

LAS POSITAS COLLEGE CATALOG ADDENDUM FALL 2021

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PLACEMENT CHANGES

Las Positas College has a new process for assessing students. Students can obtain proper placement into English, Foreign Languages and Math by answering questions on our self-guided placement tool on the CLASS-Web link located on our home web page. Students are also encouraged to submit transcripts from other regionally accredited colleges or universities, and other recognized standardized test results (e.g., Advanced Placement; International Baccalaureate, etc.) for placement consideration. Students can obtain proper placement into ESL (English as a Second Language) by completing the assessment process which consists of a placement exam and writing sample. Additional information may be obtained by contacting the Assessment Center or Counseling Department."

VETERANS EDUCATIONAL BENEFITS

Veterans First Program Learning Community: Mission Ready

Mission Ready brings student veterans together to create a more cohesive and interactive learning environment, providing a veteran-friendly space to learn and meet college and career goals. Mission Ready students complete English 1A (Critical Reading and Composition) and Communications 1 (Speech) -- one or both courses are required to participate in this learning community. Any student veterans, service members, and their relatives can join. Participants receive services (e.g., tutoring) and programming that will maximize their educational opportunities and provide them with a rewarding transition from military service to college pathway to career.

NEW CREDIT PROGRAMS

AA-T – Elementary Teacher Education

About the Degree

The Las Positas College Early Care and Education program offers courses that lead to an Associate in Arts in Elementary Teacher Education for Transfer Degree. The major requirements for the Associate in Arts in Elementary Teacher Education for Transfer Degree align with the Intersegmental Transfer Model Curriculum (TMC) for Elementary Teacher Education. Students will have guaranteed admission to a California State University (CSU)

campus upon successful completion of the program requirements. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon the completion of the AA-T in Elementary Teacher Education, the student will be able to demonstrate practices that promote and maintain early Elementary Education teaching standards.
- Upon the completion of the AA-T in Elementary Teacher Education, the student will be able to successfully transition to a CSU Elementary Education Program by completing required coursework and practicum field work.
- Upon the completion of the AA-T in Elementary Teacher Education, the student will be able to synthesize child development and education research and theories to support the development and learning modalities of children.

Required Core: (48-49 Units)

BIO 10 Introduction to the Science of Biology or	
BIO 30 Introduction to College Biology	4
CHEM 31 Introduction to College Chemistry	4
CMST 1 Fundamentals of Public Speaking	3
ECE 10 Introduction to Education	4
ECE 56 Child Growth and Development	3
ENG 1A Critical Reading and Composition or	
ENG 1AEX Critical Reading and Composition Expanded	3-4
ENG 4 Critical Thinking and Writing about Literature.....	3
GEOG 5 World Regional Geography.....	3
GEOL 20 Earth Science for Educators.....	4
HIST 3 World History to 1500	3
HIST 7 US History Through Reconstruction	3
MATH 27 Number Systems for Educators	3
PHYS 10 Descriptive Physics.....	3
PHYS 10L Descriptive Physics Lab	1
POLI 7 Introduction to American Government.....	4

List A: Select One (3 Units)

ENG 7 Critical Thinking and Writing Across Disciplines	3
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THEA 53 Script Analysis3

List B: Select One (3 Units)

ARHS 1 Introduction to Art History3
MUS 1 Introduction to Music.....3
THEA 10 Introduction to Dramatic Arts3

Total Units for the Major54-55

Additional General Education and Elective Units5-6

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

REVISED CREDIT PROGRAMS

AA-T – Anthropology

About the Degree

The Las Positas College Anthropology program offers courses that lead to an Associate in Arts in Anthropology for Transfer degree . The major requirements for the Associate in Arts in Anthropology for Transfer degree align with the Intersegmental Transfer Model Curriculum (TMC) for Anthropology. Students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the program requirements. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of the AA-T in Anthropology, students are able to explain why there is no biological validity to the concept of "race."
- Upon completion of the AA-T in Anthropology, students are able to describe and discuss the evolution and prehistory of human beings.
- Upon completion of the AA-T in Anthropology, students are able to use the scientific method to test hypotheses and establish empirical facts.

Required Core: (9 Units)

ANTR 1 Biological Anthropology3
ANTR 2 Introduction to Archaeology3
ANTR 3 Cultural Anthropology.....3

List A: Select One (3 Units)

ANTR 4 Language and Culture.....3
ANTR 12 Magic/Religion/Witchcraft/Healing.....3

List B: Select One to Two (3-8 Units)

Any List A course not already used.....3

1. Science Methods

PSYC 25 Research Methods or
SOC 13 Research Methods4

2. Sciences

GEOL 1* Physical Geology3
and GEOL 1L* Physical Geology Laboratory1
GEOG 15** Introduction to GIS3

List C: Select One (3-4 Units)

Any List A or B course not already used 3-4
ANTR 5 Cultures of the U.S. in Global Perspective3
ANTR 6 Anthropology of Sex and Gender3
ANTR 7 Native American Cultures of North America.....3
ANTR 8 World Prehistory In Archaeological Perspective3
ANTR 13 Introduction to Forensic Anthropology.....3
ETHS 5 Introduction to Cross-Cultural Psychology3
ETHS 6 Introduction to Race and Ethnicity3
HIST 14 History and American Cultures of California3
HIST 25 American Indian History3
PCN 13 Multicultural Issues in Contemporary America3
PSYC 21 Introduction to Cross-Cultural Psychology.....3
SOC 3 Introduction to Race and Ethnicity.....3

Total Units for the Major 18-24

Additional General Education and Elective Units 36-42

Total Units 60

**Must be taken together and count as one course.*

***GEOG 15 cannot satisfy List B or C on its own.*

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses.

Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AA-T – Global Studies

About the Degree

The Associate in Arts for Transfer in Global Studies provides the student with the skills to navigate today's globalized world, where people of different cultures, nations, and world views are coming into contact more than ever before. The major will help students recognize and respond to this cultural interconnectedness through courses devoted to the study of cultures and societies, economic and political systems, geography, and language. Students will develop the skills of balancing personal and cultural beliefs with different ways of thinking, understanding and working through conflict, and increasing their comfort with cross-cultural interaction in their communities, work relationships, civic life, and travel experiences. Understanding the global dimensions of societal developments and challenges will boost students' critical thinking skills and make them valuable assets to future employers. Students completing the Associate in Arts in Transfer in Global Studies degree receive a guarantee of admission with junior status into the California State University System.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C" (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of an AA-T in Global Studies, students are able to apply cross-cultural, transnational, and global awareness to analysis of conflicts and challenges involving race, gender, human rights, cultural differences, and economic development.
- Upon completion of an AA-T in Global Studies, students are able to assess the benefits and costs of globalization to various classes, regions, nations, and ethnic groups across the globe.
- Upon completion of an AA-T in Global Studies, students are able to demonstrate knowledge of world's cultures, languages, art, geography, climate, social and political systems.
- Upon completion of an AA-T in Global Studies, students are

able to use social scientific and humanist modes of analysis to relate and differentiate between cultures.

Required Core: (6 Units)

GS 1 Introduction to Global Studies or	
SOC 5 Introduction to Global Studies.....	3
GS 2 Global Issues.....	3

List A: Select Five Courses from at least Four of the Following Areas (15-19 Units)

Area 1: Culture and Society

ANTR 3 Cultural Anthropology.....	3
HIST 2 Western Civilization since 1600.....	3
HIST 4 World History since 1500.....	3

Area 2: Geography

GEOG 1 Introduction to Physical Geography	3
GEOG 2 Cultural Geography	3
GEOG 5 World Regional Geography.....	3

Area 3: Economics

ECON 2 Principles of Macroeconomics.....	3
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Area 4: Politics

POLI 20 Comparative Government.....	3
POLI 25 Introduction to Political Theory	3
POLI 30 International Relations	3

Area 5: Humanities

ENG 41 Modern World Literature.....	3
FREN 2A Intermediate French I.....	4
FREN 2B Intermediate French II.....	4
MUS 3 World Music	3
RELS 1 Religions of the World	3
SPAN 2A Intermediate Spanish I.....	4
SPAN 2B Intermediate Spanish II.....	4
SPAN 21 Spanish for Spanish Speakers I.....	5
SPAN 22 Spanish for Spanish Speakers II.....	5

Total Units for the Major 21-25

Additional General Education and Elective Units..... 35-39

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AA-T – Journalism

About the Degree

The Associate in Arts in Journalism for Transfer is based on the Transfer Model Curriculum for Journalism. Upon successful completion of the program requirements, students will have guaranteed admission to some California State University (CSU) campuses. The Associate in Arts in Journalism for Transfer provides students with a broad understanding of the principles, roles, techniques, and effects of media in society as well as experience in the application of these principles to the student media. The broad-based focus of the program serves to hone and refine students' reading, writing, speaking, cultural literacy, and critical thinking skills, enabling them to succeed in an academic environment or in the workplace and providing specific hands-on skills.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Career Opportunities

The information on the Labor Market Index web site indicates that three areas, Editors, Reporters and Correspondents, and Writers and Authors, are especially well-served by a Mass Communications degree. In recent years, social media and online media have provided career opportunities for many Mass Communications graduates.

Program Outcomes

- Upon completion of the AA-T in Journalism, students are able to develop a broad understanding of the principles, roles, techniques, and effects of media in society.
- Upon completion of the AA-T in Journalism, students are able to gain experience in production of the student media.
- Upon completion of the AA-T in Journalism, students are able to prepare for careers in media and related fields.

