethnic and Race Relations: U.S. and Global Perspectives ⁸	3.00
SOC 16	Marriage, Family and Relationships ⁹	3.00

SOC 17	Sociology of Crime ¹⁰	3.00
SOC 18	Sociology of Aging	3.00
SOC 25	Introduction to Chicano/Latino Studies in the United States	3.00
SOC 26	Introduction to Latin American Societies	3.00
SOC 30	Introduction to LGBTQ Studies	3.00
SOC 32	Introduction to Women Studies	3.00
SOC 33	Introduction to Social Justice Studies	3.00
SOC 70	Social Problems	3.00
SOC 80	Introduction to Research Methods in Sociology ¹¹	4.00

¹Effective Fall 2019

³Effective Fall 2017

²Effective Fall 2003

⁴Effective Fall 2011

⁵Effective Spring 2006

⁶Effective Fall 2012

⁷Effective Fall 2020

⁸Effective Spring 2005

⁹Effective Spring 2007

¹⁰Effective Fall 2021

¹¹Effective Fall 2015

AREA E: Lifelong Learning and Self-Development (one course)

Units: 3.00

Veterans may meet Area E requirements via DD-214.

BIOL 14	Health Science	3.00
CDE 2	Child Growth and Development ¹	3.00
GERO 22	Dying and Death	3.00
GUID 3	Career Exploration and Life Planning	3.00
KINLEC 15	Diet and Fitness	3.00
KINLEC 18	Introduction to Kinesiology ²	3.00
KINLEC 32	Outdoor Adventures ³	2.00
NF 5	Nutrition for Life	3.00
NF 15	Nutrition I: Introduction to Nutrition Science	3.00
NF 22	Nutrition and the Active Person	3.00
PSYCH 5	Personal and Social Awareness	3.00
PSYCH 25	Developmental Psychology: Lifespan Development	3.00
SCSCI 17	Human Sexuality	3.00
SOC 16	Marriage, Family and Relationships	3.00

¹Effective Fall 2005

²Effective Fall 2019

³Plus any 1 unit KINACT course; Effective Fall 2019

CSU Graduation Requirement in U.S. History, Constitution, and American Ideals

May be completed prior to transfer. At the discretion of each CSU, these courses may also count for CSU-GE certification. This requirement may be met by a combination of the following courses. See a counselor for details.

US 1: Historical Development of American Institutions & Ideals

HIST 17	United States History through 1877	3.00
OR		
HIST 18	United States History from 1865	3.00

US 2: U.S. Constitution and Government

PS 1	American Politics ¹	3.00
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¹Also satisfies US 3

US 3: California State and Local Government

HIST 37	California History	3.00
OR		
PS 1	American Politics ²	3.00

²Also satisfies US 2

Total: 39.00

Other Information

N/A - Not Applicable
 Local Program (Major) Code: T001/X007A
 Program Control Number: 30503
 TOP Code: 4901.10
 CIP Code: 24.0101

Intersegmental General Education Transfer Curriculum: UC or CSU Pattern

Description

The IGETC Certificate of Achievement is designed for students intending to transfer to either the California State University or the University of California. Completion of courses for this certificate allows students to transfer without the need, after transfer, to take additional lower-division general education courses to satisfy university general education requirements. Additional requirements are necessary for individual majors. The University of California does not accept IGETC for certain majors and/or at individual colleges within a UC campus. Depending on the major/field of interest, students may find it advantageous to take courses fulfilling either the CSU's General Education requirements or those of the UC campus or college to which they plan to transfer. Please see a counselor for further information regarding this certificate.

- IGETC-CSU certification requires successful completion of a course in Area 1, Group C - Oral Communication.
- Verified competency in a Language Other Than English (LOTE) is required only for a IGETC-UC certification. Upon successful completion of required courses/competencies, the certificate will be awarded for IGETC-CSU and/or IGETC-UC.
- All courses must be completed with grades of C or better, be a minimum of three semester units, and be on the IGETC list in the year the student takes the course (i.e. students entering in Fall 2021 must follow the 2021-2022 or later IGETC requirements).

Program Learning Outcomes

Upon the successful completion of this program, students should be able to:

1. Demonstrate effective communication and comprehension skills.

2. Demonstrate critical thinking skills in problem-solving across the disciplines and in daily life.
3. Demonstrate knowledge of significant social, cultural, environmental and aesthetic perspectives.
4. Assess their knowledge skills and abilities.
5. Set personal, educational, and career goals.
6. Work independently and in group settings.
7. Demonstrate computer literacy.
8. Cultivate self-reliance, financial literacy, and physical and social health.

