

IGETC, CERTIFICATE OF ACHIEVEMENT

A minimum of a "C" grade is required in each college course for IGETC. A "C" is defined as a minimum of 2.0 grade points on a 4.0 scale. Each course must be at least 3 semester/4–5 quarter units (except Science Lab courses in Area 5C). Courses listed in multiple areas shall not be certified in more than one area except for courses in Language Other Than English, which can be certified in both Areas 3B and 6A.

IGETC Certification must be requested before transferring. See the UC TCA list for details on UC transfer limitations and consult with a counselor for all limitations. Certification is not automatic. See your counselor or the University Transfer Center. Students completing IGETC Certification may also apply for a Certificate of Achievement.

Area 1: English Communication

CSU: Complete three courses, one each from Groups 1A, 1B, and 1C. **UC:** Complete two courses, one each from Groups 1A and 1B.

1A: English Composition (No IB score accepted for this area)

Course ID	Title	Units/Hours
ENGL V01A	Academic Reading and Writing	4

1B: Critical Thinking—English Composition (No AP or IB scores accepted for this area)

Course ID	Title	Units/Hours
ENGL V01B	Critical Thinking and Composition Through Literature	4
ENGL V01C	Critical Thinking and Writing	3
PHIL V05	Critical Thinking and Analytical Writing	3

1C: Oral Communication (CSU requirement ONLY; no AP or IB scores accepted for this area)

Course ID	Title	Units/Hours
COMM V01	Introduction to Speech Communication	3
COMM V03	Group Communication	3
COMM V10	Critical Thinking in Oral Communication: Argumentation and Debate	3
COMM V15	Interpersonal Communication	3

Area 2: Mathematical Concepts and Quantitative Reasoning

Complete one course of at least 3 semester units or 4–5 quarter units.

2A: Math

Course ID	Title	Units/Hours
CS V17	Discrete Structures	3
MATH V04	College Algebra	4
MATH V20	Precalculus Mathematics	5
MATH V21A	Calculus with Analytic Geometry I	5
MATH V21B	Calculus with Analytic Geometry II	5
MATH V21C	Multivariable Calculus	5
MATH V22	Introduction to Linear Algebra	3
MATH V23	Introduction to Differential Equations	3
MATH V40	Exploration of Mathematical Ideas	3
MATH V44		4
MATH V46	Business Calculus	3
MATH V52	Discrete Structures	3
PSY V04	Introductory Statistics for the Social and Behavioral Sciences	4

Area 3: Arts and Humanities

Complete at least three courses, with at least one course from Group 3A and at least one course from Group 3B for a total of 9 semester units or 12–15 quarter units.

3A: Arts

Course ID	Title	Units/Hours
ART V01	Art Appreciation	3
ART V02A	Introduction to the History of Western Art I	3
ART V02B	Introduction to the History of Western Art II	3
ART V02D	Art of the Ancient Mediterranean	3
ART V04	Introduction to Renaissance and Baroque Art	3
ART V05	Introduction to American Art	3
ART V06	Introduction to Modern Art	3
ART V07	Introduction to Women in the Arts	3
ART V08	Introduction to Asian Art	3
ART V09A	Art of the Ancient Americas	3
ART V09B	Introduction to Modern and Contemporary Latin American Art	3
DANC V01	Dance Appreciation	3
DANC V02	Western Concert Dance History	3
ENGL V29A	Aesthetics of Film I	3
ENGL V29B	Aesthetics of Film II	3
FILM V01	Introduction to Media Aesthetics and Cinematic Arts	3
FILM V11	History of International Cinema: World War II to the Present	3
FILM V29A	History of Motion Pictures I	3
FILM V29B	History of Motion Pictures II	3
MUS V03	Introduction to World Music	3
MUS V06	History of Rock and Roll	3
MUS V07	History of Jazz	3