Required Core: (9 Units)

JAMS 1 Introduction to Mass Communications.....	3
JAMS 11 Introduction to Reporting and Newswriting	3
JAMS 21A Express College Newspaper A.....	3

List A: Select One (3 Units)

JAMS 3 Introduction to Public Relations.....	3
JAMS 12 Introduction to Photojournalism or PHTO 72 Documentary Photography	3
JAMS 21B Express College Newspaper B.....	3
JAMS 23 Multimedia Reporting.....	3

List B: Select Two (6-8 Units)

CMST 4 Introduction to Communication Studies	3
CMST 46 Argumentation and Debate.....	3
ECON 1 Principles of Microeconomics or ECON 2 Principles of Macroeconomics.....	3
ENG 7 Critical Thinking and Writing Across Disciplines	3
HIST 7 US History Through Reconstruction	3
HIST 8 US History Post-Reconstruction	3
MATH 40 Statistics and Probability.....	4
PHIL 6 Introduction to Logic or PHIL 8 Logic and Arugmentation.....	3-4
POLI 7 Introduction to American Government.....	4
POLI 20 Comparative Government	3
SOC 3 Introduction to Race and Ethnicity.....	3

Total Units for the Major 18-20

Additional General Education and Elective Units..... 40-42

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AA-T – Kinesiology

About The Degree

The Associate in Arts in Kinesiology for Transfer degree prepares students for transfer to bachelor's degree programs at a CSU in Kinesiology and similar degrees including Exercise Science, Physical Education, Pre-Physical Therapy/Therapeutic Studies, Athletic Training, Coaching and Fitness Management. Advanced degrees in Kinesiology lead to employment opportunities in athletic training, sports management, physical therapy, occupational therapy, teaching physical education, cardiac rehabilitation, coaching, and further study in health/medical fields. Entry-level employment opportunities in the field include: coaching, personal or group training, fitness instruction, fitness specialists, physical therapy assistants, recreation, as well as managerial positions in athletics and recreation centers.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Career Opportunities

Entry-level employment opportunities in the field include: coaching, personal or group training, fitness instruction, fitness specialists, physical therapy assistants, recreation, as well as managerial positions in athletics and recreation centers. Students may obtain an AA-T in Kinesiology and then transfer for advanced degrees in Kinesiology at four-year institutions. Advanced degrees in Kinesiology lead to employment opportunities in athletic training, sports management, physical therapy, occupational therapy, teaching physical education, cardiac rehabilitation, coaching, and further study in health/medical fields

Program Outcomes

- Upon completion of the AA-T in Kinesiology, students are able to disseminate the knowledge of physical activity derived from experiences, scholarly study, and professional practice.
- Upon completion of the AA-T in Kinesiology, students are able to identify programs of study within the field of Kinesiology.
- Upon completion of the AA-T in Kinesiology, students are able to identify several career pathways associated with the Kinesiology degree.
- Upon completion of the AA-T in Kinesiology, students are able to perform a variety of motor activities at a proficient level from at least three of the movement-based categories.

Required Core: (13 Units)

BIO 7A Human Anatomy.....	5
BIO 7B Human Physiology.....	5
KIN 30 Introduction to Kinesiology.....	3

Movement-Based Courses: Select One Course Maximum from Any Three of the Following Areas: (3-5 Units)

Area 1: Aquatics

KIN DV1 Springboard Diving.....	1
KIN SW1 Swimming 1.....	1
KIN SW2 Swimming 2.....	1
KIN SWF1 Swimming for Fitness 1.....	1
KIN SWF2 Swimming for Fitness 2.....	1
KIN WP1 Water Polo 1.....	1
KIN WP2 Water Polo 2.....	1

Area 2: Combatives

KIN ETD1 Eskrima - Tenio DeCuerdas 1.....	1
KIN JDR1 Jujitsu - Danzan Ryu 1.....	1
KIN TK1 Tae Kwon Do 1.....	1

Area 3: Dance

KIN DA1 Dance Aerobics 1.....	1
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KIN SD1 Salsa Dance Aerobics 1.....	1
KIN ZUM1 Zumba Fitness Workout 1.....	1

Area 4: Fitness

KIN AF1 Aerobic Fitness 1.....	1
KIN BC1 Boot Camp for Flexibly & Core Development.....	1
KIN BX1 Box Aerobics 1.....	1
KIN CRT Cross Training.....	1
KIN CT1 Circuit Training 1.....	1
KIN CYCL1 Cycling 1.....	1
KIN CYCL2 Cycling 2.....	1
KIN FC Fitness Center.....	1
KIN FD Fitness Development.....	1
KIN FJW1 Fitness Jog Walk 1.....	1
KIN FJW2 Fitness Jog Walk 2.....	1
KIN GBW1 Guts and Butts Workout 1.....	1
KIN HIT1 High-intensity Interval Training (HIIT).....	1
KIN PF Personal Fitness.....	1
KIN PL1 Pilates 1.....	1
KIN WT1 Weight Training 1.....	1
KIN WTW1 Women's Weight Training 1.....	1
KIN YIN1 Yin Yoga 1.....	1
KIN YO1 Yoga 1.....	1

Area 5: Individual Sports

KIN AR1 Archery 1 - Beginning Archery.....	1
KIN BL1 Bowling 1.....	1
KIN BL2 Bowling 2.....	1
KIN FG1 Footgolf 1.....	1
KIN FNE1 Fencing - Epee 1.....	1
KIN FNF1 Fencing - Foil 1.....	1
KIN GF1 Golf 1.....	1
KIN GF2 Golf 2.....	1

Area 6: Team Sports

KIN BK1 Basketball 1.....	1
KIN BK2 Basketball 2.....	1
KIN FL1 Flag Football 1.....	1
KIN FL2 Flag Football 2.....	1
KIN SI1 Soccer - Indoor 1.....	1
KIN SO1 Soccer - Outdoor 1.....	1
KIN UF1 Ultimate Frisbee 1.....	1
KIN VB1 Volleyball Beginning.....	1
KIN 32A Fall Intercollegiate Men's Basketball.....	3
KIN 38B Intercollegiate Men's Soccer.....	3
KIN 40B In Season Intercollegiate Women's Volleyball.....	1-3
KIN 41B Fall Intercollegiate Basketball - Women.....	1.5
KIN 48B Intercollegiate Athletics: Women's Soccer.....	3
KIN 50B Intercollegiate Swimming and Diving.....	3

List A: Select Two (6-10 Units)

BIO 20 Contemporary Human Biology.....	3
CHEM 1A General College Chemistry I.....	5
KIN 14 Responding to Emergencies: Comprehensive First Aid/CPR/AED.....	3
MATH 40 Statistics and Probability.....	4
PHYS 1A General Physics I or PHYS 2A Introduction to Physics I.....	4-5

Total Units for the Major 22-28

Additional General Education and Elective Units 32-38

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AS-T – Nutrition and Dietetics

About the Degree

The Associate in Science in Nutrition and Dietetics for Transfer is designed for prospective California State University (CSU) who are preparing for careers in the field of Nutrition and Dietetics such as a Registered Dietitian (RD), Nutritionist, Licensed Nutritionist and Dietetic Technician Registered (DTR) to name a few. Completion of the Nutrition and Dietetics degree will provide a streamlined pathway for transfer to a CSU campus with a Nutrition Science or similar major. Students should consult with a counselor to determine whether or not this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution. There are UC unit limitations with Chemistry courses; please see a counselor for details if you are pursuing transfer to the UC system.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C" (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of the AS-T in Nutrition and Dietetics, students are able to acquire knowledge to develop health promotion and disease prevention programs that address diverse populations within a community (such as ethnicity, cultural backgrounds, socioeconomic status, and regional resources).
- Upon completion of the AS-T in Nutrition and Dietetics, students are able to communicate knowledge of nutrition and metabolism and apply that knowledge to the maintenance of

health and the treatment of disease.

- Upon completion of the AS-T in Nutrition and Dietetics, students are able to critically evaluate factors influencing obesity, and the metabolic consequences of obesity, as it relates to chronic disease.

Required Core: (16 Units)

BIO 7C Microbiology.....	5
CHEM 1A General College Chemistry I.....	5
NTRN 1 Introduction to Nutrition Science	3
PSYC 1 General Psychology.....	3

List A: Select Two (9-10 Units)

BIO 7A Human Anatomy.....	5
BIO 7B Human Physiology.....	5
CHEM 1B General College Chemistry II.....	5
CHEM 12A Organic Chemistry I.....	5
MATH 40 Statistics and Probability.....	4

List B: Select One (3-5 Units)

CHEM 12B Organic Chemistry II	5
CHEM 30A Introductory and Applied Chemistry I.....	4
CHEM 30B Introductory and Applied Chemistry II.....	4
ECON 1 Principles of Microeconomics	3
ECON 2 Principles of Macroeconomics.....	3
SOC 1 Principles of Sociology.....	3

Total Units for the Major 28-31

Additional General Education and Elective Units 29-32

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AA-T – Psychology

About the Degree

The Associate in Arts in Psychology for Transfer is to assist students in transferring into the California State University System. Students completing the AA-T degree receive a guarantee of admission with junior status into the California State University System. The CSU system is required to grant priority admission for a student with this associate degree to a CSU campus and to a program or major that is similar to their community college major or area of emphasis, as determined by the CSU campus to which the student is admitted. In addition, a student shall receive priority over all other community college transfer students, excluding community college students who have entered into a transfer agreement between a community college and the California State University. Students who complete the program will have a basic understanding of psychological theory, skills and methods relevant to conducting rigorous psychological

research, and critical knowledge of various substantive topics of psychology.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of the AA-T in Psychology, students are able to demonstrate effective written and oral communication for different purposes and audiences.
- Upon completion of the AA-T in psychology, students are able to apply psychological content for personal, professional, and lifelong learning goals.
- Upon completion of the AA-T in Psychology, students are able to apply ethical standards to evaluate psychological science and practice in a diverse community at the local, national, and global levels.
- Upon completion of the AA-T in psychology, students are able to describe key concepts, principles, and themes in psychology and apply empirical findings.
- Upon completion of the AA-T in Psychology, students are able to use scientific thinking and information literacy to interpret, design, and conduct psychological research.

Required Core: (11 Units)

MATH 40 Statistics and Probability.....	4
PSYC 1 General Psychology.....	3
PSYC 25 Research Methods.....	4

List A: Select One (3-4 Units)

BIO 10 Introduction to the Science of Biology.....	4
BIO 30 Introduction to College Biology.....	4
PSYC 4 Brain, Mind, and Behavior.....	3

List B: Select One (3-4 Units)

Any List A course not already used.....	3-4
PSYC 3 Introduction to Social Psychology.....	3
PSYC 12 Life-Span Psychology.....	3

List C: Select One (3-5 Units)

Any List A or B course not already used.....	3-4
ANTR 1 Biological Anthropology.....	3
ANTR 3 Cultural Anthropology.....	3

ETHS 5 Introduction to Cross-Cultural Psychology.....	3
MATH 1 Calculus I.....	5
PSYC 6 Abnormal Psychology.....	3
PSYC 10 Psychology of Human Sexuality.....	3
PSYC 13 Psychology of Women.....	3
PSYC 15 Abnormal Child Psychology.....	3
PSYC 17 The Psychology of Sleep and Dreams.....	3
PSYC 21 Introduction to Cross-Cultural Psychology.....	3
SOC 1 Principles of Sociology.....	3

Total Units for the Major20-24

Additional General Education and Elective Units..... 36-40

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AS-T – Public Health Science

About the Degree

The Associate of Science in Public Health Science for Transfer Degree is designed for prospective California State University (CSU) who are preparing for careers in the field of Public Health. Completion of the AS-T degree in Public Health Science, opens doors to entry-level careers in a wide variety of health-related agencies, medical centers, long-term care facilities, private and public health organizations, and local, state, and federal health departments. After completion of the AS-T in Public Health Science, transfer, and further education, additional career paths are possible including health educator, health care manager, nurse, physical therapist, community college health instructor, physician, public health advisor, health informatics, and medical scientist. Whether students choose selective employment or transfer and further education, they have the opportunity to become the new generation of health professionals prepared to face the emerging challenges to human health.

