

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

Area I. Language and Rationality (at least 6 units required with at least 1 course each from English Composition and Communication and Analytical Thinking)
IA - English Composition (at least 3 units required) Complete with a grade of 'C' or higher or 'P'

ENG 1A Critical Reading and Composition ENG 1AEX Critical Reading and Composition Expanded

IB - Communication and Analytical Thinking (at least 3 units required)

ASL 1A American Sign Language I	CS 1 Computing Fundamentals I	MATH 34 Business Calculus
ASL 1B American Sign Language II	CS 17 Discrete Mathematical Structures	MATH 39 Trigonometry
BUSN 33 The Fundamentals of Personal and Family Financial Planning	CS 43 Professional Communications	MATH 40 Statistics and Probability
BUSN 48 Human Relations in Organizations	FREN 1A Beginning French	MATH 47 Mathematics for Liberal Arts
BUSN 52 Business Communications	FREN 1B Elementary French	MATH 55 Intermediate Algebra
CIS 7 Introduction to Programming Concepts and Methodologies	JAMS 11 Introduction to Reporting & Newswriting	PHIL 6 Introduction to Logic
CIS 43 Professional Communications	MATH 1 Calculus I	PHIL 8 Logic and Argumentation
CIS 50 Introduction to Computing Information Technology	MATH 2 Calculus II	SPAN 1A Beginning Spanish
CMST 1 Fundamentals of Public Speaking	MATH 3 Multivariable Calculus	SPAN 1B Elementary Spanish
CMST 2 Oral Interpretation of Literature	MATH 5 Ordinary Differential Equations	SPAN 21 Spanish for Spanish Speakers I
CMST 4 Introduction to Communication Studies	MATH 7 Elementary Linear Algebra	SPAN 22 Spanish for Spanish Speakers II
CMST 10 Interpersonal Communication	MATH 10 Discrete Mathematical Structures	SPAN 23 Introduction to Hispanic Literature
CMST 46 Argumentation and Debate	MATH 27 Number Systems for Educators	THEA 3A Beginning Improvisation
CMST 48 Activities in Forensics	MATH 30 College Algebra for STEM	THEA 25 Fundamentals of Stage Speech
CNT 43 Professional Communications	MATH 33 Finite Mathematics	

Area II. Natural Sciences (at least 3 units required)

ANTR 1 Biological Anthropology	BIO 60 Marine Biology	GEOL 1L Physical Geology Laboratory
ANTR 1L Biological Anthropology Lab	BIO 70 Field Biology	GEOL 2 Historical Geology
ANTR 2L Archaeology Field Laboratory	CHEM 1A General College Chemistry I	GEOL 5 Environmental Geology: Hazards & Disasters
ANTR 13 Introduction to Forensic Anthropology	CHEM 1B General College Chemistry II	GEOL 7 Environmental Geology: Resources, Use Impact & Pollution
ASTR 30L Introduction to Astronomy Laboratory	CHEM 6 Environmental Chemistry	GEOL 12 Introduction to Oceanography
ASTR 31 Introduction to Astronomy: The Solar System	CHEM 12A Organic Chemistry I	GEOL 12L Introduction to Oceanography Laboratory
ASTR 32 Introduction to Astronomy: Stars and the Universe	CHEM 12B Organic Chemistry II	GEOL 20 Earth Science for Educators
BIO 1A General Botany	CHEM 30A Introductory and Applied Chemistry I	PHYS 1A General Physics I
BIO 1B General Zoology	CHEM 30B Introductory and Applied Chemistry II	PHYS 1B General Physics II
BIO 1C Cell and Molecular Biology	CHEM 31 Introduction to College Chemistry	PHYS 1C General Physics III
BIO 7A Human Anatomy	EVST 5 Energy and Sustainability	PHYS 1D General Physics IV
BIO 7B Human Physiology	EVST 5L Energy and Sustainability Laboratory	PHYS 2A Introduction to Physics I
BIO 7C Microbiology	GEOG 1 Introduction to Physical Geography	PHYS 2B Introduction to Physics II
BIO 10 Introduction to the Science of Biology	GEOG 1L Introduction to Physical Geography Laboratory	PHYS 10 Descriptive Physics
BIO 20 Contemporary Human Biology	GEOG 8 Introduction to Atmospheric Science	PHYS 10L Descriptive Physics Laboratory
BIO 30 Introduction to College Biology	GEOG 12 Geography of California	PSYC 4 Brain, Mind and Behavior
BIO 40 Humans and the Environment	GEOG 15 Introduction to GIS	
BIO 50 Anatomy and Physiology	GEOL 1 Physical Geology	