Program Requirements

IGETC-CSU certification requires successful completion of a course in Area 1, Group C - Oral Communication.

Verified competency in a Language Other Than English (LOTE) is required only for a IGETC-UC certification. Upon successful completion of required courses/competencies, the certificate will be awarded for IGETC-CSU and/or IGETC-UC.

All courses must be completed with grades of C or better, be a minimum of three semester units, and be on the IGETC list in the year the student takes the course (i.e. students entering in Fall 2021 must follow the 2021-2022 or later IGETC requirements).

Partial IGETC certification is allowed with a maximum of two courses missing, which have to be completed after transfer. Students need Areas 1 and 2 of the transfer curriculum completed to meet minimum transfer admission requirements. Partial certification acknowledging a deficiency in Area 1 and/or Area 2 may also indicate a student does not meet the minimum transfer requirements. IGETC for STEM is a separate IGETC track for students completing an associate degree for transfer (ADT) that permits the use of IGETC for STEM. The IGETC for STEM pattern allows students to transfer to a CSU with partial IGETC certification with one remaining course in each of Areas 3 and 4, and to transfer to a UC with one remaining course in each of Areas 3, 4, and 6. Minimum coursework distribution is still required as noted in each area. The remaining courses will need to be completed after transfer.

AREA 1: English Communication **Units: 6.00-9.00**

Group A: English Composition (Required CSU/UC)

ENGL 1A	Composition	3.00
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Group B: Critical Thinking-English Composition (Required CSU/UC)

ENGL 1B	Advanced Composition and Critical Thinking	3.00
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Group C: Oral Communication (Required CSU only - one course)

COMSTD 2	Fundamentals of Effective Speaking	3.00
COMSTD 6	Fundamentals of Small Group Communication	3.00
COMSTD 8	Fundamentals of Speech Communication	3.00

AREA 2: Mathematical Concepts and Quantitative Reasoning (Required CSU/UC - one course) **Units: 4.00-5.00**

COMPSCI 4	Discrete Structures	3.00
MATH 25	College Algebra ¹	4.00
MATH 60	Calculus for Business	4.00
MATH 61	Pre-Calculus	4.00
MATH 65A	Calculus I	4.00
MATH 65B	Calculus II	4.00
MATH 75	Calculus III	5.00
MATH 81	Linear Algebra	4.00

MATH 85	Differential Equations	4.00
SCSCI 10	Statistics for Social Science ¹	4.00
STAT 10	Elementary Statistics	4.00

¹Effective Fall 2003

AREA 3: Arts and Humanities (Required CSU/UC)

Units: 9.00-12.00

Three courses. Choose at least one course from each area.

A - Arts (at least one course):

ART 50	Introduction to Sculpture	4.00
ARTH 3	Survey of Western Art from Prehistory through the Middle Ages	3.00
ARTH 5	Survey of Western Art from Renaissance to Contemporary	3.00
ARTH 7	Arts of Africa, Oceania, and Indigenous North America	3.00
ARTH 9	Art of the Ancient Americas	3.00
ARTH 11	Survey of Asian Arts	3.00
ARTH 19	Contemporary Art: 1945-Present	3.00
CINEMA 25	Survey of World Cinemas	3.00
CINEMA 26	Survey of American Cinema	3.00
DANCE 1	Survey of Dance	3.00
DANCE 12	Introduction to Dance ¹	3.00
MUSIC 2A	Music History and Literature	3.00
MUSIC 2B	Music History and Literature	3.00
MUSIC 4	Music Appreciation	3.00
MUSIC 5	Music Theory and Musicianship I	4.00
MUSIC 21	History of Jazz ²	3.00
MUSIC 22	History and Survey of Rock Music ³	3.00
MUSIC 26	World Music ²	3.00
PHOTO 1	History of Photography ¹	3.00
PHOTO 10	Beginning Darkroom Photography ¹	4.00
THEATRE 1	Introduction to Theatre	3.00
THEATRE 4	Theatre History: Ancient to 1700	3.00
THEATRE 5	Theatre History: 1700-present	3.00

¹Effective Fall 2019

²Effective Spring 2007

³Effective Spring 2006

B - Humanities (at least one course):

ARABIC 3	Intermediate Modern Standard Arabic	4.00
ARABIC 4	Intermediate Modern Standard Arabic	4.00
ASL 3	Intermediate American Sign Language III	4.00
ASL 4	Intermediate American Sign Language IV	4.00
CHIN 3	Intermediate Mandarin Chinese I	4.00
CHIN 4	Intermediate Mandarin Chinese II	4.00
CHIN 18	Chinese Civilization and Culture ¹	3.00
ENGL 1C	Introduction to Literature	3.00
ENGL 32	Introduction to the Novel	3.00