MUS V08	Music Appreciation	3	FREN V02	Elementary French II	5
MUS V09A	Western Music History and Literature I: Antiquity to 1750	3	GERM V02	Elementary German II	5
MUS V09B	Western Music History and Literature II: 1750 to the Present	3	HIST V13		3
PHOT V07	History of Photography	3	HIST V43	United States History: Focus on African Americans to Reconstruction	3
THA V01	Introduction to Theatre	3	HIST V45	United States History: Focus on Native Americans to Reconstruction	3
THA V17A	Musical Theatre History: Ancient Greece to the Golden Age of Musicals	3	HIST V50	United States History: Focus on Asian Americans	3
THA V17B	Musical Theatre History: 1960s to Present Day	3	HIST V51	United States History: Focus on African Americans Since Reconstruction	3
THA V20	Costume Design and History	3	HIST V55	United States History: Focus on Native Americans Since the Civil War	3
THA V28	Introduction to Cinema	3	HIST V70	Introduction to Western Civilization to the Scientific Revolution	3
THA V29A	History of Motion Pictures I	3	HIST V73		3
THA V29B	History of Motion Pictures II	3	HIST V76	World History to 1550	3

3B: Humanities

Course ID	Title	Units/Hours	Course ID	Title	Units/Hours
AES V01		3	HIST V79	Introduction to the History of East Asia	3
AES V02A		3	HIST V82	Introduction to Western Civilization since the Scientific Revolution	3
AES V02B		3	HIST V83		3
AES V03		3	HIST V86	World History Since 1500	3
AES V20		3	HIST V87		3
AES V40A		3	ITAL V02	Elementary Italian II	5
AES V40B		3	JAPN V02	Elementary Japanese II	5
AES V41		3	PHIL V01	Introduction to Philosophy	3
AES V42A		3	PHIL V02	Introduction to Ethics	3
AES V42B		3	PHIL V09	Zen Buddhism	3
AES V63		3	PHIL V10	World Mythology	3
ANTH V04	Native Peoples of North America	3	PHIL V12	Introduction to Religion	3
CHST V01	Introduction to Chicano Studies	3	PHIL V14	Confucianism and Taoism	3
CHST V03	Chicana Contemporary Issues	3	PHIL V15	Teachings of Jesus in Comparative Perspective	3
ENGL V01B	Critical Thinking and Composition Through Literature	4	SPAN V02	Elementary Spanish II	5
ENGL V15	Introduction to Poetry	3	SPAN V03	Intermediate Spanish I	5
ENGL V16	Introduction to Fiction	3	SPAN V03S	Spanish Heritage Language I	5
ENGL V18	Children's Literature and Film	3	SPAN V04	Intermediate Spanish II	5
ENGL V21A	British Literature before 1800	3	SPAN V04S	Spanish Heritage Language II	5
ENGL V21B	British Literature since 1800	3			
ENGL V22A	American Literature: Colonial Period to 1865	3			
ENGL V22B	American Literature: 1865 to Present	3			
ENGL V23	Introduction to Dramatic Literature	3			
ENGL V26	Introduction to Shakespeare and Film	3			
ENGL V30	World Literature: Antiquity to 1650	3			
ENGL V31	World Literature: 1650 to Present	3			
ENGL V33	Introduction to African American Literature	3			
ENGL V34	Introduction to Chicana/o Literature	3			
ENGL V35	Introduction to Ethnic American Literatures	3			
ENGL V36	Women in Literature	3			
FILM V10	Contemporary American Cinema	3			

Area 4: Social and Behavioral Sciences

Complete at least 2 courses from at least 2 disciplines or an interdisciplinary sequence for a total of 6 semester units or 8 quarter units.

4: Social Sciences

Course ID	Title	Units/Hours
AES V01		3
AES V02A		3
AES V02B		3
AES V03		3
AES V11	Racial and Ethnic Group Relations	3