Completion of the AS-T degree in Public Health Science provides a streamlined path for transfer to a California State University (CSU) campus with a public health science related major such as: Health Science, Health Science with Health Education option, Health Science with Public Health option, Health Science with Community Health Option, Health Science with Health Promotion & Disease Prevention, Health Education, Public Health, Public Health Promotion, Kinesiology with Health Education, Kinesiology with Health Science option, Kinesiology with Health and Wellness Promotion, Kinesiology with Health Promotion and Disease Prevention, Collaborative Health, and Human Services with Community Health option. Students should consult with a counselor to determine whether or not this degree is the best option for their transfer goals. General education requirements should be selected carefully based on the intended transfer institution.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education – Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of the AS-T in Public Health Science, students are able to describe factors that contribute to health disparities and leading causes of morbidity and mortality, including factors related to public policy, socioeconomics, and the environment.
- Upon completion of the AS-T in Public Health Science, students are able to develop strategies for initiating and/or maintaining activities that promote health through individual behavior, civic/ community engagement, and/or environmental stewardship.
- Upon completion of the AS-T in Public Health Science, students are able to critically evaluate popular and scientific literature and other media for its significance and impact on individual and public health.

Required Core: (31-32 Units)

BIO 7A Human Anatomy.....	5
BIO 7B Human Physiology.....	5
BIO 30 Introduction to College Biology	4
CHEM 31 Introduction to College Chemistry or CHEM 1A General College Chemistry I	4-5
HEA 1 Introduction to Personal Health.....	3
HEA 7 Introduction to Public Health.....	3
MATH 40 Statistics and Probability	4
PSYC 1 General Psychology	3

List A: Select One (3 Units)

ECON 1 Principles of Microeconomics	3
ECON 2 Principles of Macroeconomics.....	3
HEA 3 Women's Health.....	3
HEA 11 Health and Social Justice.....	3
NTRN 1 Introduction to Nutrition Science	3
PSYC 10 Psychology of Human Sexuality.....	3
PSYC 12 Life-Span Psychology	3
SOC 1 Principles of Sociology.....	3

Total Units for the Major 34-35

Additional General Education and Elective Units 25-26

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses.

Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

AA-T – Sociology

About the Degree

The Associate in Arts in Sociology for Transfer program prepares students for a seamless transfer a CSU for continued study in sociology and other various fields of social science. Students who complete the program will have a basic understanding of sociological theory, skills and methods relevant to conducting rigorous sociological research, and critical knowledge of various substantive topics of sociology such as race, gender, class, sexuality, family, culture, globalization, and social problems.

Completion Requirements:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or CA State University General Education - Breadth Requirements.
 - b. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

Associate Degrees for Transfer (ADT's) also require that students must earn a "C " (or "P") or better in all courses required for the major or area of emphasis.

Program Outcomes

- Upon completion of AA-T in Sociology, students are able to analyze and describe the major concepts, theoretical perspectives, empirical findings, and historical trends in sociology.
- Upon completion of AA-T in Sociology, students are able to demonstrate critical thinking and analytic skills in the application of social theory to solve problems that arise in institutional and societal contexts.

Required Core: (10-11 Units)

SOC 1 Principles of Sociology.....	3
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Select Two

MATH 40 Statistics and Probability.....	4
SOC 6 Social Problems.....	3
SOC 13 Research Methods	4

List A: Select Two (6-7 Units)

Any Required Core not already used.....	3-4
PSYC 3 Introduction to Social Psychology.....	3
SOC 3 Introduction to Race and Ethnicity.....	3

ETHS 6 Introduction to Race and Ethnicity	3
SOC 4 Marriage and Family Relations.....	3
SOC 7 Sociology of Sexuality.....	3
SOC 11 Sociology of Gender.....	3

List B: Select One (3-4 Units)

Any course not already used	3-4
ANTR 3 Cultural Anthropology.....	3
PSYC 1 General Psychology	3
SOC 5 Introduction to Global Studies.....	3
SOC 12 Popular Culture	3

Total Units for the Major 19-20

Additional General Education and Elective Units..... 40-41

Total Units 60

See the Las Positas College California State University General Education-Breadth or the Intersegmental General Education Transfer Curriculum (for CSU) patterns for a listing of areas and courses. Double counting courses in GE and the major is permissible. The number of units that may be double counted will depend on the entry point to the degree program and the optional course(s) taken. Elective units are CSU transferable. Consult with an adviser or a counselor to plan the courses necessary to achieve your academic goal.

CREDIT PROGRAM CORRECTIONS

Certificate of Achievement Management Information Systems

Required Core: (27 Units)

BUSN 1A Financial Accounting	4
BUSN 40 Introduction to Business	3
CIS 43 Professional Communications or CNT 43 Professional Communications or CS 43 Professional Communications	3
CS 45 Database Programming	4
CIS 60 Systems Analysis and Design.....	3
CIS 62 Project Management.....	3
CS 1 Computing Fundamentals I.....	4
CS 7 Introduction to Computer Programming Concepts	3

Total Units 27

AA-T – Social Justice Studies: LGBTQ Studies

Required Core: (9 Units)

LGBT 1 Introduction to LGBTQ Studies.....	3
SOC 3 Cultural and Racial Minorities.....	3

SOC 11 Sociology of Gender or WMST 1 Introduction to Women's Studies or WMST 2 Global Perspective of Women	3
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List A: Select Three Courses from at least Two of the Following Areas (9-11 Units)

correction to required core and units for List A

CREDIT COURSE CORRECTIONS

JAMS 21C Express College Newspaper C- Prerequisite: JAMS 21B with a minimum grade of C

JAMS 21D Express College Newspaper D- Prerequisite: JAMS 21C with a minimum grade of C

LGBTQ 2 Lesbian, Gay, Bisexual, Transgender, and Queer Psychology- title correction

ARTICULATION

ARHS 7 Modern Art History- C-ID# ARTH 150

CHEM 30A Introductory and Applied Chemistry I- C-ID# CHEM 101

ECE 10 Introduction to Education- CSU GE: D; IGETC: 4.

ESL 1A Critical Reading and Composition for ESL- CSU GE: A2; IGETC: 1A.

ETHS 6 Introduction to Race and Ethnicity- CSU GE: D; IGETC: 4.

HUMN 3 Introduction to Humanities- CSU GE: C1; IGETC: 3A.

LGBT 1 Introduction to LGBTQ Studies- CSU GE: D; IGETC: 4.

LGBT 2 Lesbian, Gay, Bisexual, Transgender, and Queer Psychology- CSU GE: D; IGETC: 4.

PSYC 10 Psychology of Human Sexuality- CSU GE: D; IGETC: 4.

SOC 3 Introduction to Race and Ethnicity- CSU GE: D; IGETC: 4.

General Education Pattern for Associate of Arts (AA) Degree

- 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 9 units required with at least 1 course each from English Composition, Communication and Analytical Thinking, and Writing and Critical 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	ESL 1A Critical Reading and Composition for ESL
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IB - Communication and Analytical Thinking (at least 3 units required)

ASL 1A American Sign Language I	CS 17 Discrete Mathematical Structures	MATH 40 Statistics and Probability
ASL 1B American Sign Language II	CS 43 Professional Communications	MATH 47 Mathematics for Liberal Arts
BUSN 33 Personal Financial Management and Planning	FREN 1A Beginning French	MATH 50 Intermediate Algebra for SLAM
BUSN 48 Human Relations in Organizations	FREN 1B Elementary French	MATH 53A Technical Intermediate Algebra for Welding A
BUSN 52 Business Communications	JAMS 11 Introduction to Reporting & Newswriting	MATH 53B Technical Intermediate Algebra for Welding B
CIS 7 Introduction to Programming Concepts & Methodologies	MATH 1 Calculus I	MATH 55 Intermediate Algebra for BSTEM
CIS 43 Professional Communications	MATH 2 Calculus II	PHIL 6 Introduction to Logic
CIS 50 Introduction to Computing Information Technology	MATH 3 Multivariable Calculus	PHIL 8 Logic and Argumentation
CMST 1 Fundamentals of Public Speaking	MATH 5 Ordinary Differential Equations	SPAN 1A Beginning Spanish
CMST 2 Oral Interpretation of Literature	MATH 7 Elementary Linear Algebra	SPAN 1B Elementary Spanish
CMST 4 Introduction to Communication Studies	MATH 10 Discrete Mathematical Structures	SPAN 21 Spanish for Spanish Speakers I
CMST 10 Interpersonal Communication	MATH 27 Number Systems for Educators	SPAN 22 Spanish for Spanish Speakers II
CMST 46 Argumentation and Debate	MATH 30 College Algebra for STEM	SPAN 23 Introduction to Hispanic Literature
CMST 48 Activities in Forensics	MATH 33 Finite Mathematics	THEA 3A Beginning Improvisation
CNT 43 Professional Communications	MATH 34 Calculus for Business and Social Sciences	THEA 25 Fundamentals of Stage Speech
CS 1 Computing Fundamentals I	MATH 39 Trigonometry	

IC - Writing and Critical Thinking (at least 3 units required)

CMST 46 Argumentation and Debate	PHIL 6 Introduction to Logic	THEA 53 Script Analysis
ENG 4 Critical Thinking and Writing About Literature	PHIL 8 Logic and Argumentation	
ENG 7 Critical Thinking and Writing Across Disciplines	SPAN 23 Introduction to Hispanic Literature	

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

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

Area III. Humanities (at least 3 units required)