ENGL 33	Introduction to Poetry	3.00
ENGL 68	Mythology	3.00
ENGL 70A	World Literature I	3.00
ENGL 70B	World Literature II	3.00
ENGL 73	LGBT Literature ²	3.00
ENGL 74	Asian-American Literature ³	3.00
ENGL 75A	American Literature	3.00
ENGL 75B	American Literature	3.00
ENGL 76	African-American Literature	3.00
ENGL 77	Latino Literature	3.00
ENGL 79	Native American Literatures	3.00
ENGL 80A	Survey of British Literature I	3.00
ENGL 80B	Survey of British Literature II	3.00
ENGL 81	Shakespeare	3.00
HIST 1	World History: Pre-Civilization to 1500	3.00
HIST 2	World History: 1500 to Present	3.00
HIST 4	History of Slavery ³	3.00
HIST 5	Early Western Civilizations	3.00
HIST 6	Modern Western Civilizations	3.00
HIST 7	History of the Middle East	3.00
HIST 9	History of Asian Civilizations I	3.00
HIST 10	History of Asian Civilizations II	3.00
HIST 12	Asian American History	3.00
HIST 16	Westward Movement and the Indian Wars 1840-90 ³	3.00
HIST 20	History of the United States from 1945-Present	3.00
HIST 21	The Sixties in American History ²	3.00
HIST 25	Women in United States History	3.00
HIST 40	Retrospective of World War II ⁴	3.00
HIST 50	African-American History I	3.00
HIST 51	African-American History II	3.00
HIST 70	Chicanos: The Common History of Mexico and the US	3.00
HIST 71	Chicanos: The Chicano Minority in the United States	3.00
HUMAN 5	Arts and Ideas: Antiquity to Renaissance	3.00
HUMAN 6	Arts and Ideas: Renaissance to Modern	3.00
HUMAN 20	The Holocaust: History and Philosophy	3.00
PHIL 70	Introduction to Philosophy	3.00
PHIL 71	Philosophy of Feminism ²	3.00
PHIL 72	Seminar in Ethics	3.00
PHIL 73	Seminar in Contemporary American Philosophy	3.00
PHIL 77	History of Ancient Philosophy	3.00
PHIL 78	History of Philosophy: Modern	3.00
PHIL 79	Philosophy of Consciousness ²	3.00
PHIL 80	Introduction to Religion	3.00
PHIL 81	Introduction to Eastern Philosophy	3.00
PHIL 82	Introduction to Monotheistic Religions: Judaism/Christianity/Islam	3.00
PHOTO 1	History of Photography ²	3.00
SPAN 3	Intermediate Spanish I	4.00
SPAN 4	Intermediate Spanish II	4.00
SPAN 8	Survey of Hispanic Literature: 1700 - Present	3.00
SPAN 13	Survey of Mexican Literature	3.00
SPAN 14	Latin American Literature	3.00

- ¹Effective Fall 2016
²Effective Fall 2019
³Effective Fall 2003
⁴Effective Spring 2006

AREA 4: Social and Behavioral Sciences (Required CSU/UC)

Units: 9.00

Choose three courses from at least two different disciplines:

ANTHRO 2	Introduction to Archaeology	3.00
ANTHRO 3	Introduction to Social and Cultural Anthropology	3.00
ASL 18	Introduction to Deaf Studies	3.00
BUSL 10	Introduction to Law and the Legal Process ¹	3.00
CDE 2	Child Growth and Development	3.00
CDE 4	Child, Family, and Community	3.00
COMSTD 12	Mass Communication and Society	3.00
COMSTD 74	Intercultural Communication	3.00
ECON 1	Introduction to Economics	3.00
ECON 2	Principles of Macroeconomics	3.00
ECON 4	Principles of Microeconomics	3.00
ECON 7	Economic History of the United States	3.00
ECON 8	History of Economic Ideas	3.00
GEOG 1	World Regional Geography ²	3.00
GEOG 3	Geography of California	3.00
GEOG 11	Human Geography ³	3.00
GERO 18	Aging and the Life Course	3.00
HIST 4	History of Slavery ⁴	3.00
HIST 5	Early Western Civilizations	3.00
HIST 6	Modern Western Civilizations	3.00
HIST 7	History of the Middle East	3.00
HIST 9	History of Asian Civilizations I	3.00
HIST 10	History of Asian Civilizations II	3.00
HIST 12	Asian American History	3.00
HIST 16	Westward Movement and the Indian Wars 1840-90 ⁴	3.00
HIST 17	United States History through 1877	3.00
HIST 18	United States History from 1865	3.00
HIST 19	History of Ethnic Relations in the United States	3.00
HIST 20	History of the United States from 1945-Present	3.00
HIST 21	The Sixties in American History ⁵	3.00
HIST 37	California History	3.00
HIST 40	Retrospective of World War II ³	3.00
HIST 50	African-American History I	3.00
HIST 51	African-American History II	3.00
HIST 70	Chicanos: The Common History of Mexico and the US	3.00
HIST 71	Chicanos: The Chicano Minority in the United States	3.00
PS 1	American Politics	3.00
PS 2	Introduction to Political Science	3.00
PS 4	Political Theory	3.00
PS 7	International Relations	3.00
PS 10	Comparative Politics	3.00
PS 21	Urban Politics ⁶	3.00