AES V20		3	HIST V32	United States History: Focus on Women to 1877	3
AES V21A		3	HIST V43	United States History: Focus on African Americans to Reconstruction	3
AES V21B		3	HIST V44	History of the Americas to 1821	3
AES V22		3	HIST V45	United States History: Focus on Native Americans to Reconstruction	3
AES V23		3	HIST V46	United States History to 1877	3
AES V24		3	HIST V47	United States History: Focus on Chicanos to 1850	3
AES V40A		3	HIST V48		3
AES V40B		3	HIST V50	United States History: Focus on Asian Americans	3
AES V41		3	HIST V51	United States History: Focus on African Americans Since Reconstruction	3
AES V42A		3	HIST V53	United States History: Focus on Women since 1877	3
AES V42B		3	HIST V54	History of the Americas since 1763	3
AES V47		3	HIST V55	United States History: Focus on Native Americans Since the Civil War	3
AES V63		3	HIST V56	United States History since 1865	3
AG V01	Agriculture and Society: Agriculture as the Foundation for Modern Civilization	3	HIST V57		3
AG V12	Agriculture Economics	3	HIST V58	United States History: Focus on Chicanos since 1848	3
ANTH V02	Cultural Anthropology	3	HIST V59	History of California	3
ANTH V03	Introduction to Archaeology	3	HIST V70	Introduction to Western Civilization to the Scientific Revolution	3
ANTH V04	Native Peoples of North America	3	HIST V73		3
ANTH V05	Linguistic Anthropology: Culture and Communication	3	HIST V76	World History to 1550	3
ANTH V06	Sex, Gender, and Culture	3	HIST V78	History of Modern Middle East	3
ANTH V07	The Anthropology of Magic, Witchcraft, and Religion	3	HIST V79	Introduction to the History of East Asia	3
ANTH V08	Global Forces in Culture Change	3	HIST V82	Introduction to Western Civilization since the Scientific Revolution	3
ANTH V09	World Prehistory	3	HIST V83		3
CD V02	Child Growth and Development	3	HIST V86	World History Since 1500	3
CD V03	Human Development	3	HIST V87		3
CD V05	Teaching in a Diverse Society	3	KIN V87	Sport in Society	3
CD V27	Infant and Toddler Development	3	PHIL V10	World Mythology	3
CD V61	Child, Family, and Community	3	POLS V01	American Government and Politics	3
CHST V01	Introduction to Chicano Studies	3	POLS V02	Comparative Government	3
CHST V02	Chicana/o/x and Latina/o/x Studies Issues	3	POLS V03	Introduction to Political Science	3
CHST V03	Chicana Contemporary Issues	3	POLS V04	Introduction to Political Theory	3
CHST V24	Sociology of the Chicano Community	3	POLS V05	Introduction to International Relations	3
CJ V01	Introduction to Criminal Justice	3	POLS V09	United States-Mexico Relations	3
CJ V02	Concepts of Criminal Law	3	POLS V11	Government and Politics of Mexico	3
CJ V28	Fundamentals of Criminology	3	POLS V12	Introduction to Environmental Policy and Natural Resource Management	3
COMM V02	Introduction to Communication Studies	3	POLS V14	Global Studies	3
COMM V12	Intercultural Communication	3	POLS V17	Introduction to American Law	3
COMM V15	Interpersonal Communication	3	POLS V18	Introduction to Global Issues	3
COMM V16	Introduction to Mass Communications	3	PSY V01		3
ECON V01A	Principles of Macroeconomics	3	PSY V02	Personal Growth and Social Awareness	3
ECON V01B	Principles of Microeconomics	3	PSY V05	Introduction to Developmental Psychology	3
ESRM V03	Introduction to Environmental Policy and Natural Resource Management	3			
GEOG V02	Introduction to Human Geography	3			
GEOG V06	Geography of California	3			
GEOG V08	World Regional Geography	3			
HED V22	Health and Social Justice	3			
HIST V13		3			
HIST V16	United States History: Focus on Foreign Relations	3			

PSY V07	Introduction to Research Methods in Social and Behavioral Sciences	3
PSY V15	Introduction to Abnormal Psychology	3
PSY V25	Psychology of Human Sexuality	3
PSY V29	Introduction to Personality Psychology	3
PSY V30	Multicultural Psychology	3
PSY V31	Introduction to Social Psychology	3
PSY V32	Psychology of Women	3
SOC V01	Introduction to Sociology	3
SOC V02	Social Problems	3
SOC V03	Racial and Ethnic Group Relations	3
SOC V04	Sociology of Gender Roles	3
SOC V05	Sociology of Relationships: Intimacy, Commitment, and Family Patterns	3
SOC V07	Sociological Analysis	3
SOC V13	Sociology of Deviance, Crime, and Society	3
SOC V24	Sociology of the Chicano Community	3
SOC V31	Introduction to Social Psychology	3

Area 5: Physical and Biological Sciences

Complete at least 2 courses, with 1 course from Group 5A and 1 course from group 5B (at least one course must include a laboratory selected from Group 5C) for a total of 7–9 semester units or 9–12 quarter units. Each course must be at least 3 semester units, or 4–5 quarter units, except separate lab courses from Group 5C.