ASL 2A American Sign Language III	GDDM 3 The History of Modern Design	MUS 38 Applied Lessons
ASL 2B American Sign Language IV	GDDM 70 Photoshop and Lightroom for Photographers	MUS 44 Concert Choir
ARHS 1 Introduction to Art History	HIST 1 Western Civilization to 1600	MUS 45 Chamber Choir
ARHS 2 Art of the Ancient Americas	HIST 2 Western Civilization since 1600	MUS 46 Vocal Jazz Ensemble
ARHS 3 Arts of Africa, Oceania, & Indigenous North Americas	HIST 3 World History to 1500	PHIL 1 God, Nature, Human Nature
ARHS 4 Western Art History - Ancient to Medieval	HIST 4 World History since 1500	PHIL 1H Honors Philosophy 1: God, Nature, Human Nature
ARHS 5 Western Art History - Renaissance to Contemporary	HIST 7 US History Through Reconstruction	PHIL 2 Ethics
ARHS 7 Modern Art History	HIST 8 US History Post-Reconstruction	PHIL 2H Honors Philosophy 2: Ethics
ARHS 8 Asian Art History	HIST 14 History and American Cultures of California	PHIL 3 Aesthetics
ARTS 2A Introduction to Drawing	HIST 25 American Indian History	PHIL 4 Intro to Philosophy: Knowledge
ARTS 3A Figure and Composition I	HIST 28 History of the American West	PHIL 5 Feminist Philosophy
ARTS 4A Introduction to Ceramics	HIST 32 U.S. Women's History	PHIL 6 Introduction to Logic
ARTS 7A Introduction to Watercolor Painting	HUMN 2 Introduction to Film Studies	PHIL 8 Logic and Argumentation
ARTS 12A Oil/Acrylic Painting: Beginning I	HUMN 3 Introduction to Humanities	PHTO 67 History of Photography
ARTS 23 2-D Design	HUMN 4 Global Cinemas	PHTO 70 Photoshop and Lightroom for Photographers
CMST 2 Oral Interpretation of Literature	HUMN 6 Nature and Culture	RELS 1 Religions of the World
CMST 5 Readers Theater	HUMN 10 American Arts and Ideas	RELS 2 Bible: History and Literature
CMST 11 Intercultural Communication	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	RELS 3 Intro to Women's Spirituality
ECE 61 Literature for the Young Child	HUMN 12 Culture and the Arts II: The Modern World	RELS 11 The Nature of Islam
ENG 4 Critical Thinking and Writing About Literature	HUMN 28 World Mythology	SPAN 2A Intermediate Spanish I
ENG 7 Critical Thinking and Writing Across Disciplines	MUS 1 Introduction to Music	SPAN 2B Intermediate Spanish II
ENG 11 Introduction to Creative Writing	MUS 3 World Music	SPAN 21 Spanish for Spanish Speakers I
ENG 12A Craft of Writing Fiction	MUS 4 Jazz in American Culture	SPAN 22 Spanish for Spanish Speakers II
ENG 12B Craft of Writing Fiction: Intermediate	MUS 5 American Cultures in Music	SPAN 23 Introduction to Hispanic Literature
ENG 12C Craft of Writing Fiction: Advanced	MUS 6 Basic Music Skills	THEA 1A Theory/Practice of Acting I
ENG 13A The Craft of Writing Poetry: Beginning	MUS 8A Music Theory and Musicianship 1	THEA 1B Theory/Practice of Acting II
ENG 13B The Craft of Writing Poetry: Intermediate	MUS 8B Music Theory and Musicianship 2	THEA 4 American Cultures in Theater
ENG 20 Studies in Shakespeare	MUS 12 Wind Ensemble	THEA 5 Theater for Young Audiences
ENG 32 U.S. Women's Literature	MUS 13 History of Rock & Roll	THEA 10 Introduction to Dramatic Arts
ENG 35 Modern American Literature	MUS 14 Jazz Workshop	THEA 11 Stage to Screen
ENG 41 Modern World Literature	MUS 19 Studies in Music Composition	THEA 12 Film as Art & Communication
ENG 42 Literature of the African Diaspora in America	MUS 20A Elementary Guitar	THEA 14 Bay Area Theater
ENG 44 Literature of the American West	MUS 21A Beginning Piano	THEA 52 Introduction to Design
ENG 45 Studies in Fiction	MUS 23A Elementary Voice I	WLDT 71 Welding for the Arts
FREN 2A Intermediate French I	MUS 34 Music in Film	
FREN 2B Intermediate French II	MUS 37 Music Industry Career Development	

General Education Pattern for Associate of Arts (AA) Degree

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 Global Perspective ANTR 6 Anthropology of Sex and Gender ANTR 7 Native American Cultures of North America ANTR 8 World Prehistory in 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 5 Introduction to Cross-Cultural Psychology ETHS 6 Introduction to Race and Ethnicity 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 Introduction to Cross-Cultural Psychology 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
Area V. Wellness (at least 4 units required with at least 1 course each from Health and Kinesiology) <i>Veterans with DD214 honorable discharge receive a waiver for this area and 3 units</i>		
VA - Kinesiology (at least 1 unit required) <i>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.</i>		
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 5A Dance Composition 5A DANC 5B Dance Composition 5B 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)
VB - Health (at least 3 units required)		
BIO 55 Orientation to Health Care ECE 54 Child Health, Safety and Nutrition HEA 1 Introduction to Personal Health HEA 3 Women's Health	HEA 7 Introduction to Public Health HEA 11 Health and Social Justice KIN 22A Science of Soccer 1 KIN 30 Introduction to Kinesiology	NTRN 1 Introduction to Nutrition Science PSYC 10 Psychology of Human Sexuality
Area VI. American Institutions (at least 3 units required)		
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 32 U.S. Women's History POLI 7 Introduction to American Government
AC. American Cultures (at least 1 course required with a grade of 'C' or higher or 'P') <i>Where appropriate, the course can simultaneously satisfy 1 other graduate or subject area requirement.</i>		
ANTR 5 Cultures of the U.S. in Global Perspective ANTR 7 Native American Cultures of North America CMST 11 Intercultural Communication ECE 79 Teaching in a Diverse Society ENG 44 Literature of the American West ETHS 5 Introduction to Cross-Cultural Psychology ETHS 6 Introduction to Race and Ethnicity HIST 14 History and American Cultures of California	HIST 28 History of the American West HIST 32 U.S. Women's History HUMN 10 American Arts and Ideas MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 13 History of Rock & Roll PCN 3 Theories & Concepts of Counseling: An Introduction	PCN 13 Multicultural Issues in Contemporary America POLI 12 Introduction to California State and Local Government POLI 26 Introduction to Gender, Sexuality, and Politics PSYC 21 Introduction to Cross-Cultural Psychology SOC 3 Introduction to Race and Ethnicity THEA 4 American Cultures in Theater WMST 1 Introduction to Women's Studies
MP. Mathematics Proficiency (proficiency in Mathematics may be met in one of the following ways)		
<ol style="list-style-type: none"> 1. Submit Documentation showing completion of Algebra 2 or Integrated Math 3 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'). 		
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 Calculus for Business and Social Sciences MATH 39 Trigonometry MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts	MATH 50 Intermediate Algebra for SLAM MATH 53B Technical Intermediate Algebra for Welding B MATH 55 Intermediate Algebra for BSTEM NMAT 250 Intermediate Algebra for SLAM NMAT 255 Intermediate Algebra for BSTEM
Graduation Requirements		
<ol style="list-style-type: none"> 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 Arts 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 patterns. If you are interested in taking a course at Chabot College please be sure to see a counselor.		

General Education Pattern for Associate of Science (AS) Degree

- 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	ESL 1A Critical Reading and Composition for ESL
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IB - Communication and Analytical Thinking (at least 3 units required)

ASL 1A American Sign Language I ASL 1B American Sign Language II BUSN 33 Personal Financial Management and Planning BUSN 48 Human Relations in Organizations BUSN 52 Business Communications CIS 7 Introduction to Programming Concepts & Methodologies CIS 43 Professional Communications CIS 50 Introduction to Computing Information Technology CMST 1 Fundamentals of Public Speaking CMST 2 Oral Interpretation of Literature CMST 4 Introduction to Communication Studies CMST 10 Interpersonal Communication CMST 46 Argumentation and Debate CMST 48 Activities in Forensics CNT 43 Professional Communications CS 1 Computing Fundamentals I	CS 17 Discrete Mathematical Structures CS 43 Professional Communications FREN 1A Beginning French FREN 1B Elementary French JAMS 11 Introduction to Reporting & Newswriting 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 Calculus for Business and Social Sciences MATH 39 Trigonometry	MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts MATH 50 Intermediate Algebra for SLAM MATH 53A Technical Intermediate Algebra for Welding A MATH 53B Technical Intermediate Algebra for Welding B MATH 55 Intermediate Algebra for BSTEM PHIL 6 Introduction to Logic PHIL 8 Logic and Argumentation SPAN 1A Beginning Spanish SPAN 1B Elementary Spanish SPAN 21 Spanish for Spanish Speakers I SPAN 22 Spanish for Spanish Speakers II SPAN 23 Introduction to Hispanic Literature THEA 3A Beginning Improvisation THEA 25 Fundamentals of Stage Speech
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Area II. Natural Sciences (at least 3 units required)

ANTR 1 Biological Anthropology ANTR 1L Biological Anthropology Lab ANTR 2L Archaeology Field Lab ANTR 13 Introduction to Forensic Anthropology ASTR 10 Introduction to Astronomy: The Solar System ASTR 20 Introduction to Astronomy: Stars and the Universe ASTR 30L Introduction to Astronomy Lab BIO 1A General Botany BIO 1B General Zoology BIO 1C Cell and Molecular Biology BIO 7A Human Anatomy BIO 7B Human Physiology BIO 7C Microbiology BIO 10 Introduction to the Science of Biology BIO 20 Contemporary Human Biology BIO 30 Introduction to College Biology BIO 40 Humans and the Environment	BIO 50 Anatomy and Physiology BIO 60 Marine Biology BIO 70 Field Biology CHEM 1A General College Chemistry I CHEM 1B General College Chemistry II CHEM 12A Organic Chemistry I CHEM 12B Organic Chemistry II CHEM 30A Introductory and Applied Chemistry I CHEM 30B Introductory and Applied Chemistry II CHEM 31 Introduction to College Chemistry EVST 5 Energy and Sustainability GEOG 1 Introduction to Physical Geography GEOG 1L Introduction to Physical Geography Laboratory GEOG 8 Introduction to Atmospheric Science GEOG 12 Geography of California GEOG 15 Introduction to GIS GEOL 1 Physical Geology	GEOL 1L Physical Geology Laboratory GEOL 2 Historical Geology with Lab GEOL 5 Environmental Geology: Hazards & Disasters GEOL 7 Environmental Geology: Resources, Use Impact & Pollution GEOL 12 Introduction to Oceanography GEOL 12L Intro to Oceanography Lab GEOL 20 Earth Science for Educators PHYS 1A General Physics I PHYS 1B General Physics II PHYS 1C General Physics III PHYS 1D General Physics IV PHYS 2A Introduction to Physics I PHYS 2B Introduction to Physics II PHYS 10 Descriptive Physics PHYS 10L Descriptive Physics Lab PSYC 4 Brain, Mind and Behavior
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Area III. Humanities (at least 3 units required)