Area III. Humanities (at least 3 units required)

ASL 2A American Sign Language III	ENG 41 Modern World Literature	MUS 8B Music Theory and Musicianship 2
ASL 2B American Sign Language IV	ENG 42 Literature of the African Diaspora in America	MUS 13 History of Rock & Roll
ARHS 1 Introduction to Art History	ENG 44 Literature of the American West	MUS 19 Studies in Music Composition
ARHS 2 Art of the Ancient Americas	ENG 45 Studies in Fiction	MUS 34 Music in Film
ARHS 3 Arts of Africa, Oceania, & Indigenous North Americas	GDDM 3 History of Graphic Design	PHIL 1 God, Nature, Human Nature
ARHS 4 Western Art History - Ancient to Medieval	HIST 1 Western Civilization to 1600	PHIL 2 Ethics
ARHS 5 Western Art History - Renaissance to Contemporary	HIST 2 Western Civilization since 1600	PHIL 3 Aesthetics
ARHS 7 Modern Art History	HIST 3 World History to 1500	PHIL 4 Intro to Philosophy: Knowledge
ARHS 8 Asian Art History	HIST 4 World History since 1500	PHIL 5 Feminist Philosophy
ARTS 2A Introduction to Drawing	HIST 7 US History Through Reconstruction	PHIL 6 Introduction to Logic
ARTS 3A Figure and Composition I	HIST 8 US History Post-Reconstruction	PHIL 8 Logic and Argumentation
ARTS 4A Introduction to Ceramics	HIST 14 History and American Cultures of California	PHTO 67 History of Photography
ARTS 7A Introduction to Watercolor Painting	HIST 25 American Indian History	RELS 1 Religions of the World
ARTS 12A Oil/Acrylic Painting: Beginning I	HIST 28 History of the American West	RELS 2 Bible: History and Literature
CMST 2 Oral Interpretation of Literature	HIST 32 U.S. Women's History	RELS 3 Introduction to Women's Spirituality
CMST 5 Readers Theater	HUMN 2 Introduction to Film Studies	RELS 11 Introduction to Islam
CMST 11 Intercultural Communication	HUMN 3 Introduction to Humanities	SPAN 2A Intermediate Spanish I
ECE 61 Literature for the Young Child	HUMN 4 Global Cinemas	SPAN 2B Intermediate Spanish II
ENG 4 Critical Thinking and Writing About Literature	HUMN 6 Nature and Culture	SPAN 21 Spanish for Spanish Speakers I
ENG 7 Critical Thinking and Writing Across Disciplines	HUMN 10 American Arts and Ideas	SPAN 22 Spanish for Spanish Speakers II
ENG 11 Introduction to Creative Writing	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	SPAN 23 Introduction to Hispanic Literature
ENG 12A Craft of Writing Fiction	HUMN 12 Culture and the Arts II: The Modern World	THEA 1A Theory/Practice of Acting I
ENG 12B Craft of Writing Fiction: Intermediate	HUMN 28 World Mythology	THEA 1B Theory/Practice of Acting II
ENG 12C Craft of Writing Fiction: Advanced	MUS 1 Introduction to Music	THEA 4 Modern American Theater
ENG 13A The Craft of Writing Poetry: Beginning	MUS 3 World Music	THEA 5 Theater for Young Audiences
ENG 13B The Craft of Writing Poetry: Intermediate	MUS 4 Jazz in American Culture	THEA 10 Introduction to Dramatic Arts
ENG 20 Studies in Shakespeare	MUS 5 American Cultures in Music	THEA 11 Stage to Screen
ENG 32 U.S. Women's Literature	MUS 6 Basic Music Skills	THEA 52 Introduction to Design
ENG 35 Modern American Literature	MUS 8A Music Theory and Musicianship 1	WLDT 71 Welding for the Arts