5A: Physical Science

Course ID	Title	Units/Hours
AG V04	Introduction to Soil Science	3
AST V01	Elementary Astronomy	3
CHEM V01A	General Chemistry I	3
CHEM V01B	General Chemistry II	3
CHEM V12A	General Organic Chemistry I	3
CHEM V12B	General Organic Chemistry II	3
CHEM V20	Elementary Chemistry	4
CHEM V21	Introduction to Organic and Biochemistry	3
CHEM V30	Chemistry for Health Sciences	4
ESRM V02	Introduction to Environmental Science	3
GEOG V01	Elements of Physical Geography	3
GEOG V05	Introduction to Weather and Climate	3
GEOL V02	Physical Geology	3
GEOL V03	Historical Geology	3
GEOL V07	Geology of National Parks	3
GEOL V09	Earth Science with Laboratory	4
GEOL V11	Introduction to Oceanography	3
GEOL V21	Natural Disasters	3
PHSC V01	Concepts in Physical Science	4
PHYS V01	Elementary Physics	5
PHYS V02A	General Physics I: Algebra/Trigonometry-Based	4

PHYS V02B	General Physics II: Algebra/Trigonometry-Based	4
PHYS V03A	General Physics I: Calculus-Based	4
PHYS V03B	General Physics II: Calculus-Based	4
PHYS V04	Mechanics for Scientists and Engineers	4
PHYS V05	Electricity and Magnetism for Scientists and Engineers	4
PHYS V06	Optics, Heat, and Modern Physics: For Scientists and Engineers	4

5B: Biological Science

Course ID	Title	Units/Hours
AG V06	Introduction to Plant Science (with Laboratory)	3
AG V66	Anatomy and Physiology of Animals	4
ANPH V01	Introduction to Human Anatomy and Physiology	5
ANTH V01	Biological Anthropology	3
BIOL V01	Principles of Biology	3
BIOL V03	Evolution, Ecology, and Organismal Biology	4
BIOL V04	Cell and Molecular Biology	4
BIOL V10	Introduction to Environmental Issues	3
BIOL V12	Human Biology	3
BIOL V14	Field Biology: A Natural History of California	4
BIOL V18	Human Heredity	3
BIOL V29	Marine Biology	3
ESRM V01	Introduction to Environmental Issues	3
ESRM V10	Environmental Ecology	3
ESRM V14	Conservation of Natural Resources	3
MICR V01	General Microbiology	4
PHSO V01	Human Physiology	4
PSY V03	Introduction to Biological Psychology	3

5C: Laboratory Science (Must include a corresponding lecture course from Group 5A or 5B)

Course ID	Title	Units/Hours
AG V04	Introduction to Soil Science	3
AG V06	Introduction to Plant Science (with Laboratory)	3
AG V66	Anatomy and Physiology of Animals	4
ANPH V01	Introduction to Human Anatomy and Physiology	5
ANTH V01L	Biological Anthropology Laboratory	1
AST V01L	Elementary Astronomy Laboratory	1
BIOL V01L	Principles of Biology Laboratory	1
BIOL V03	Evolution, Ecology, and Organismal Biology	4
BIOL V04	Cell and Molecular Biology	4

BIOL V14	Field Biology: A Natural History of California	4
BIOL V29L	Marine Biology Laboratory	1
CHEM V01AL	General Chemistry I Laboratory	2
CHEM V01BL	General Chemistry II Laboratory	2
CHEM V12AL	General Organic Chemistry I Laboratory	2
CHEM V12BL	General Organic Chemistry II Laboratory	2
CHEM V20L	Elementary Chemistry Laboratory	1
CHEM V21L	Introduction to Organic and Biochemistry Laboratory	2
CHEM V30L	Chemistry for Health Sciences Laboratory	1
GEOG V01L	Elements of Physical Geography Laboratory	1
GEOL V02L	Physical Geology Laboratory	1
GEOL V03L	Historical Geology Laboratory	1
GEOL V09	Earth Science with Laboratory	4
MICR V01	General Microbiology	4
PHSC V01	Concepts in Physical Science	4
PHSO V01	Human Physiology	4
PHYS V01	Elementary Physics	5
PHYS V02AL	General Physics I Laboratory: Algebra/Trigonometry-Based	1
PHYS V02BL	General Physics II Laboratory: Algebra/Trigonometry-Based	1
PHYS V03AL	General Physics I Laboratory: Calculus-Based	1
PHYS V03BL	General Physics II Laboratory: Calculus-Based	1
PHYS V04L	Mechanics Laboratory for Scientists and Engineers	1
PHYS V05L	Electricity and Magnetism Laboratory for Scientists and Engineers	1
PHYS V06L	Optics, Heat, and Modern Physics Laboratory for Scientists and Engineers	1

Area 6: Language Other Than English (UC Requirement Only)

CSU: This area is not required. **UC:** Demonstrate proficiency equivalent to two years of high school study in the same language with a "C-" or better, or furnish validated exam scores, or complete one course from Group 6A with a "C" or better. Second-semester or more advanced college courses in a language other than English may be counted in satisfaction of both Areas 3B and 6A.