ASL 2A American Sign Language III ASL 2B American Sign Language IV ARHS 1 Introduction to Art History ARHS 2 Art of the Ancient Americas ARHS 3 Arts of Africa, Oceania, & Indigenous North Americas ARHS 4 Western Art History - Ancient to Medieval ARHS 5 Western Art History - Renaissance to Contemporary ARHS 7 Modern Art History ARHS 8 Asian Art History ARTS 2A Introduction to Drawing ARTS 3A Figure and Composition I ARTS 4A Introduction to Ceramics ARTS 7A Introduction to Watercolor Painting ARTS 12A Oil/Acrylic Painting: Beginning I ARTS 23 2-D Design CMST 2 Oral Interpretation of Literature CMST 5 Readers Theater CMST 11 Intercultural Communication ECE 61 Literature for the Young Child ENG 4 Critical Thinking and Writing About Literature ENG 7 Critical Thinking and Writing Across Disciplines ENG 11 Introduction to Creative Writing ENG 12A Craft of Writing Fiction ENG 12B Craft of Writing Fiction: Intermediate ENG 12C Craft of Writing Fiction: Advanced ENG 13A The Craft of Writing Poetry: Beginning ENG 13B The Craft of Writing Poetry: Intermediate ENG 20 Studies in Shakespeare ENG 32 U.S. Women's Literature ENG 35 Modern American Literature ENG 41 Modern World Literature ENG 42 Literature of the African Diaspora in America ENG 44 Literature of the American West ENG 45 Studies in Fiction FREN 2A Intermediate French I FREN 2B Intermediate French II	GDDM 3 The History of Modern Design GDDM 70 Photoshop and Lightroom for Photographers 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 HUMN 2 Introduction to Film Studies HUMN 3 Introduction to Humanities HUMN 4 Global Cinemas HUMN 6 Nature and Culture HUMN 10 American Arts and Ideas HUMN 11 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Culture and the Arts II: The Modern World HUMN 28 World Mythology MUS 1 Introduction to Music MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 6 Basic Music Skills MUS 8A Music Theory and Musicianship 1 MUS 8B Music Theory and Musicianship 2 MUS 12 Wind Ensemble MUS 13 History of Rock & Roll MUS 14 Jazz Workshop MUS 19 Studies in Music Composition MUS 20A Elementary Guitar MUS 21A Beginning Piano MUS 23A Elementary Voice I MUS 34 Music in Film MUS 37 Music Industry Career Development	MUS 38 Applied Lessons MUS 44 Concert Choir MUS 45 Chamber Choir MUS 46 Vocal Jazz Ensemble PHIL 1 God, Nature, Human Nature PHIL 1H Honors Philosophy 1: God, Nature, Human Nature PHIL 2 Ethics PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge PHIL 5 Feminist Philosophy PHIL 6 Introduction to Logic PHIL 8 Logic and Argumentation PHTO 67 History of Photography PHTO 70 Photoshop and Lightroom for Photographers RELS 1 Religions of the World RELS 2 Bible: History and Literature RELS 3 Intro to Women's Spirituality RELS 11 The Nature of Islam SPAN 2A Intermediate Spanish I SPAN 2B Intermediate Spanish II SPAN 21 Spanish for Spanish Speakers I SPAN 22 Spanish for Spanish Speakers II SPAN 23 Introduction to Hispanic Literature THEA 1A Theory/Practice of Acting I THEA 1B Theory/Practice of Acting II THEA 4 American Cultures in Theater THEA 5 Theater for Young Audiences THEA 10 Introduction to Dramatic Arts THEA 11 Stage to Screen THEA 12 Film as Art & Communication THEA 14 Bay Area Theater THEA 52 Introduction to Design WLDT 71 Welding for the Arts
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General Education Pattern for Associate of Science (AS) Degree

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 Global Perspective ANTR 6 Anthropology of Sex and Gender ANTR 7 Native American Cultures of North America ANTR 8 World Prehistory in 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 5 Introduction to Cross-Cultural Psychology ETHS 6 Introduction to Race and Ethnicity 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 Intro. 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 Introduction to Cross-Cultural Psychology 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 5A Dance Composition 5A DANC 5B Dance Composition 5B 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. Program-Based General Education Requirement (at least 3 units required)

 You will need **1 course** to satisfy this area. The course is specific to each A.S. Degree Major; see the 2021-2022 Catalog or the A.S. program coordinator.

AC. American Cultures (at least 1 course required with a grade of 'C' or higher or 'P')
Where appropriate, the course can simultaneously satisfy 1 other graduate or subject area requirement.

ANTR 5 Cultures of the U.S. in Global Perspective ANTR 7 Native American Cultures of North America CMST 11 Intercultural Communication ECE 79 Teaching in a Diverse Society ENG 44 Literature of the American West ETHS 5 Introduction to Cross-Cultural Psychology ETHS 6 Introduction to Race and Ethnicity HIST 14 History and American Cultures of California	HIST 28 History of the American West HIST 32 U.S. Women's History HUMN 10 American Arts and Ideas MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 13 History of Rock & Roll PCN 3 Theories & Concepts of Counseling: An Introduction	PCN 13 Multicultural Issues in Contemporary America POLI 12 Intro. to California State and Local Government POLI 26 Introduction to Gender, Sexuality, and Politics PSYC 21 Introduction to Cross-Cultural Psychology SOC 3 Introduction to Race and Ethnicity THEA 4 American Cultures in Theater WMST 1 Introduction to Women's Studies
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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 or Integrated Math 3 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'**).

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 Calculus for Business and Social Sciences MATH 39 Trigonometry MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts	MATH 50 Intermediate Algebra for SLAM MATH 53B Technical Intermediate Algebra for Welding B MATH 55 Intermediate Algebra for BSTEM NMAT 250 Intermediate Algebra for SLAM NMAT 255 Intermediate Algebra for BSTEM
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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, IGEC (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 patterns. If you are interested in taking a course at Chabot College please be sure to see a counselor.

- 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) <i>All courses must be completed with a grade of 'C' or better</i>		
A1 - Oral Communication (at least 3 units required)		
CMST 1 Fundamentals of Public Speaking	CMST 10 Interpersonal Communication (F16)	CMST 46 Argumentation and Debate
A2 - Written Communication (at least 3 units required)		
ENG 1A Critical Reading and Composition	ENG 1AEX Critical Reading and Composition Expanded	
A3 - Critical Thinking (at least 3 units required)		
CMST 46 Argumentation and Debate ENG 4 Critical Thinking and Writing About Literature	ENG 7 Critical Thinking and Writing Across Disciplines PHIL 6 Introduction to Logic	PHIL 8 Logic and Argumentation 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 ASTR 20 Introduction to Astronomy: Stars and the Universe CHEM 1A General College Chemistry I ^L CHEM 1B General College Chemistry II ^L CHEM 12A Organic Chemistry I ^L CHEM 12B Organic Chemistry II ^L CHEM 30A Intro and Applied Chemistry I ^L CHEM 30B Introductory and Applied Chemistry II ^L CHEM 31 Intro to College Chemistry ^L	EVST 5 Energy and Sustainability GEOG 1 Introduction to Physical Geography GEOG 8 Introduction to Atmospheric Science GEOG 12 Geography of California (F16) GEOL 1 Physical Geology GEOL 2 Historical Geology with Lab ^L GEOL 5 Environmental Geology: Hazards & Disasters GEOL 7 Environmental Geology: Resources, Use Impact & Pollution GEOL 12 Introduction to Oceanography	GEOL 20 Earth Science for Educators ^L PHYS 1A General Physics I ^L PHYS 1B General Physics II ^L PHYS 1C General Physics III ^L PHYS 1D General Physics IV ^L PHYS 2A Introduction to Physics I ^L PHYS 2B Introduction to Physics II ^L PHYS 10 Descriptive Physics
B2 - Life Science (at least 3 units required)		
ANTR 1 Biological Anthropology ANTR 13 Introduction to Forensic Anthropology BIO 1A General Botany ^L BIO 1B General Zoology ^L BIO 1C Cell and Molecular Biology ^L BIO 7A Human Anatomy ^L	BIO 7B Human Physiology ^L BIO 7C Microbiology BIO 10 Introduction to the Science of Biology ^L BIO 20 Contemporary Human Biology BIO 30 Introduction to College Biology ^L BIO 40 Humans and the Environment	BIO 50 Anatomy and Physiology ^L BIO 60 Marine Biology ^L BIO 70 Field Biology ^L PSYC 4 Brain, Mind and Behavior
B3 - Laboratory Activity (at least 1 course from below or from Physical Science or Life Science marked with an ^L)		
ANTR 1L Biological Anthropology Lab ANTR 2L Archaeology Field Lab ASTR 30L Introduction to Astronomy Lab	GEOG 1L Introduction to Physical Geography Laboratory GEOL 1L Physical Geology Laboratory GEOL 12L Intro to Oceanography Laboratory	PHYS 10L Descriptive Physics Lab
B4 - Mathematics/Quantitative Reasoning (at least 3 units required) <i>Must be completed with a grade of 'C' or better</i>		
BUSN 33 Personal Financial Management & 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 Calculus for Business and Social Sciences MATH 39 Trigonometry MATH 40 Statistics and Probability MATH 47 Mathematics for Liberal Arts
Area C. Arts and Humanities (at least 9 units required with at least 1 course each from Arts and Humanities)		
C1 - Arts (at least 3 units required)		
ARHS 1 Introduction to Art History ARHS 2 Art of the Ancient Americas ARHS 3 Arts of Africa, Oceania, and Indigenous North America ARHS 4 Western Art History - Ancient to Medieval ARHS 5 Western Art History - Renaissance to Contemporary ARHS 7 Modern Art History ARHS 8 Asian Art History ARTS 2A Introduction to Drawing ARTS 3A Figure and Composition I ARTS 4 Introduction to Ceramics (F19) ARTS 7A Introduction to Watercolor Painting (F19) ARTS 12A Oil/Acrylic Painting; Beginning I (F19) GDMM 3 The History of Modern Design	HUMN 2 Introduction to Film Studies HUMN 4 Global Cinemas HUMN 11 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Culture and the Arts II: The Modern World MUS 1 Introduction to Music MUS 3 World Music MUS 4 Jazz in American Culture MUS 5 American Cultures in Music MUS 6 Basic Music Skills MUS 8A Music Theory and Musicianship 1 MUS 8B Music Theory and Musicianship 2 MUS 13 History of Rock & Roll MUS 34 Music in Film	PHTO 67 History of Photography THEA 1A Theory/Practice of Acting I THEA 4 American Cultures in Theater THEA 10 Introduction to Dramatic Arts THEA 11 Stage to Screen THEA 12 Film as Art & Communication THEA 14 Bay Area Theater THEA 25 Fundamentals of Stage Speech THEA 51 Introduction to Costume Design THEA 53 Script Analysis (F20) WLDT 71 Welding for the Arts
C2 - Humanities (at least 3 units required)		
ASL 2A American Sign Language III ASL 2B American Sign Language IV CMST 2 Oral Interpretation of Literature CMST 5 Readers Theater ECE 61 Literature for the Young Child (F16) ENG 4 Critical Thinking & Writing About Literature (F16) ENG 7 Critical Thinking & Writing Across Disciplines (F16) ENG 11 Introduction to Creative Writing ENG 12A Craft of Writing Fiction ENG 12B Craft of Writing Fiction: Intermediate ENG 13A The Craft of Writing Poetry: Beginning ENG 13B The Craft of Writing Poetry: Intermediate ENG 20 Studies in Shakespeare ENG 32 U.S. Women's Literature ENG 35 Modern American Literature ENG 41 Modern World Literature ENG 42 Literature of the African Diaspora in America ENG 44 Literature of the American West ENG 45 Studies in Fiction	FREN 2A Intermediate French I FREN 2B Intermediate French II 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 (F15) HIST 8 US History Post-Reconstruction (F15) HIST 14 History and American Cultures of California (F15) HIST 25 American Indian History (F16) HIST 32 U.S. Women's History (F16) HUMN 2 Introduction to Film Studies HUMN 3 Introduction to Humanities HUMN 4 Global Cinemas HUMN 6 Nature and Culture HUMN 10 American Arts and Ideas HUMN 11 Culture and the Arts I: Ancient World to Renaissance HUMN 12 Culture and the Arts II: The Modern World HUMN 28 World Mythology	MUS 34 Music in Film PHIL 1 God, Nature, Human Nature PHIL 1H Honors Phil. 1: God, Nature, Human Nature PHIL 2 Ethics PHIL 2H Honors Philosophy 2: Ethics PHIL 3 Aesthetics PHIL 4 Intro to Philosophy: Knowledge PHIL 5 Feminist Philosophy PHIL 6 Introduction to Logic (F19) PHIL 8 Logic and Argumentation (F19) RELS 1 Religions of the World RELS 2 Bible: History and Literature RELS 3 Intro to Women's Spirituality RELS 11 The Nature of Islam SPAN 2A Intermediate Spanish I SPAN 2B Intermediate Spanish II SPAN 21 Spanish for Spanish Speakers I (F19) SPAN 22 Spanish for Spanish Speakers II SPAN 23 Introduction to Hispanic Literature