PS 25	Latino Politics	3.00
PS 32	Law and Society ⁶	3.00
PSYCH 1	Introduction to Psychology	3.00
PSYCH 20	Developmental Psychology: Childhood and Adolescence	3.00
PSYCH 25	Developmental Psychology: Lifespan Development	3.00
PSYCH 65	Social Psychology	3.00
PSYCH 80	Research Methods in Psychology ⁷	4.00
SOC 10	Introduction to Sociology	3.00
SOC 14	Sociology of Gender	3.00
SOC 15	Ethnic and Race Relations: U.S. and Global Perspectives ⁸	3.00
SOC 16	Marriage, Family and Relationships ²	3.00
SOC 17	Sociology of Crime ⁹	3.00
SOC 18	Sociology of Aging	3.00
SOC 25	Introduction to Chicano/Latino Studies in the United States	3.00
SOC 26	Introduction to Latin American Societies	3.00
SOC 30	Introduction to LGBTQ Studies ⁵	3.00
SOC 32	Introduction to Women Studies	3.00
SOC 33	Introduction to Social Justice Studies ⁵	3.00
SOC 70	Social Problems	3.00
SOC 80	Introduction to Research Methods in Sociology ⁷	4.00

¹Effective Fall 2016

²Effective Spring 2007

³Effective Spring 2006

⁴Effective Fall 2003

⁵Effective Fall 2019

⁶Effective Fall 2012

⁷Effective Fall 2015

⁸Effective Spring 2005

⁹Effective Fall 2021

AREA 5: Physical and Biological Sciences (Required CSU/UC)

Units: 7.00-10.00

Two courses. Choose one from each area, one of which must include a laboratory.

A - Physical Sciences (one course):

ASTRON 26	Stars and Galaxies	3.00
ASTRON 27	Life in the Universe ¹	3.00
ASTRON 35	Planets and the Solar System with Lab [*]	4.00
CHEM 7	Chemistry in Everyday Life with Lab ^{*2}	4.00
CHEM 8	Chemistry in Society ³	3.00
CHEM 9	Health Science Chemistry [*]	5.00
CHEM 10	Introductory Chemistry [*]	4.00
CHEM 12	Elementary Organic and Biochemistry ^{*3}	4.00
CHEM 24A	General Chemistry I [*]	5.00
CHEM 24B	General Chemistry II [*]	5.00
CHEM 70	Quantitative Analysis [*]	4.00
CHEM 76A	Organic Chemistry I [*]	4.00
CHEM 76B	Organic Chemistry II [*]	4.00

Either:

ESC 1	Earth Science	3.00
<i>Or:</i>		
ESC 1	Earth Science	3.00
AND		
ESC 1L	Earth Science Laboratory*	1.00
<i>Either:</i>		
ESC 5	Oceanography ³	3.00
<i>Or:</i>		
ESC 5	Oceanography ³	3.00
AND		
ESC 5L	Oceanography Laboratory ^{*3}	1.00
GEOG 2	Global Climate Change: An Introduction to Weather and Climate	3.00
<i>Either:</i>		
GEOG 4	Physical Geography	3.00
<i>Or:</i>		
GEOG 4	Physical Geography	3.00
AND		
GEOG 5	Physical Geography Laboratory*	1.00
GEOG 6	Environmental Geography ⁴	3.00
GEOL 1	Physical Geology*	4.00
GEOL 2	Historical Geology*	4.00
PHSCI 10	Survey of Chemistry and Physics*	4.00
<i>Either:</i>		
PHYS 5	The Ideas of Physics	3.00
<i>Or:</i>		
PHYS 5	The Ideas of Physics	3.00
AND		
PHYS 6	The Ideas of Physics Laboratory*	1.00
PHYS 20A	Algebra/Trigonometry College Physics I*	4.00
PHYS 20B	Algebra/Trigonometry College Physics II*	4.00
PHYS 30A	Physics for the Medical and Life Sciences I*	4.00
PHYS 30B	Physics for the Medical and Life Sciences II*	4.00
PHYS 44	Introduction to Motion ^{*3}	4.00
PHYS 45	Physics for Scientists and Engineers I*	5.00
PHYS 46	Physics for Scientists and Engineers II*	5.00
PHYS 47	Physics for Scientists and Engineers III*	5.00