Associate of Science (AS) Degree General Education Pattern

Area IV. Social and Behavioral Sciences (at least 3 units required)

AJ 50 Introduction to Administration of Justice AJ 56 Fundamentals of Crime and Delinquency AJ 60 Criminal Law AJ 66 Juvenile Procedures AJ 78 Introduction to Probation and Parole ANTR 1 Biological Anthropology ANTR 2 Introduction to Archaeology ANTR 3 Cultural Anthropology ANTR 4 Language and Culture ANTR 5 Cultures of the U.S. in a Global Perspective ANTR 7 Native American Cultures of North America ANTR 8 World Prehistory in an Archaeological Perspective ANTR 12 Magic/Religion/Witchcraft/Healing ANTR 13 Introduction to Forensic Anthropology BUSN 18 Business Law BUSN 20 International Business BUSN 30 Business Ethics and Society CMST 3 Group Communication CMST 4 Introduction to Communication Studies CMST 10 Interpersonal Communication CMST 11 Intercultural Communication ECE 10 Introduction to Education ECE 56 Child Growth and Development ECE 62 Child, Family and Community ECE 79 Teaching in a Diverse Society ECON 1 Principles of Microeconomics ECON 2 Principles of Macroeconomics ECON 5 Economic History of the United States ECON 10 General Economics ENG 44 Literature of the American West ETHS 1 Introduction to Ethnic Studies	ETHS 5 Psychology of Race and Identity ETHS 6 Introduction to Race and Ethnicity ETHS 10 Introduction to African American and Black Studies ETHS 20 Introduction to Asian American and Pacific Islander American Studies ETHS 30 Introduction to Chicana and Latinx Studies ETHS 40 Introduction to Native American and Indigenous Studies GEOG 1 Introduction to Physical Geography GEOG 2 Cultural Geography GEOG 5 World Regional Geography GEOG 12 Geography of California GEOG 15 Introduction to GIS GS 1 Introduction to Global Studies GS 2 Global Issues HEA 3 Women's Health HEA 7 Introduction to Public Health HEA 11 Health and Social Justice HIST 1 Western Civilization to 1600 HIST 2 Western Civilization since 1600 HIST 3 World History to 1500 HIST 4 World History since 1500 HIST 7 US History Through Reconstruction HIST 8 US History Post-Reconstruction HIST 14 History and American Cultures of California HIST 25 American Indian History HIST 28 History of the American West HIST 32 U.S. Women's History JAMS 1 Introduction to Mass Communications JAMS 2 Introduction to Media LGBT 1 Introduction to LGBTQ Studies LGBT 2 Lesbian, Gay, Bisexual, Transgender, and Queer Psychology MKTG 50 Introduction to Marketing	PCN 3 Theories & Concepts of Counseling: An Introduction PCN 5 Introduction to Social Work & Human Services PCN 13 Multicultural Issues in Contemporary America POLI 7 Introduction to American Government POLI 12 Introduction to California State and Local Government POLI 20 Comparative Government POLI 25 Introduction to Political Theory POLI 26 Introduction to Gender, Sexuality, and Politics POLI 30 International Relations PSYC 1 General Psychology PSYC 3 Introduction to Social Psychology PSYC 4 Brain, Mind and Behavior PSYC 6 Abnormal Psychology PSYC 12 Life-span Psychology PSYC 13 Psychology of Women PSYC 15 Abnormal Child Psychology PSYC 17 The Psychology of Sleep and Dreams PSYC 21 Psychology of Race and Identity PSYC 25 Research Methods PSYC 27 Introduction to Cognitive Science SOC 1 Principles of Sociology SOC 3 Introduction to Race and Ethnicity SOC 4 Marriage and Family Relations SOC 5 Introduction to Global Studies SOC 6 Social Problems SOC 7 Sociology of Sexuality SOC 11 Sociology of Gender SOC 12 Popular Culture SOC 13 Research Methods WMST 1 Introduction to Women's Studies WMST 2 Global Perspective of Women
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Area V. Kinesiology (at least 1 unit required) *Veterans with DD214 honorable discharge receive a waiver for this area and 3 units*