Area D. Social and Behavioral Sciences (at least 9 units required with courses in at least 2 disciplines)

AJ 50 Intro to Admin of Justice (F12)	GEOG 2 Cultural Geography	POLI 20 Comparative Government
AJ 56 Fundamentals of Crime and Delinquency (F15)	GEOG 5 World Regional Geography	POLI 25 Introduction to Political Theory
AJ 60 Criminal Law (F12)	GEOG 12 Geography of California (F16)	POLI 26 Introduction to Gender, Sexuality & Politics
AJ 66 Juvenile Procedures (F15)	GEOG 15 Introduction to GIS	POLI 30 International Relations
AJ 78 Introduction to Probation and Parole	GS 1 Introduction to Global Studies	PSYC 1 General Psychology
ANTR 1 Biological Anthropology	GS 2 Global Issues	PSYC 3 Introduction to Social Psychology
ANTR 2 Introduction to Archaeology	HEA 3 Women's Health (F15)	PSYC 4 Brain, Mind and Behavior
ANTR 3 Cultural Anthropology	HEA 7 Introduction to Public Health	PSYC 6 Abnormal Psychology
ANTR 4 Language and Culture	HEA 11 Health and Social Justice	PSYC 12 Life-span Psychology
ANTR 5 Cultures of the U.S. in Global Perspective	HIST 1 Western Civilization to 1600	PSYC 13 Psychology of Women
ANTR 6 Anthropology of Sex and Gender	HIST 2 Western Civilization since 1600	PSYC 15 Abnormal Child Psychology (F16)
ANTR 7 Native American Cultures of North America	HIST 3 World History to 1500	PSYC 21 Intro. to Cross-Cultural Psychology
ANTR 8 World Prehistory in Archaeological Perspective	HIST 4 World History since 1500	PSYC 25 Research Methods
ANTR 12 Magic/Religion/Witchcraft/Healing	HIST 7 US History Through Reconstruction	PSYC 27 Introduction to Cognitive Science
BUS 30 Business Ethics and Society	HIST 8 US History Post-Reconstruction	SOC 1 Principles of Sociology
CMST 4 Introduction to Communication Studies	HIST 14 History and American Cultures of California	SOC 3 Cultural and Racial Minorities
CMST 10 Interpersonal Communication (F16)	HIST 25 American Indian History	SOC 4 Marriage and Family Relations
CMST 11 Intercultural Communication (F12)	HIST 28 History of the American West	SOC 5 Introduction to Global Studies
ECE 56 Child Growth and Development	HIST 32 U.S. Women's History	SOC 6 Social Problems
ECE 62 Child, Family and Community	MKTG 50 Introduction to Marketing	SOC 7 Sociology of Sexuality (F20)
ECE 79 Teaching in a Diverse Society	MSCM 5 Intro. to Mass Communications	SOC 11 Sociology of Gender
ECON 1 Principles of Microeconomics	MSCM 31 Introduction to Media	SOC 12 Popular Culture
ECON 2 Principles of Macroeconomics	PCN 3 Theories & Concepts of Counseling: An Introduction	SOC 13 Research Methods
ECON 5 Economic History of the U. S.	PCN 13 Multicultural Issues in Contemporary America	WMST 1 Introduction to Women's Studies
ECON 10 General Economics	POLI 7 Introduction to American Government	WMST 2 Global Perspective of Women
ENG 44 Literature of the American West	POLI 12 Introduction to California State and Local 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 (F18)	DANC 6A Choreography for the Stage A	Any Kinesiology Intercollegiate Athletics Course (KIN 32A-65)*
CMST 3 Group Communication (F15)	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 (F15)	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 (F19)	KIN 22A Science of Soccer 1	PSYC 12 Life-span Psychology
DANC 4B Modern/Contemporary Dance B (F19)	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-ZUM1 maximum credit 2 units

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
Group 2	
HIST 7 US History Through Reconstruction	HIST 14 History and American Cultures of California
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.

Intersegmental General Education Transfer Curriculum (IGETC)

- All courses taken to meet IGETC requirements must be completed with a grade of 'C' or better.
- 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 IGETC requirement, the course must be on the IGETC pattern during the academic year it is taken.