6A: Language Other Than English

Course ID	Title	Units/Hours
ASL V02	Elementary American Sign Language II	4
FREN V01	Elementary French I	5
FREN V02	Elementary French II	5
GERM V01	Elementary German I	5
GERM V02	Elementary German II	5
ITAL V01	Elementary Italian I	5

ITAL V02	Elementary Italian II	5
JAPN V01	Elementary Japanese I	5
JAPN V02	Elementary Japanese II	5
SPAN V01	Elementary Spanish I	5
SPAN V02	Elementary Spanish II	5
SPAN V03	Intermediate Spanish I	5
SPAN V03S	Spanish Heritage Language I	5
SPAN V04	Intermediate Spanish II	5
SPAN V04S	Spanish Heritage Language II	5

Area 7: Ethnic Studies

Complete one course of at least 3 semester units (4 quarter units) in Area 7. This course must be in ethnic studies or in a similar field provided the course is co-listed with ethnic studies and must be completed Fall 2023 or later.

Course ID	Title	Units/Hours
AES V01		3
AES V20		3
AES V23		3
AES V71		3
AES V72		3
CHST V01	Introduction to Chicano Studies	3
CHST V02	Chicana/o/x and Latina/o/x Studies Issues	3
CHST V03	Chicana Contemporary Issues	3
ETHS V01	Introduction to Ethnic Studies	3
ETHS V02	History of Racism in the United States	3

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

These courses are not part of IGETC but are recommended for completion before transfer.

CSU: Complete one course from Group 1 and one course from Group 2 for a total of 6 semester units or 8 quarter units. These may also be used to satisfy Area 4 at the discretion of the receiving CSU campus. **UC:** This area is not required.

Group 1: US-1

Course ID	Title	Units/Hours
AES V02A		3
AES V02B		3
AES V22		3
AES V40A		3
AES V40B		3
AES V47		3
AES V63		3
HIST V32	United States History: Focus on Women to 1877	3

HIST V43	United States History: Focus on African Americans to Reconstruction	3
HIST V45	United States History: Focus on Native Americans to Reconstruction	3
HIST V46	United States History to 1877	3
HIST V47	United States History: Focus on Chicanos to 1850	3
HIST V50	United States History: Focus on Asian Americans	3
HIST V51	United States History: Focus on African Americans Since Reconstruction	3
HIST V53	United States History: Focus on Women since 1877	3
HIST V54	History of the Americas since 1763	3
HIST V55	United States History: Focus on Native Americans Since the Civil War	3
HIST V56	United States History since 1865	3
HIST V58	United States History: Focus on Chicanos since 1848	3

Group 2: US-2 and US-3

Course ID	Title	Units/ Hours
POLS V01	American Government and Politics	3
POLS V03	Introduction to Political Science	3

Last updated April 2024

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

- **Communication—Written, Oral, and Visual:** Students will write, speak, perform, or create original content that communicates effectively and is facilitated by active listening skills.
- **Reasoning—Scientific and Quantitative:** Students will locate, identify, collect, and organize data in order to analyze, interpret, or evaluate it using mathematical skills and/or the scientific method.
- **Critical Thinking and Problem Solving:** Students will recognize and identify the components of problems or issues, examine them from multiple perspectives and investigate ways to resolve them using reasoned and supportable conclusions while differentiating between facts, influences, opinions, and assumptions.
- **Information Literacy:** Students will formulate strategies to locate, evaluate, and apply information from a variety of sources in a variety of formats such as print and/or electronic.
- **Personal/Community Awareness and Academic/Career Responsibilities:** Students will examine the ethical responsibilities and the dynamic role of individuals and active citizens in society. Students will develop skills and employ strategies to self-manage their personal, academic, and career goals and to cooperate, collaborate, and interact successfully within groups and with a variety of cultures, peoples, and situations.