VA - Kinesiology (at least 1 unit required) *Exemption from the Kinesiology requirement is allowed for illness or physical disability by filing a physician's statement at the Admissions & Records Office or for students who hold an AA/AS Degree or higher.*

DANC 1 Introduction to Dance DANC 2A Jazz Dance Fundamentals/Beginning DANC 2B Jazz Dance Beginning/Intermediate DANC 3A Ballet Fundamentals/Beginning	DANC 4A Modern/Contemporary Dance A DANC 4B Modern/Contemporary Dance B DANC 6A Choreography for the Stage A DANC 6B Choreography for the Stage B	FST 7 Fire Service Conditioning & Physical Agility Development Any Kinesiology Intercollegiate Athletics Course (KIN 32A-65) Any Kinesiology Activity Course (KIN AF1-ZUM1)
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Area VI. Ethnic Studies (at least 3 units required) *Complete with a grade of 'C' or higher or 'P'*

ETHS 1 Introduction to Ethnic Studies ETHS 5 Psychology of Race and Identity ETHS 6 Introduction to Race and Ethnicity	ETHS 10 Introduction to African American and Black Studies ETHS 20 Introduction to Asian American and Pacific Islander American Studies ETHS 30 Introduction to Chicana and Latinx Studies	ETHS 40 Introduction to Native American and Indigenous Studies PSYC 21 Psychology of Race and Identity SOC 3 Introduction to Race and Ethnicity
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MP. Mathematics Proficiency (proficiency in Mathematics may be met in one of the following ways)

1. Submit Documentation showing completion of Algebra 2, Integrated Math 3, or a higher level Mathematics course in High School with a **'C' or higher**, an AP score of 3 or higher, an IB score of 4 or higher, or a CLEP score of 50 or higher.
2. Complete one of the mathematics courses listed below at Las Positas College (with a grade of **'C' or higher or 'P'**).
3. Submit Documentation showing completion of one of the mathematics courses listed below (or equivalent) at another institution (with a grade of **'C' or higher or 'P'**).

BUSN 33 The Fundamentals of Personal and Family Financial Planning CS 17 Discrete Mathematical Structures MATH 1 Calculus I MATH 2 Calculus II MATH 3 Multivariable Calculus MATH 5 Ordinary Differential Equations	MATH 7 Elementary Linear Algebra MATH 10 Discrete Mathematical Structures MATH 27 Number Systems for Educators MATH 30 College Algebra for STEM MATH 33 Finite Mathematics MATH 34 Business Calculus	MATH 39 Trigonometry MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts MATH 55 Intermediate Algebra NMAT 255 Intermediate Algebra
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Graduation Requirements

1. Select a major and complete all major requirements plus GE and electives to total 60 or more units.
2. Complete a minimum of 60 units with a cumulative grade point average of **2.0 or better**.
3. Complete a minimum of 12 units at Las Positas College.
4. Complete all General Education (GE) Requirements for the Associate of Science Degree, IGETC (for CSU), or CSU GE-B.
5. All courses required for the Major must be completed with a **'C' or higher or 'P'**.

Please note that Las Positas and Chabot College DO NOT share AA or AS Degree General Education patterns - if you are interested in taking a course at Chabot College, please be sure to see a counselor.