Area 1. English Communication (at least 9 units required with at least 1 course each from English Composition, Critical Thinking/English Composition, and Oral Communication*) <i>*CSU requirement only, UC requires at least 6 units with at least 1 course each from English Composition and Critical Thinking/English Composition</i>		
1A - English Composition (at least 3 units required)		
ENG 1A Critical Reading and Composition	ENG 1AEX Critical Reading and Composition Expanded	
1B - Critical Thinking/English Composition (at least 3 units required)		
ENG 4 Critical Thinking and Writing About Literature	PHIL 8 Logic and Argumentation	
ENG 7 Critical Thinking and Writing Across Disciplines	THEA 53 Script Analysis (F20)	
1C - Oral Communication (at least 3 units required) <i>Only required for students transferring to a CSU</i>		
CMST 1 Fundamentals of Public Speaking	CMST 10 Interpersonal Communication (F16)	CMST 46 Argumentation and Debate
Area 2. Mathematical Concepts and Quantitative Reasoning (at least 3 units required)		
2A - Mathematics (at least 3 units required)		
CS 17 Discrete Mathematical Structures	MATH 5 Ordinary Differential Equations	MATH 33 Finite Mathematics
MATH 1 Calculus I	MATH 7 Elementary Linear Algebra	MATH 34 Calculus for Business and Social Sciences
MATH 2 Calculus II	MATH 10 Discrete Mathematical Structures	MATH 40 Statistics and Probability
MATH 3 Multivariable Calculus	MATH 30 College Algebra for STEM	MATH 47 Mathematics for Liberal Arts
Area 3. Arts and Humanities (at least 9 units required with at least 1 course each from Arts and Humanities)		
3A - Arts (at least 3 units required)		
ARHS 1 Introduction to Art History	HUMN 4 Global Cinemas	MUS 13 History of Rock & Roll
ARHS 2 Art of the Ancient Americas	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	MUS 34 Music in Film
ARHS 3 Arts of Africa, Oceania, and Indigenous North America	HUMN 12 Culture and the Arts II: The Modern World	PHTO 67 History of Photography
ARHS 4 Western Art History - Ancient to Medieval	MUS 1 Introduction to Music	THEA 4 American Cultures in Theater
ARHS 5 Western Art History - Renaissance to Contemporary	MUS 3 World Music	THEA 10 Introduction to Dramatic Arts
ARHS 7 Modern Art History	MUS 4 Jazz in American Culture	THEA 11 Stage to Screen
ARHS 8 Asian Art History	MUS 5 American Cultures in Music	THEA 12 Film as Art & Communication
GDDM 3 The History of Modern Design	MUS 8A Music Theory and Musicianship 1	THEA 14 Bay Area Theater
HUMN 2 Introduction to Film Studies	MUS 8B Music Theory and Musicianship 2	THEA 53 Script Analysis (F20)
3B - Humanities (at least 3 units required)		
ASL 2A American Sign Language III	HIST 7 US History Through Reconstruction (F15)	PHIL 2H Honors Philosophy 2: Ethics
ASL 2B American Sign Language IV	HIST 8 US History Post-Reconstruction (F15)	PHIL 3 Aesthetics
ENG 4 Critical Thinking & Writing About Literature (F16)	HIST 14 History and American Cultures of California (F15)	PHIL 4 Intro to Philosophy: Knowledge
ENG 7 Critical Thinking & Writing Across Disciplines (F16)	HIST 25 American Indian History (F16)	PHIL 5 Feminist Philosophy
ENG 20 Studies in Shakespeare	HIST 32 U.S. Women's History (F16)	PHIL 6 Introduction to Logic (F19)
ENG 32 U.S. Women's Literature	HUMN 2 Introduction to Film Studies	PHIL 8 Logic and Argumentation (F19)
ENG 35 Modern American Literature	HUMN 3 Introduction to Humanities	RELS 1 Religions of the World
ENG 41 Modern World Literature	HUMN 4 Global Cinemas	RELS 2 Bible: History and Literature
ENG 42 Literature of the African Diaspora in America	HUMN 6 Nature and Culture	RELS 3 Intro to Women's Spirituality
ENG 44 Literature of the American West	HUMN 10 American Arts and Ideas	RELS 11 The Nature of Islam
ENG 45 Studies in Fiction	HUMN 11 Culture and the Arts I: Ancient World to Renaissance	SPAN 2A Intermediate Spanish I
FREN 2A Intermediate French I	HUMN 12 Culture and the Arts II: The Modern World	SPAN 2B Intermediate Spanish II
FREN 2B Intermediate French II	HUMN 28 World Mythology	SPAN 21 Spanish for Spanish Speakers I (F19)
HIST 1 Western Civilization to 1600 (F15)	MUS 34 Music in Film	SPAN 22 Spanish for Spanish Speakers II
HIST 2 Western Civilization since 1600 (F15)	PHIL 1 God, Nature, Human Nature	SPAN 23 Introduction to Hispanic Literature
HIST 3 World History to 1500	PHIL 1H Honors Phil. 1: God, Nature, Human Nature	
HIST 4 World History since 1500	PHIL 2 Ethics	
Area 4. Social and Behavioral Sciences (at least 9 units required with courses in at least 2 disciplines)		
AJ 50 Intro to Admin of Justice (F16)	GS 1 Introduction to Global Studies*	PSYC 1 General Psychology
AJ 60 Criminal Law (F16)	GS 2 Global Issues	PSYC 3 Introduction to Social Psychology
AJ 66 Juvenile Procedures (F16)	HEA 3 Women's Health (F15)	PSYC 4 Brain, Mind and Behavior
AJ 78 Introduction to Probation and Parole	HEA 7 Introduction to Public Health	PSYC 6 Abnormal Psychology
ANTR 1 Biological Anthropology	HEA 11 Health and Social Justice	PSYC 12 Life-span Psychology
ANTR 2 Introduction to Archaeology	HIST 1 Western Civilization to 1600	PSYC 13 Psychology of Women
ANTR 3 Cultural Anthropology	HIST 2 Western Civilization since 1600	PSYC 15 Abnormal Child Psychology (F16)
ANTR 4 Language and Culture	HIST 3 World History to 1500	PSYC 21 Intro. to Cross-Cultural Psychology
ANTR 5 Cultures of the U.S. in Global Perspective	HIST 4 World History since 1500	PSYC 25 Research Methods
ANTR 6 Anthropology of Sex and Gender	HIST 7 US History Through Reconstruction	PSYC 27 Introduction to Cognitive Science
ANTR 7 Native American Cultures of North America	HIST 8 US History Post-Reconstruction	SOC 1 Principles of Sociology
ANTR 8 World Prehistory in Archaeological Perspective	HIST 14 History and American Cultures of California	SOC 3 Cultural and Racial Minorities
ANTR 12 Magic/Religion/Witchcraft/Healing	HIST 25 American Indian History	SOC 4 Marriage and Family Relations
CMST 4 Introduction to Communication Studies	HIST 28 History of the American West	SOC 5 Introduction to Global Studies*
CMST 10 Interpersonal Communication (F16)	HIST 32 U.S. Women's History	SOC 6 Social Problems
CMST 11 Intercultural Communication (F16)	MSCM 5 Intro. to Mass Communications**	SOC 7 Sociology of Sexuality (F20)
ECE 56 Child Growth and Development	MSCM 31 Introduction to Media**	SOC 11 Sociology of Gender
ECON 1 Principles of Microeconomics	PCN 13 Multicultural Issues in Contemporary America	SOC 12 Popular Culture
ECON 2 Principles of Macroeconomics	POLI 7 Introduction to American Government	SOC 13 Research Methods
ECON 5 Economic History of the U. S.	POLI 12 Introduction to California State and Local Government	WMST 1 Introduction to Women's Studies
ECON 10 General Economics	POLI 20 Comparative Government	WMST 2 Global Perspective of Women
GEOG 2 Cultural Geography	POLI 25 Introduction to Political Theory	* GS 1 + SOC 5 maximum credit 1 course
GEOG 5 World Regional Geography	POLI 26 Introduction to Gender, Sexuality & Politics	** MSCM 5 + 31 maximum credit 1 course
GEOG 12 Geography of California (F16)	POLI 30 International Relations	

Intersegmental General Education Transfer Curriculum (IGETC)

Area 5. Physical and Biological Sciences (at least 7 units required with at least 1 course each from Physical Science and Biological Science (at least 1 to contain a laboratory component))

5A - 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 ^L
ASTR 20 Introduction to Astronomy: Stars and the Universe	GEOG 1 Introduction to Physical Geography	PHYS 1A General Physics I ^L
CHEM 1A General College Chemistry I ^L	GEOG 8 Introduction to Atmospheric Science	PHYS 1B General Physics II ^L
CHEM 1B General College Chemistry II ^L	GEOG 12 Geography of California (F16)	PHYS 1C General Physics III ^L
CHEM 12A Organic Chemistry I ^L	GEOL 1 Physical Geology	PHYS 1D General Physics IV ^L
CHEM 12B Organic Chemistry II ^L	GEOL 2 Historical Geology with Lab ^L	PHYS 2A Introduction to Physics I ^L
CHEM 30A Intro and Applied Chemistry I ^L	GEOL 5 Environmental Geology: Hazards & Disasters	PHYS 2B Introduction to Physics II ^L
CHEM 30B Introductory and Applied Chemistry II ^L	GEOL 7 Environmental Geology: Resources, Use Impact & Pollution	PHYS 10 Descriptive Physics
CHEM 31 Intro to College Chemistry ^L	GEOL 12 Introduction to Oceanography	

5B - Biological Science (at least 3 units required)

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

5C - Laboratory Science Requirement (at least 1 unit required with at least course from below or from Physical Science or Biological Science marked with an ^L)

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	

Area 6. Language Other Than English (UC Requirement - required to certify IGETC (for UC))

6A - Language Other Than English (proficiency in a Language Other Than English may be met in one of the following ways)

1. Complete 2 years of high school study in the same language, with a grade of 'C-' or better in the final term.
2. Demonstrating equivalent proficiency prior to transfer or AP Language & Cultures exam with score of 3 or higher.
3. Complete 1 of the following courses with a grade of 'C' or better

ASL 1A American Sign Language I	FREN 1B Elementary French	SPAN 2A Intermediate Spanish I
ASL 1B American Sign Language II	FREN 2A Intermediate French I	SPAN 2B Intermediate Spanish II
ASL 2A American Sign Language III	FREN 2B Intermediate French II	SPAN 21 Spanish for Spanish Speakers I (F19)
ASL 2B American Sign Language IV	SPAN 1A Beginning Spanish	SPAN 22 Spanish for Spanish Speakers II
FREN 1A Beginning French	SPAN 1B Elementary Spanish	SPAN 23 Introduction to Hispanic Literature

American Institutions US History, Constitution, and American Ideals (CSU Graduation Requirement - NOT required to certify IGETC)

Complete 1 group Up to 6 units of these courses may also be applied to GE-B requirements in Area 3B or 4 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 IGETC

Q What is the Intersegmental General Education Transfer Curriculum (IGETC)

A IGETC is a general education pattern which community college transfer students can follow to fulfill lower-division general education requirements for either the UC or CSU systems. This pattern is advisable for students who are undecided about their transfer goals because it keeps their options open. Many private/independent colleges/universities also recognize or accept IGETC (see a counselor for details).

Q Is IGETC an admission requirement?

A NO. There is no connection between completion of IGETC and eligibility for admission to the CSU or UC system.

Q What alternatives to IGETC exist?

A Community college students who are CSU-bound have the option to complete the CSU General Education Breadth requirements. Students who are UC-bound have the option of completing the general education requirements of the destination UC campus or the minimum UC transfer admission requirements as listed on ASSIST.org > select Las Positas College and UC Transfer Admission Eligibility Courses.

Q Is it advisable for all transfer students to follow IGETC?

A No. Not all majors should follow IGETC. Students pursuing majors that require extensive lower-division major preparation (i.e. Engineering) may not find IGETC advantageous, and the transfer institution may advise following the minimum UC eligibility requirements listed on ASSIST.org > select Las Positas College and UC Transfer Admission Eligibility Courses.

Q Can I use Advanced Placement (AP) and International Baccalaureate (IB) exams for IGETC?

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

Q What is "IGETC Certification" and how do I request it?

A IGETC certification is the process by which the community college verifies that a student has completed all of the required coursework for the IGETC pattern (11 courses/34 units where Area 1C is not required and partial completion is also possible), which is sent directly to the transfer institution. If IGETC is not certified, students may be subject to the lower-division general education requirements of the campus to which they transfer. Request an IGETC Certification in the Admissions & Records 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.

Advanced Placement (AP) Examinations

- Credit may be earned for the College Board Advance Placement (AP) Exams with scores of 3 or higher.
- Course credit and units granted at Las Positas College may differ from amounts granted by transfer institutions or other community colleges.
- CSU units count toward eligibility for admission and may not apply towards Associate Degrees for Transfer (AD-T) or the baccalaureate degree. The units may not all apply toward certification of the corresponding GE-Breadth area.
- All units listed are semester units.