¹Effective Fall 2019

^{*2}Effective Fall 2016

³Effective Spring 2007

^{*3}Effective Spring 2007

⁴Effective Spring 2005

B - Biological Sciences (one course):

ANTHRO 1	Introduction to Biological Anthropology	3.00
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<i>Either:</i>		
<i>Or:</i>		
ANTHRO 1	Introduction to Biological Anthropology	3.00
AND		
ANTHRO 1L	Laboratory for Biological Anthropology*	1.00
BIOL 1	General Biology*	4.00
BIOL 2	Environmental Science*	4.00
BIOL 10	Concepts in Biology	3.00
BIOL 12	Introduction to Human Genetics	3.00
BIOL 20	Human Anatomy*	4.00
BIOL 22	Human Physiology*	4.00
BIOL 23	General Microbiology	3.00
<i>Either:</i>		
<i>Or:</i>		
BIOL 23	General Microbiology	3.00
AND		
BIOL 23L	General Microbiology Laboratory*	2.00
BIOL 40	Introduction to Cell and Molecular Biology*	4.00
BIOL 62	Biology of Organisms*	5.00
BIOL 63	Evolutionary Ecology*	4.00

C - Laboratory Science:

This requirement is satisfied by completion of any course in 5A or 5B with a laboratory. Courses with a laboratory are identified with an asterisk (*).

AREA 6: Language Other Than English (Required UC only)

Units: 0.00-4.00

Students transferring to the University of California are required to demonstrate competency (proficiency) in a language other than English equal to two years of high school study. Competence may be demonstrated through one of the following mechanisms:

1. Satisfactory completion of two years of high school coursework (U.S. high school or high school where the language of instruction is English) in a language other than English, with a grade of "C-" or better in each course. The two years must be in the same language.
2. Satisfactory completion of a course (or courses) at a college or university with a grade of "C" (2.0) or better in each course.
3. Satisfactory completion, with "C" (2.0) grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English. Appropriate documentation must be presented to substantiate the required coursework was completed.
4. Satisfactory score on the SAT II: Subject Test in languages other than English.
5. Satisfactory score, 3 or higher, on the College Board Advanced Placement examinations in languages 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. If an achievement test is not available, a faculty member associated with a U.S. regionally accredited institution of higher education can verify a student's competency.
9. Language other than English "O" level exam with a grade of "A", "B", or "C".

10. Language other than English International "A" Level exam with a score of 5, 6, or 7.
11. A Defense Language Institute language other than English course which is indicated as passed with a "C" or higher on the official transcript.

Chaffey Courses that meet this requirement are:

ASL 2	Elementary American Sign Language II	4.00
ASL 3	Intermediate American Sign Language III	4.00
ASL 4	Intermediate American Sign Language IV	4.00
ARABIC 2	Elementary Modern Standard Arabic II	4.00
ARABIC 3	Intermediate Modern Standard Arabic	4.00
ARABIC 4	Intermediate Modern Standard Arabic	4.00
CHIN 2	Elementary Mandarin Chinese II	4.00
CHIN 3	Intermediate Mandarin Chinese I	4.00
CHIN 4	Intermediate Mandarin Chinese II	4.00
FR 2	Elementary French II	4.00
SPAN 2	Elementary Spanish II	4.00
SPAN 3	Intermediate Spanish I	4.00
SPAN 3SS	Spanish for Heritage Speakers I	4.00
SPAN 4	Intermediate Spanish II	4.00
SPAN 4SS	Spanish for Heritage Speakers II	4.00

CSU Graduation Requirement in U.S. History, Constitution, and American Ideals

NOT a requirement for a UC. May be completed prior to transfer to a CSU. At the discretion of each CSU, these courses may also count for IGETC certification. See a counselor for details.

US 1: Historical Development of American Institutions & Ideals

HIST 17	United States History through 1877	3.00
OR		
HIST 18	United States History from 1865	3.00

US 2: U.S. Constitution and Government

PS 1	American Politics ¹	3.00
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¹Also satisfies US 3

US 3: California State and Local Government:

HIST 37	California History	3.00
OR		
PS 1	American Politics ²	3.00

²Also satisfies US 2

Total: 35.00-49.00

Other Information

N/A - Not Applicable