AP Examination	LPC Credit				CSU Credit			UC Credit		
	Units	GE Area	GE Units	LPC Course(s)	Units	GE-B Area	GE-B Units	Units	IGETC Area	IGETC Units
Art History	6	III	3	ARHS 4 ARHS 5	6	C1 or C2	3	5.3	3A or 3B	3
Biology	6	II	3	BIO 30	6	B2 & B3	4	5.3	5B & 5C	4
Calculus AB	5	IB	3	MATH 1	3*	B4	3	2.6**	2A	3
Calculus BC	10	IB	3	MATH 1 MATH 2	6*	B4	3	5.3**	2A	3
Calculus BC/AB Subscore***	5	IB	3	MATH 1	3*	B4	3	2.6**	2A	3
Calculus Exam Limitations										
* Maximum credit: one exam in calculus or computer science may be applied to the baccalaureate for CSU.										
** Maximum credit: 5.3 semester units for both MATH AB and BC exams; 2.6 semester units for both AB and the AB Subscore for UC										
*** Students who take the BC exam and earn a subscore of 3 or higher on the AB portion will receive credit for the AB exam, even if they do not receive a score of 3 or higher on the BC exam for UC.										
Chemistry	6	II	3	CHEM 1A	6	B1 & B3	4	5.3	5A & 5C	4
Chinese Language and Culture	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Comparative Government and Politics	3	IV	3	POLI 20	3	D8	3	2.6	4	3
Computer Science A	4	n/a	0	CS 31	3*	n/a	0	5.3	n/a	0
Computer Science Principles	6	n/a	0	n/a	6*	B4	3	5.3	n/a	0
Computer Science Exam Limitations										
* Maximum credit: one exam in computer science or calculus may be applied to the baccalaureate for CSU.										
English Language and Composition	6	IA	3	ENG 1A	6	A2	3	5.3*	1A	3
English Literature and Composition	6	IA	3	ENG 1A	6	A2 & C2	6	5.3*	1A or 3B	3
English Exam Limitations										
* Maximum credit: 5.3 semester units for both English Language and Composition and English Literature and Composition exams for UC										
Environmental Science	4	II	3	EVST 5	4	B1 & B3	4	2.6	5A & 5C	3
European History	6	III or IV	3	HIST 2	6	C2 or D6	3	5.3	3B or 4	3
French Language and Culture	6	III	3	FREN 1A	6	C2	3	5.3	3B & 6A	3
French Language and Culture (Score of 4)	10	III	3	FREN 1A FREN 1B	6	C2	3	5.3	3B & 6A	3
German Language and Culture	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Human Geography	3	IV	3	GEOG 2	3	D5	3	2.6	4	3
Italian Language and Culture	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Japanese Language and Culture	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Latin	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Macroeconomics	3	IV	3	ECON 2	3	D2	3	2.6	4	3
Microeconomics	3	IV	3	ECON 1	3	D2	3	2.6	4	3
Music Theory	6	III	3	MUS 8A	6	n/a	0	5.3	n/a	0

Advanced Placement (AP) Examinations

AP Examination	LPC Credit				CSU Credit			UC Credit		
	Units	GE Area	GE Units	LPC Course(s)	Units	GE-B Area	GE-B Units	Units	IGETC Area	IGETC Units
Music Theory (Score of 5)	8	III	3	MUS 8A MUS 8B	6	n/a	0	5.3	n/a	0
Music Exam Limitations										
* UC's grant credit for the full Music Theory exam. Students who earn only a subscore will not receive exam credit for UC.										
Physics 1	4	II	3	PHYS 2A	4*	B1 & B3	4	5.3**	5A & 5C	4
Physics 2	4	II	3	PHYS 2B	4*	B1 & B3	4	5.3**	5A & 5C	4
Physics C: Electricity and Magnetism	5	II	3	PHYS 1C	4*	B1 & B3	4	2.6**	5A & 5C	4
Physics C: Mechanics	5	II	3	PHYS 1A	4*	B1 & B3	4	2.6**	5A & 5C	4
Physics Exam Limitations										
* Maximum credit: 4 semester units toward GE and 6 semester units toward transfer for all Physics exams passed for CSU.										
** Maximum credit: 5.3 semester units for all Physics exams for UC.										
Psychology	3	IV	3	PSYC 1	3	D9	3	2.6	4	3
Seminar	3	n/a	0	n/a	3	n/a	0	0	n/a	0
Spanish Language and Culture	6	III	3	SPAN 1A	6	C2	3	5.3	3B & 6A	3
Spanish Language and Culture (Score of 4)	10	III	3	SPAN 1A SPAN 1B	6	C2	3	5.3	3B & 6A	3
Spanish Literature and Culture	6	III	3	n/a	6	C2	3	5.3	3B & 6A	3
Spanish Literature and Culture (Score of 4)	6	III	3	SPAN 21	6	C2	3	5.3	3B & 6A	3
Statistics	4	IB	3	MATH 40	3	B4	3	2.6	2A	3
Studio Art: 2D Design	3	n/a	0	ARTS 23	3	n/a	0	5.3*	n/a	0
Studio Art: 3D Design	3	n/a	0	ARTS 24	3	n/a	0	5.3*	n/a	0
Studio Art: Drawing	3	n/a	0	ARTS 2A	3	n/a	0	5.3*	n/a	0
AP Studio Art Exam Limitations										
* Maximum credit: 5.3 semester units for all Studio Art exams for UC.										
United States Government and Politics	4	IV	3	POLI 7	3	D8 & US-2	3	2.6	4	3
United States History	6	III or IV	3	HIST 7 HIST 8	6	C2 or D6 & US-1	3	5.3	3B or 4	3
World History: Modern	3	III or IV	3	n/a	3	C2 or D6	3	5.3	3B or 4	3

- Credit may be earned for the College-Level Examination Program (CLEP) with scores of 50 or higher.
- CSU units count toward eligibility for admission. The units may not all apply towards Associate Degrees for Transfer (AD-T) or the baccalaureate degree. The units may not all apply toward certification of the corresponding GE-Breadth area.
- If a student passes more than one CLEP test in the same language other than English, then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered “Level I” and earns six units of baccalaureate credit; the higher score listed for each test is considered “Level II” and earns additional units of credit and placement in Area C2 of GE Breadth, as noted.
- All units listed are semester units.

CLEP Examination	Passing Score	LPC Credit			CSU Credit		
		Units	GE Area	GE Units	Units	GE-B Area	GE-B Units
American Government	50	3	IV	3	3	D8	3
American Literature	50	3	III	3	3	C2	3
Analyzing and Interpreting Literature	50	3	III	3	3	C2	3
Biology	50	3	II	3	3	B2	3
Calculus	50	3	IB	3	3	B4	3
Chemistry	50	3	II	3	3	B1	3
College Algebra	50	3	IB	3	3	B4	3
College Algebra - Trigonometry	50	3	IB	3	3	B4	3
College Composition	50	0	n/a	0	0	n/a	0
College Composition - Modular	50	0	n/a	0	0	n/a	0
College Mathematics	50	0	n/a	0	0	n/a	0
English Composition (no essay)	50	0	n/a	0	0	n/a	0
English Composition with Essay	50	0	n/a	0	0	n/a	0
Financial Accounting	50	3	n/a	0	3	n/a	0
French Level I	50	6	n/a	0	6	n/a	0
French Level II	59	9	III	3	9	C2	3
Freshman College Composition	50	0	n/a	0	0	n/a	0
German Level I	50	6	n/a	0	6	n/a	0
German Level II	60	9	III	3	9	C2	3
History, United States I	50	3	IV	3	3	D6 & US-1	3
History, United States II	50	3	IV	3	3	D6 & US-1	3
Human Growth and Development	50	3	VB*	3*	3	E	3
* AA GE credit only							
Humanities	50	3	III	3	3	C2	3
Information Systems and Computer Applications	50	3	n/a	0	3	n/a	0
Introduction to Educational Psychology	50	3	n/a	0	3	n/a	0
Introductory Business Law	50	3	n/a	0	3	n/a	0
Introductory Psychology	50	3	IV	3	3	D9	3
Introductory Sociology	50	3	IV	3	3	D0	3
Natural Sciences	50	3	II	3	3	B1 or B2	3
Pre-Calculus	50	3	IB	3	3	B4	3
Principles of Accounting	50	3	n/a	0	3	n/a	0

CLEP Examination	Passing Score	LPC Credit			CSU Credit		
		Units	GE Area	GE Units	Units	GE-B Area	GE-B Units
Principles of Macroeconomics	50	3	IV	3	3	D2	3
Principles of Management	50	3	n/a	0	3	n/a	0
Principles of Marketing	50	3	n/a	0	3	n/a	0
Principles of Microeconomics	50	3	IV	3	3	D2	3
Social Sciences and History	50	0	n/a	0	0	n/a	0
Spanish Level I	63	6	n/a	0	6	n/a	0
Spanish Level II	63	9	III	3	9	C2	3
Spanish with Writing I	50	6	n/a	0	6	n/a	0
Spanish with Writing II	63	9	III	3	9	C2	3
Western Civilization I	50	3	III or IV	3	3	C2 or D6	3
Western Civilization II	50	3	IV	3	3	D6	3

- Credit may be earned for the International Baccalaureate (IB) examinations with scores of 4 or higher.
- A score of 5, 6 or 7 on Higher Level exams is required to grant credit for IGETC certification.
- An acceptable IB score for IGETC equates to either 3 semester or 4 quarter units for certification purposes.
- Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both.
- CSU units count toward eligibility for admission. The units may not apply towards Associate Degrees for Transfer (AD-T) or the baccalaureate degree. The units may not all apply toward certification of the corresponding GE-Breadth area.
- All units listed are semester units.

IB Examination HL	LPC Credit				CSU Credit				UC Credit			
	Passing Score	Units	GE Area	GE Units	Passing Score	Units	GE-B Area	GE-B Units	Passing Score	Units	IGETC Area	IGETC Units
Biology	5	6	II	3	5	6	B2	3	5	5.3	5B	3
Chemistry	5	6	II	3	5	6	B1	3	5	5.3	5A	3
Economics	5	6	IV	3	5	6	D2	3	5	5.3	4	3
Geography	5	6	IV	3	5	6	D5	3	5	5.3	4	3
History (any region)	5	6	III or IV	3	5	6	C2 or D6	3	5	5.3	3B or 4	3
Language A Literature (any language)	4	6	III	3	4	6	C2	3	5	5.3	3B*	3
Language A Language and Literature (any language)	4	6	III	3	4	6	C2	3	5	5.3	3B*	3
* Students earn IGETC area 3B and 6A if they pass IB Language A Literature or Language A Language and Literature with any language except English.												
Language B (any language)	4	6	n/a	0	4	6	n/a	0	5	5.3	6A	3
Mathematics	4	6	IB	3	4	6	B4	3	5	5.3	2A	3
Physics	5	6	II	3	5	6	B1	3	5	5.3	5A	3
Psychology	5	3	IV	3	5	3	D9	3	5	5.3	4	3
Theatre	4	6	III	3	4	6	C1	3	5	5.3	3A	3